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Spring 2022

## Undergraduate and Graduate Course Descriptions, 2022 Spring

Wright State University

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### Repository Citation

(2022). Undergraduate and Graduate Course Descriptions, 2022 Spring. .  
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| ACADEMIC PERIOD_DESC | COURSE_ID ENTIFICATION | COURSE_NUMBER | TITLE_SHORT_DESC           | SUBJECT | SUBJECT_DESC           | CREDIT_MIN | COURSE_TEXT_NARRATIVE  | COURSE_LEVEL | SCHEDULE | SCHEDULE_DESC           |
|----------------------|------------------------|---------------|----------------------------|---------|------------------------|------------|--|--------------|----------|-------------------------|
| Spring 2022          | PHL3900                | 3900          | Topics in Phil of Rel      | PHL     | Philosophy             | 3          | Selected topics.   | UG           | LE       | Lecture                 |
| Spring 2022          | NUR4460                | 4460          | Lshp Mgmt to               | NUR     | Nursing                | 10         | Facilitates the transition from student to professional nursing role through concentrated  | UG           | LE       | Lecture                 |
| Spring 2022          | REL5760                | 5760          | Four Gospels               | REL     | Religion               | 3          | Literary and historical study of the four Gospels in the Christian Bible, aiming to discern their  | GR           | LE       | Lecture                 |
| Spring 2022          | ACC4460                | 4460          | Financial                  | ACC     | Accountancy            | 3          | Topics in financial statement analysis and firm valuation suitable for undergraduate accounting  | UG           | LE       | Lecture                 |
| Spring 2022          | SLI3000                | 3000          | Ethics & Laws              | SLI     | Sign                   | 3          | Ethical standards of practice, legal rights and federal legislation impacting deaf and   | UG           | LE       | Lecture                 |
| Spring 2022          | MTH4880                | 4880          | Independent Read Math      | MTH     | Mathematics            | 1          | Selected readings in mathematics.  | UG           | IS       | Independent Study       |
| Spring 2022          | CEG7470                | 7470          | Adv. Wireless              | CEG     | Computer               | 3          | Advanced topics in Wireless Networking and Mobile Computing, including: queueing system  | GR           | LL       | Lecture/Lab             |
| Spring 2022          | PSY9990                | 9990          | Dissertation Research      | PSY     | Psychology             | 1          | Original research of a quality that is publishable in refereed journals. Research must be acceptable to the supervisory committee, submitted in writing and defended by public oral examination. | GR           | IS       | Independent Study       |
| Spring 2022          | MUS1170                | 1170          | Jazz History and Music     | MUS     | Music                  | 3          | Historical survey of jazz and related styles from the late 19th century to the present.  | UG           | LE       | Lecture                 |
| Spring 2022          | CS7980                 | 7980          | Part-time CPT in CS        | CS      | Computer Science       | 0          | Practical work experience in graduate level Computer Science.  | GR           | IN       | Internship              |
| Spring 2022          | EGR1980                | 1980          | Special Topics in EGR      | EGR     | Engineering            | 1          | Special topics in Engineering and Computer Science.  | UG           | LE       | Lecture                 |
| Spring 2022          | CEG4330L               | 4330L         | Microproc Embedded Sys Lab | CEG     | Computer Engineering   | 0          | Required laboratory for CEG 4330.  | UG           | LB       | Lab                     |
| Spring 2022          | EDT9990                | 9990          | Thesis                     | EDT     | Educational Technology | 1          | The project may be a thesis or creative production and is prepared under the guidance of the student's advisory committee.   | GR           | IS       | Independent Study       |
| Spring 2022          | MUE6680                | 6680          | Jazz Band                  | MUE     | Music: Ensembles       | 1          | A jazz performance-oriented group. Students learn elements of ensemble execution, professionalism, jazz history, jazz styles, and jazz improvisation. Audition required.                         | GR           | LL       | Lecture/Lab Combination |
| Spring 2022          | DAN4050                | 4050          | Musical Theatre Dance IV   | DAN     | Dance                  | 3          | Advanced group classes applying Ballet, Jazz and Modern Dance techniques to Musical Theatre Dance, focusing on professional preparation.   | UG           | ST       | Studio                  |
| Spring 2022          | ABS7240                | 7240          | Social                     | ABS     | Applied                | 3          | Analyzes how social problems are identified, legitimated and addressed in contemporary   | GR           | LE       | Lecture                 |
| Spring 2022          | MUS2550                | 2550          | Piano for                  | MUS     | Music                  | 1          | Class instruction in functional keyboard skills.   | UG           | LE       | Lecture                 |
| Spring 2022          | EDS6900                | 6900          | Teach Indiv                | EDS     | Education -            | 3          | Historical and current legal, philosophical and education issues surrounding the definition,   | GR           | LE       | Lecture                 |
| Spring 2022          | TH4330                 | 4330          | Comp Graphics Theatre II   | TH      | Theatre                | 3          | Tools and techniques available to produce paint elevations, projections, and theatrical designs using existing and created images.   | UG           | ST       | Studio                  |
| Spring 2022          | NUR7301                | 7301          | Strt                       | NUR     | Nursing                | 6          | This course introduces students to concepts, principles, and practices of strategic  | GR           | LE       | Lecture                 |
| Spring 2022          | SOC4820                | 4820          | Social                     | SOC     | Sociology              | 3          | Study of social aspects of aging, the needs of the aging population, and society's response to   | UG           | LE       | Lecture                 |
| Spring 2022          | ME7520                 | 7520          | Hydrogen                   | ME      | Mechanical             | 3          | This course focuses on hydrogen as a renewable and clean means of energy storage, and  | GR           | LL       | Lecture/Lab             |
| Spring 2022          | CNL9601                | 9601          | Adv. Crisis                | CNL     | Counseling             | 3          | Overview of issues associated with trauma, stress, crisis, and disaster experiences and the  | GR           | LE       | Lecture                 |
| Spring 2022          | EGR3980                | 3980          | Special Topics in EGR      | EGR     | Engineering            | 1          | Special topics in Engineering and Computer Science.  | UG           | LE       | Lecture                 |
| Spring 2022          | ART4010                | 4010          | Ind Study in Art History   | ART     | Art                    | 1          | Intensive individual work with faculty supervision in art history.   | UG           | IS       | Independent Study       |
| Spring 2022          | ARA4310                | 4310          | Classical                  | ARA     | Arabic                 | 3          | A text-based course introducing students to the history and development of the earliest Arabic   | UG           | LE       | Lecture                 |
| Spring 2022          | CS4270                 | 4270          | Optimization               | CS      | Computer               | 3          | Algorithms for optimizing real functions of several variables subject to equality and inequality   | UG           | LE       | Lecture                 |
| Spring 2022          | CEG4324                | 4324          | Digital Circuit            | CEG     | Computer               | 3          | Digital design with behavioral level VHDL; application of VHDL to the design, analysis, and  | UG           | LE       | Lecture                 |
| Spring 2022          | ATH5000                | 5000          | Cultures/Nativ             | ATH     | Anthropology           | 3          | An introduction to the variety of people whose ancestry goes back to pre-conquest Native   | GR           | LE       | Lecture                 |
| Spring 2022          | ME4340                 | 4340          | Sim of                     | ME      | Mechanical             | 3          | Commercial computational fluid dynamics software is used to solve practical engineering  | UG           | LE       | Lecture                 |

|             |          |       |                                |     |                            |   |  |    |    |                         |
|-------------|----------|-------|--------------------------------|-----|----------------------------|---|--|----|----|-------------------------|
| Spring 2022 | MGT4990  | 4990  | Strategy Domestic Int'l        | MGT | Management                 | 3 | Issues in international business to build an interdisciplinary strategic perspective on management in a global environment.  | UG | LE | Lecture                 |
| Spring 2022 | CHM4210L | 4210L | Adv Inorganic Syn Lab          | CHM | Chemistry                  | 2 | Advanced synthesis and characterization of representative inorganic compounds.   | UG | LB | Lab                     |
| Spring 2022 | PN8990   | 8990  | Physiology Research            | PN  | Physiology & Neuroscience  | 1 | Supervised thesis research.  | GR | IS | Independent Study       |
| Spring 2022 | ME6570   | 6570  | Energy                         | ME  | Mechanical                 | 3 | Students will understand the principles and the materials of advanced electrochemical energy   | GR | LE | Lecture                 |
| Spring 2022 | P&N6990  | 6990  | Lab Rotation                   | P&N | Physiology & Neuroscience  | 1 | Special physiological problems or research designed for specific needs and talents of the student.   | GR | IS | Independent Study       |
| Spring 2022 | BIO6750  | 6750  | Ichthyology                    | BIO | Biology                    | 4 | Introduction to the diversity of fishes. This course will provide an overview of the major themes  | GR | LE | Lecture                 |
| Spring 2022 | MLB4310  | 4310  | Basic Hematology               | MLB | Medical Laboratory Science | 2 | Theory and application of principles of hematology, including hematopoiesis, counting and identification of cells in the peripheral blood, and the use of cellular morphology to diagnose disease. | UG | LE | Lecture                 |
| Spring 2022 | MLB4520  | 4520  | Adv Clinical Chemistry         | MLB | Medical Laboratory Science | 2 | Study of endocrine system, inborn errors of metabolism, toxicology, the role of tumor markers in cancer diagnosis and management, and other advanced topics in clinical chemistry.                 | UG | LE | Lecture                 |
| Spring 2022 | EED4400  | 4400  | Assessment                     | EED | Elementary                 | 3 | Varying assessment techniques and strategies, both formal and informal, utilized in grades P-  | UG | LE | Lecture                 |
| Spring 2022 | LE1060   | 1060  | Issues: Law Enforcement        | LE  | Law Enforcement            | 1 | Focused study in an area of interest in Law Enforcement.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | CHM7890  | 7890  | Continuing Registration        | CHM | Chemistry                  | 1 |  | GR | IS | Independent Study       |
| Spring 2022 | REL3810  | 3810  | Anthropology                   | REL | Religion                   | 3 | (also listed as ATH 4020) Introduction to the anthropological study of religions of the world and  | UG | LE | Lecture                 |
| Spring 2022 | PLS4350  | 4350  | Political Corruption           | PLS | Political Science          | 3 | Analysis of political corruption including campaign and elections, graft, the executive branch, congressional ethics, corruption in law enforcement, organized crime and abuse of authority.       | UG | SE | Seminar                 |
| Spring 2022 | EGR4940  | 4940  | Internship III                 | EGR | Engineering                | 1 | Third internship course. Students are supervised via weekly seminars and regular feedback from employers.  | UG | IN | Internship              |
| Spring 2022 | EE6550L  | 6550L | IC Hardware                    | EE  | Electrical                 | 1 | Students learn to implement hardware security/trust detection methods using the techniques   | GR | LB | Lab                     |
| Spring 2022 | PLS7982  | 7982  | Intell and                     | PLS | Political                  | 3 | This course examines how intelligence interacts with homeland security, its impact on both   | GR | SE | Seminar                 |
| Spring 2022 | P&N7760  | 7760  | Intercellular                  | P&N | Physiology &               | 3 | Introduces the concepts of intercellular communication through an interdisciplinary  | GR | LE | Lecture                 |
| Spring 2022 | MI4750   | 4750  | Pathogenic Mechanisms          | MI  | Microbiology & Immunology  | 4 | Human-microbial pathogen interactions, emphasizing the molecular basis of the pathogenic mechanisms. Complexities of interactions between microbes and their human hosts.                          | UG | LE | Lecture                 |
| Spring 2022 | URS4450  | 4450  | Community                      | URS | Urban Affairs              | 3 | Evolution of community development theory and practice in the U.S and the process of   | UG | LE | Lecture                 |
| Spring 2022 | BMS8690  | 8690  | Quant Aspct-                   | BMS | Biomedical                 | 3 | Employs a quantitative approach to the properties of solutes, water, bio-electrical phenomena,   | GR | LE | Lecture                 |
| Spring 2022 | EGR1010R | 1010R | Intr Math for Egr Applies Rec  | EGR | Engineering                | 0 | Required recitation for EGR 1010. Integrated Writing course.   | UG | RE | Recitation              |
| Spring 2022 | NUR2124C | 2124C | Nur for Unlicensed HC Clinical | NUR | Nursing                    | 0 | Required clinical for NUR 2124. Integrated Writing course.   | UG | CL | Clinical                |
| Spring 2022 | EES4550  | 4550  | Aqueous                        | EES | Earth &                    | 3 | Interactions between natural fresh waters and their geologic environments. Includes chemical   | UG | LE | Lecture                 |
| Spring 2022 | SOC6640  | 6640  | Gender and                     | SOC | Sociology                  | 3 | Explores gender and sexuality constructions from a global perspective. Topics include the  | GR | LE | Lecture                 |
| Spring 2022 | P&N7010  | 7010  | Sel Topics in Physiology       | P&N | Physiology & Neuroscience  | 1 | A selected area of physiology is discussed in greater detail than in basic physiology courses. Some topics may include laboratory.   | GR | LL | Lecture/Lab Combination |
| Spring 2022 | FIN4210  | 4210  | Financial Management III       | FIN | Finance                    | 3 | Applies financial concepts and analytical techniques to financial decision making. Extensive use of cases.   | UG | LE | Lecture                 |
| Spring 2022 | ME6080   | 6080  | Design                         | ME  | Mechanical                 | 3 | Graphic, analytical, numerical, and symbolic techniques are used in the kinematic and  | GR | LE | Lecture                 |
| Spring 2022 | ANT8600  | 8600  | Prin                           | ANT | Anatomy                    | 1 | Principles of Biomedical Research is appropriate for students that will be involved in   | GR | LE | Lecture                 |
| Spring 2022 | ART3750  | 3750  | Armature/Figur                 | ART | Art                        | 3 | Development of personal concepts and aesthetic expression in sculpture. Emphasis on  | UG | LB | Lab                     |
| Spring 2022 | PHY8250  | 8250  | Fund of Bio                    | PHY | Physics                    | 3 | This course will treat fundamental programming approaches, data structures and   | GR | LL | Lecture/Lab             |

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|-------------|----------|-------|-------------------------------|-----|---------------------------|---|---|----|----|---------------------------|
| Spring 2022 | PHY3500  | 3500  | Advanced                      | PHY | Physics                   | 2 | Statistical analysis of experimental data. Emphasizes experimental design, data analysis, and   | UG | LB | Lab                       |
| Spring 2022 | PSY2640  | 2640  | Evolution and                 | PSY | Psychology                | 3 | Scientific movements that paved the way for the science of evolutionary psychology. Methods   | UG | LE | Lecture                   |
| Spring 2022 | DAN1110  | 1110  | Modern Dance                  | DAN | Dance                     | 3 | Modern dance technique class for pre-professional dancers. Emphasis on helping students   | UG | ST | Studio                    |
| Spring 2022 | FAS3500  | 3500  | Animal                        | FAS | Food and                  | 3 | Introduction to animal nutrition covering all aspects of nutrition for domestic animals from  | UG | LL | Lecture/Lab               |
| Spring 2022 | ART6150  | 6150  | Adv<br>Modern/Conte<br>mp Art | ART | Art                       | 3 | Intensive studies of the period, major movements, and artists of the time. Titles vary.   | GR | LE | Lecture                   |
| Spring 2022 | PSI9640  | 9640  | Sex & Gender                  | PSI | Professional              | 3 | This course provides a sex-positive, interdisciplinary, feminist approach to diverse sexualities  | GR | LE | Lecture                   |
| Spring 2022 | PLS4900  | 4900  | Independent<br>Reading        | PLS | Political<br>Science      | 1 | Supervised individual readings on selected topics arranged between student and faculty<br>member directing the study. Requires 3.0 GPA. Integrated Writing course.                        | UG | IS | Independent<br>Study      |
| Spring 2022 | ENG4920  | 4920  | Internship in<br>Writing      | ENG | English                   | 3 | Supervised professional writing in workplace setting. Integrated Writing course.  | UG | IN | Internship                |
| Spring 2022 | REL3720  | 3720  | Pentateuch                    | REL | Religion                  | 3 | Patriarchal narratives and Mosaic legislation of the Pentateuch or Torah, the initial five books<br>of the Bible.   | UG | LE | Lecture                   |
| Spring 2022 | ME4250   | 4250  | Kinematics &                  | ME  | Mechanical                | 3 | Graphic, analytical, numerical, and symbolic techniques are used in the kinematic and   | UG | LE | Lecture                   |
| Spring 2022 | TH2260   | 2260  | Graphics II:<br>Drafting      | TH  | Theatre                   | 3 | Introduction to and practice with the basic tools, materials and techniques used in drafting<br>scenic designs for the theatre.   | UG | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | KNH1960A | 1960A | Yoga                          | KNH | Kinesiology &<br>Health   | 1 | Fundamental skills and knowledge of Yoga. Competency-based approach. Course may<br>accommodate disabled students when appropriate.  | UG | LB | Lab                       |
| Spring 2022 | HST6650  | 6650  | 19th-Century<br>US History    | HST | History                   | 3 | Examines distinct periods in the 19th century (e.g., Civil War and reconstruction) and major<br>topics such as slavery. Topics vary.  | GR | LE | Lecture                   |
| Spring 2022 | PLS4560  | 4560  | Politics of<br>Europe         | PLS | Political<br>Science      | 3 | Comparative study of the political systems of Great Britain, France, and Germany. Integrated<br>Writing course.   | UG | LE | Lecture                   |
| Spring 2022 | CEG6750  | 6750  | Information                   | CEG | Computer                  | 3 | A comprehensive study of security vulnerabilities in information systems and the basic  | GR | LE | Lecture                   |
| Spring 2022 | DAN4040  | 4040  | Music Theatre<br>Dance III    | DAN | Dance                     | 3 | Advanced group classes applying Ballet, Jazz and Modern Dance techniques to Musical<br>Theatre Dance.   | UG | ST | Studio                    |
| Spring 2022 | SW6130   | 6130  | Social Work<br>Ethics         | SW  | Social Work               | 0 | Addresses ethical dimensions of social work in policy and law and frameworks for decision-<br>making. Teaches skills for professional self-care to decrease incidents of vicarious trauma | GR | LE | Lecture                   |
| Spring 2022 | ECE3230  | 3230  | ECE Field                     | ECE | Education -               | 1 | Candidates, mentored by an early childhood educator, assist in the planning, organizing,  | UG | PR | Practicum                 |
| Spring 2022 | SOC4310  | 4310  | Urban                         | SOC | Sociology                 | 3 | Examines the role of cities in past and present societies, the social and cultural implications of  | UG | LE | Lecture                   |
| Spring 2022 | CNL4640  | 4640  | Crisis<br>Counseling          | CNL | Counseling                | 3 | Background, theory, practice, and needs of crisis intervention within the helping professions.<br>Explores a variety of crisis intervention models and community resources.               | UG | LE | Lecture                   |
| Spring 2022 | SW4850   | 4850  | Gero Cert                     | SW  | Social Work               | 3 | Applied research in an agency setting that serves older adults under the guidance of the  | UG | SE | Seminar                   |
| Spring 2022 | KNH1560B | 1560B | Soccer: Indoor                | KNH | Kinesiology &<br>Health   | 1 | Fundamental skills and knowledge of Soccer: Indoor. Competency-based approach. Course<br>may accommodate disabled students when appropriate.  | UG | LB | Lab                       |
| Spring 2022 | EDL8350  | 8350  | Data Driven<br>Decisions      | EDL | Educational<br>Leadership | 1 | Exploring the use of appropriate, meaningful data for making instructional, curricular, and<br>assessment decisions as a normative professional standard.                                 | GR | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | EE7440L  | 7440L | RF Power<br>Amplifiers Lab    | EE  | Electrical<br>Engineering | 1 | Required lab for EE 7440  | GR | LB | Lab                       |
| Spring 2022 | PLS5560  | 5560  | Pol Society                   | PLS | Political                 | 3 | Examines the historic interaction of French culture and politics. Topics include the growth of  | GR | LE | Lecture                   |
| Spring 2022 | MIS7200  | 7200  | IS Project                    | MIS | Management                | 3 | IS Project Management encompasses the knowledge, techniques, and tools necessary to   | GR | LE | Lecture                   |
| Spring 2022 | CEG5310  | 5310  | Computer                      | CEG | Computer                  | 4 | Organization and sequential operation of digital computers. Binary and hexadecimal number   | GR | LE | Lecture                   |
| Spring 2022 | PLS4550  | 4550  | Politics of Iraq              | PLS | Political<br>Science      | 3 | Traces recent political history of Iraq since its formation in 1920s. Examines reasons for<br>recent war and implications for Iraq's political future. Integrated Writing course.         | UG | SE | Seminar                   |
| Spring 2022 | MUS6650  | 6650  | Computer App                  | MUS | Music                     | 3 | Study of computer technology and music software   | GR | LE | Lecture                   |
| Spring 2022 | FR4420   | 4420  | 17th & 20th                   | FR  | French                    | 3 | Themes of destiny and divinity in 17th- and 20th-century French drama. Analysis of plays and  | UG | LE | Lecture                   |
| Spring 2022 | ENG6730  | 6730  | TESOL Theory                  | ENG | English                   | 3 | Presents a theoretical foundation for the study of second language acquisition, including   | GR | LE | Lecture                   |
| Spring 2022 | ENG3010  | 3010  | Topics in<br>Reading          | ENG | English                   | 3 | Approaches and topics in the field of Literary Study.   | UG | LE | Lecture                   |
| Spring 2022 | MUS1210  | 1210  | Music                         | MUS | Music                     | 3 | Listening skills and aural analysis through musical examples from a variety of periods and  | UG | LE | Lecture                   |

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|-------------|----------|-------|------------------------------|-----|-------------------------------|---|--|----|----|-------------------------|
| Spring 2022 | EGR7910  | 7910  | MEIE Team                    | EGR | Engineering                   | 3 | First semester of team project for Master in Engineering Innovation and Entrepreneurship   | GR | LE | Lecture                 |
| Spring 2022 | IHE7712  | 7712  | Adv Model-                   | IHE | Industrial &                  | 3 | Introduction into the use of advanced model-based computer simulations for analysis of   | GR | LE | Lecture                 |
| Spring 2022 | HST6850  | 6850  | Approaches to History        | HST | History                       | 3 | Examines approaches to the study of history and historical methodology. Topics vary.   | GR | LE | Lecture                 |
| Spring 2022 | BMB7650  | 7650  | Comp                         | BMB | Biochem &                     | 2 | This is a survey course of modern high-throughput experimental approaches and  | GR | LE | Lecture                 |
| Spring 2022 | MTE6880  | 6880  | Ind Reading Math Stat Ed     | MTE | Mathematics Teacher Education | 1 | Selected topics from the research literature on a particular topic in mathematics and statistics education.  | GR | IS | Independent Study       |
| Spring 2022 | ME4220   | 4220  | Mech Sys Mdl                 | ME  | Mechanical                    | 3 | This course will teach students how to model complex mechanical systems as a set of simple,  | UG | LE | Lecture                 |
| Spring 2022 | ART2580  | 2580  | Intro to Digital             | ART | Art                           | 3 | Exploration of black and white photographic materials and camera techniques. Investigation of  | UG | LB | Lab                     |
| Spring 2022 | ISE4820  | 4820  | Supp Ch Analy                | ISE | Industrial &                  | 3 | Provides fundamental understanding of supply chain systems and their structure. Techniques   | UG | LE | Lecture                 |
| Spring 2022 | FR4820   | 4820  | Independent Reading          | FR  | French                        | 3 | Topics vary.<b> Department Managed Prerequisite(s): (Undergraduate level FR 3210 Minimum Grade of D or Undergraduate level FR 3220 Minimum Grade of D)</b>             | UG | IS | Independent Study       |
| Spring 2022 | PHL4020  | 4020  | Continental                  | PHL | Philosophy                    | 3 | Focused study of a narrow theme or topic in the continental and European philosophical   | UG | SE | Seminar                 |
| Spring 2022 | BIO6600L | 6600L | Population Genetics Lab      | BIO | Biology                       | 0 | Required laboratory for BIO 6600.  | GR | LB | Lab                     |
| Spring 2022 | BME7950  | 7950  | Thesis Research in BME       | BME | Biomedical Engineering        | 1 | M.S. Thesis Research in Biomedical Engineering   | GR | IS | Independent Study       |
| Spring 2022 | EES6660  | 6660  | OSHA                         | EES | Earth &                       | 1 | Intended for persons having management responsibility for occupational safety and health; this   | GR | LE | Lecture                 |
| Spring 2022 | CHM6650L | 6650L | Physical Polymer Chm Lab     | CHM | Chemistry                     | 0 | Required laboratory for CHM 6650.  | GR | LB | Lab                     |
| Spring 2022 | MUA4420  | 4420  | Applied Music                | MUA | Music: Applied Music          | 4 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.               | UG | IS | Independent Study       |
| Spring 2022 | GER3320  | 3320  | Survey of                    | GER | German                        | 3 | Historical survey of German literature from its beginning to the present, including Classicism,  | UG | LE | Lecture                 |
| Spring 2022 | SPN4710  | 4710  | Spanish As a                 | SPN | Spanish                       | 3 | Linguistic and social history of the Spanish language. Language variation in Spain, Latin  | UG | SE | Seminar                 |
| Spring 2022 | MIL3022  | 3022  | Applied Team                 | MIL | Military                      | 0 | Prepares cadet for six-week summer Leadership Development and Assessment Course.   | UG | LB | Lab                     |
| Spring 2022 | PPH7820  | 7820  | Clncl Ethics                 | PPH | Population &                  | 3 | This course will introduce the student to a systematic method of clinical case analysis,   | GR | LE | Lecture                 |
| Spring 2022 | DAN2080  | 2080  | Beginning Tap Dance II       | DAN | Dance                         | 1 | Group class continues to introduce students to fundamentals of tap dance techniques.   | UG | ST | Studio                  |
| Spring 2022 | CHI5020  | 5020  | Advanced                     | CHI | Chinese                       | 3 | Further development of advanced linguistic proficiency and complex conversation skills with  | GR | LE | Lecture                 |
| Spring 2022 | PSY4310  | 4310  | Clinical                     | PSY | Psychology                    | 3 | Communication-intensive seminar integrating knowledge within clinical psychology. Discussion   | UG | SE | Seminar                 |
| Spring 2022 | PSY2520  | 2520  | Forensic                     | PSY | Psychology                    | 3 | Examines applications of psychology to law and the U.S. legal system. Addressess issues such   | UG | LE | Lecture                 |
| Spring 2022 | OIS2180  | 2180  | Office Tech Trends           | OIS | Office Information Systems    | 3 | Latest information on office standards and legislative updates that impact office support professionals.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | BME7930  | 7930  | Non-Thesis Resrch in BME     | BME | Biomedical Engineering        | 1 | M.S. Non-Thesis Research in Biomedical Engineering   | GR | IS | Independent Study       |
| Spring 2022 | EGR1010L | 1010L | Intr Math Egr Appl Lab       | EGR | Engineering                   | 0 | Required laboratory for EGR 1010. Integrated Writing course.   | UG | LB | Lab                     |
| Spring 2022 | DAN2010  | 2010  | Ballet II                    | DAN | Dance                         | 3 | Vocabulary, techniques, and theory of ballet. Emphasis on body alignment and flexibility.  | UG | ST | Studio                  |
| Spring 2022 | REL5600  | 5600  | Topics in Am Religion        | REL | Religion                      | 3 | Examination of selected topics related to the history and practice of religion in America.   | GR | LE | Lecture                 |
| Spring 2022 | ART3970  | 3970  | Intro to                     | ART | Art                           | 3 | History, purposes, and literature of museums and galleries. Various aspects of gallery   | UG | LE | Lecture                 |
| Spring 2022 | PLS4500  | 4500  | Political                    | PLS | Political                     | 3 | Anthropological study of political life cross-culturally. Evolutionary and historical approaches to  | UG | LE | Lecture                 |
| Spring 2022 | EDS6590  | 6590  | Assess for Intervention Spec | EDS | Education - Special Education | 3 | Administration and interpretation of formal and informal educational assessment instruments and communication of assessment data to parents, students, and colleagues. | GR | LE | Lecture                 |
| Spring 2022 | MIL4010  | 4010  | Adaptive                     | MIL | Military                      | 3 | Students are assigned the duties and responsibilities of an Army staff officer and must apply  | UG | LE | Lecture                 |

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|-------------|----------|-------|-------------------------------|-----|--------------------------------|---|---|----|----|-------------------------|
| Spring 2022 | NUR4420C | 4420C | Cri Care Across Lifespan Clin | NUR | Nursing                        | 0 | Required clinical for NUR 4420.   | UG | CL | Clinical                |
| Spring 2022 | PSI9540  | 9540  | Dev.                          | PSI | Professional                   | 3 | Part two of a two-sequence course addressing a wide range of developmental and behavioral   | GR | LE | Lecture                 |
| Spring 2022 | REL5470  | 5470  | Zen Buddhism                  | REL | Religion                       | 3 | Survey of the history, doctrines, and practices of Zen Buddhism in China, Japan, and the  | GR | LE | Lecture                 |
| Spring 2022 | EE3310L  | 3310L | Devices and                   | EE  | Electrical                     | 1 | Laboratory supporting EE 3310 Electronic Devices and Circuits.<b> Department Managed  | UG | LB | Lab                     |
| Spring 2022 | IT3210   | 3210  | Prin of Package Design        | IT  | Information Technology         | 3 | Complete coverage of step-by-step creation of package design including the pre-production and production issues.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | HEA9220  | 9220  | Law of Higher                 | HEA | Higher                         | 3 | Examination of statute and case law that governs the operation of institutions of higher  | GR | LE | Lecture                 |
| Spring 2022 | ED4310   | 4310  | MCE                           | ED  | Education                      | 1 | Candidates, mentored by a middle-level teacher, shall assist in the planning, organizing,   | UG | PR | Practicum               |
| Spring 2022 | PTX4006  | 4006  | Case Studies in CBRN Defense  | PTX | Pharmacology/ Toxicology       | 3 | Review of historic chemical, biological, radiological, and nuclear attacks and incidents to evaluate the methods, motivation, and effects of such events. | UG | LE | Lecture                 |
| Spring 2022 | PLS3010  | 3010  | Mod Political Ideologies      | PLS | Political Science              | 3 | Systematic analysis of theories and variations of modern political ideologies, including democracy, socialism, fascism, and communism.                    | UG | LE | Lecture                 |
| Spring 2022 | PSI9580  | 9580  | Forensic                      | PSI | Professional                   | 3 | Introduction to forensic intervention with adult and juvenile populations. Treatment of the   | GR | LE | Lecture                 |
| Spring 2022 | BMS8720  | 8720  | Mechanisms of Cell Death      | BMS | Biomedical Sciences            | 2 | Signalling and Molecular mechanisms of Apoptotic Cell Death and relationship to human diseases.   | GR | LE | Lecture                 |
| Spring 2022 | EES6270  | 6270  | Process Geomorphology         | EES | Earth & Environmental Sciences | 3 | Study of the processes that create and modify landforms. Classifications of landforms and what they reveal of past geologic processes and climates.       | GR | LE | Lecture                 |
| Spring 2022 | IHE7820  | 7820  | Engr Supply                   | IHE | Industrial &                   | 3 | Advanced topics in the design of supply chain systems and planning for their operations.  | GR | LE | Lecture                 |
| Spring 2022 | NEU4040  | 4040  | Sr Cap Neuro                  | NEU | Neuroscience                   | 2 | Senior neuroscience majors will develop a grant proposal on a neuroscience topic that could   | UG | IS | Independent             |
| Spring 2022 | ME3600   | 3600  | Exp. Meas.                    | ME  | Mechanical                     | 3 | Techniques, equipment, and measurement procedures used by Mechanical Engineers: writing   | UG | LE | Lecture                 |
| Spring 2022 | PHY6820  | 6820  | Electromagneti                | PHY | Physics                        | 4 | Understanding of formal Electromagnetic Theory including application of multipole treatments  | GR | LE | Lecture                 |
| Spring 2022 | PLS7900  | 7900  | Continuing Registration       | PLS | Political Science              | 1 | Continuing registration.  | GR | IS | Independent Study       |
| Spring 2022 | PHY2400L | 2400L | General Physics I Lab         | PHY | Physics                        | 1 | Introductory physics laboratory problems in mechanics, oscillation and thermodynamics.  | UG | LB | Lab                     |
| Spring 2022 | ANT7000  | 7000  | Human                         | ANT | Anatomy                        | 1 | Overview of gross anatomy, histology, neuroanatomy, embryology, and educational theory that   | GR | IS | Independent             |
| Spring 2022 | HST6800  | 6800  | Comparative                   | HST | History                        | 3 | Compares developments or movements in different parts of the world and/or different times in  | GR | LE | Lecture                 |
| Spring 2022 | MUA1420  | 1420  | Applied Music                 | MUA | Music: Applied Music           | 4 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.  | UG | IS | Independent Study       |
| Spring 2022 | PPH7910  | 7910  | Independent Study             | PPH | Population & Public Health     | 1 | Independent study of topics in community health.  | GR | IS | Independent Study       |
| Spring 2022 | EES4330  | 4330  | Global                        | EES | Earth &                        | 3 | Examines how elements cycle through and between the biosphere, hydrosphere, lithosphere,  | UG | LE | Lecture                 |
| Spring 2022 | PSY3230L | 3230L | Cognition & Learning Mth Lab  | PSY | Psychology                     | 0 | Required laboratory for PSY 3230. Integrated Writing course.  | UG | LB | Lab                     |
| Spring 2022 | PLS4881  | 4881  | Diplomacy &                   | PLS | Political                      | 3 | Topics include power and leverage; negotiation strategies; mediation and third-party  | UG | SE | Seminar                 |
| Spring 2022 | PSY6230  | 6230  | Problem Solving Cap           | PSY | Psychology                     | 3 | Writing and oral communication intensive seminar integrating knowledge on problem solving and reasoning.  | GR | SE | Seminar                 |
| Spring 2022 | BME7521  | 7521  | Advanced                      | BME | Biomedical                     | 3 | Application of advanced principles of transport phenomena, including the solution of the  | GR | LE | Lecture                 |
| Spring 2022 | CEG6870L | 6870L | Intro Intel Cont Sys Lab      | CEG | Computer Engineering           | 1 | Laboratory supporting EE 6190. Students will experience hands on learning in lab environment.   | GR | LB | Lab                     |
| Spring 2022 | ED4590   | 4590  | Clsroom Mgt &                 | ED  | Education                      | 3 | The study and application of classroom management and organizational models and   | UG | LE | Lecture                 |
| Spring 2022 | EDS3400  | 3400  | Curriculum &                  | EDS | Education -                    | 3 | Foundations of developmentally responsive middle level programs and interdisciplinary   | UG | LE | Lecture                 |
| Spring 2022 | ENG6950  | 6950  | TEFL Workshop                 | ENG | English                        | 3 | Intensive study of selected special topics or problems to meet the particular needs of participating students. Titles vary.                               | GR | LE | Lecture                 |

|             |          |       |                                 |     |                                      |   |   |    |     |                            |
|-------------|----------|-------|---------------------------------|-----|--------------------------------------|---|---|----|-----|----------------------------|
| Spring 2022 | ATH4750  | 4750  | Sem<br>Archaeological<br>Theory | ATH | Anthropology                         | 3 | Discussion of past and current archaeological theories, their application to fieldwork and analysis, and the significance of theory in the discipline. Integrated Writing course.         | UG | SE  | Seminar                    |
| Spring 2022 | KNH1020A | 1020A | Aerobic<br>Conditioning         | KNH | Kinesiology &<br>Health              | 1 | Fundamental skills and knowledge of Aerobic Conditioning. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB  | Lab                        |
| Spring 2022 | ED4200   | 4200  | Undergrad                       | ED  | Education                            | 2 | Educators with prior teaching license(s), under the direct supervision of an experienced  | UG | PR  | Practicum                  |
| Spring 2022 | MUA3420  | 3420  | Applied Music                   | MUA | Music: Applied<br>Music              | 4 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.                                  | UG | IS  | Independent<br>Study       |
| Spring 2022 | MTH2310  | 2310  | Calculus II                     | MTH | Mathematics                          | 4 | Integration techniques, applications of the definite integral, numeral integration and improper   | UG | PKG | Combinatio                 |
| Spring 2022 | EC3100   | 3100  | The Global                      | EC  | Economics                            | 3 | Explores how the global economic environment affects business decisions and how these   | UG | LE  | Lecture                    |
| Spring 2022 | BMB3850  | 3850  | Biochem Lab                     | BMB | Biochem &<br>Molecular<br>Biology    | 3 | Laboratory methodologies such as chromatography, electrophoresis, purification and characterization of enzymes, culminating in guided research projects. Integrated Writing course.       | UG | LL  | Lecture/Lab<br>Combination |
| Spring 2022 | FAS2120  | 2120  | Food Proc Unit<br>Op Lab        | FAS | Food and<br>Agricultural<br>Systems  | 1 | Investigation of the effects of food processing variables on food properties and quality during processing.   | UG | LB  | Lab                        |
| Spring 2022 | ANT3120  | 3120  | Human                           | ANT | Anatomy                              | 4 | Endocrine system, cardiovascular system, lymphatic system, respiratory system, and urinary  | UG | LE  | Lecture                    |
| Spring 2022 | MI6990   | 6990  | Special<br>Problems in MI       | MI  | Microbiology &<br>Immunology         | 2 | Study of the physiological and biochemical processes unique to microorganisms and the host response to microbes.  | GR | IS  | Independent<br>Study       |
| Spring 2022 | PTX7031  | 7031  | Circadian                       | PTX | Pharmacology/                        | 3 | In this course, we will explore how the body's circadian clock is controlled at the organ,  | GR | LE  | Lecture                    |
| Spring 2022 | EDS3700  | 3700  | Applied                         | EDS | Education -                          | 1 | Application of strategies and interventions learned with an appreciation of culture and family  | UG | SE  | Seminar                    |
| Spring 2022 | REL5530  | 5530  | Asian                           | REL | Religion                             | 3 | Exploration of ethics and morality as construed in a variety of Asian religious traditions  | GR | LE  | Lecture                    |
| Spring 2022 | ECO5000  | 5000  | Econ Study for<br>Teachers      | ECO | Center for<br>Economic<br>Educ.      | 1 | Variable titled course for selected economic issues and topics and techniques for teaching them in the K-12 classroom. This course has a fee that is non-refundable once the term begins. | GR | LL  | Lecture/Lab<br>Combination |
| Spring 2022 | MIS3150  | 3150  | Data and Info                   | MIS | Management                           | 3 | Concepts, principles and data models of managing organizational data. Extensive experience  | UG | LE  | Lecture                    |
| Spring 2022 | ENG4300  | 4300  | Studies in                      | ENG | English                              | 3 | Intensive study of American literary history and/or the work of individual American writers.  | UG | LE  | Lecture                    |
| Spring 2022 | EDL8340  | 8340  | Coaching and<br>Mentoring       | EDL | Educational<br>Leadership            | 3 | Developing knowledge, skills, and dispositions necessary for school leaders to provide effective coaching and mentoring focused on improving teaching and learning for all students.      | GR | LL  | Lecture/Lab<br>Combination |
| Spring 2022 | OL4020   | 4020  | Community-                      | OL  | Organizational                       | 3 | Investigation of leadership issues within community-based organizations. Students volunteer   | UG | SE  | Seminar                    |
| Spring 2022 | PSY4330  | 4330  | Personality<br>Psych Cap        | PSY | Psychology                           | 3 | Communication-intensive seminar integrating knowledge on personality, including theory, research, and application. Integrated Writing course.   | UG | SE  | Seminar                    |
| Spring 2022 | PSY6910  | 6910  | Psychobio of<br>Stress Cap      | PSY | Psychology                           | 3 | Communication-intensive seminar integrating knowledge on the psychobiology of stress.   | GR | SE  | Seminar                    |
| Spring 2022 | ME6140   | 6140  | Mechanical                      | ME  | Mechanical                           | 3 | Fundamental concepts in design for both static and fatigue loading, with application to   | GR | LE  | Lecture                    |
| Spring 2022 | EE7350   | 7350  | Wireless                        | EE  | Electrical                           | 3 | The goal of this course is to provide students with a comprehensive and in-depth  | GR | LE  | Lecture                    |
| Spring 2022 | SPN2210  | 2210  | Interm Spn I                    | SPN | Spanish                              | 3 | Intermediate level Spanish course with service component. Grammar, vocabulary, oral and   | UG | LE  | Lecture                    |
| Spring 2022 | FAS2300  | 2300  | Food Plant                      | FAS | Food and                             | 3 | Principles and practices required to keep the food plant free from potential hazards to human   | UG | LE  | Lecture                    |
| Spring 2022 | MUS1350  | 1350  | Guitar                          | MUS | Music                                | 1 | The study of materials, equipment, and class  | UG | LE  | Lecture                    |
| Spring 2022 | EE3450L  | 3450L | Electromagneti                  | EE  | Electrical                           | 1 | Hands-on experience with electromagnetic devices, field measurements, and device  | UG | LB  | Lab                        |
| Spring 2022 | ED4600   | 4600  | AYA/MA<br>Assess in Ed          | ED  | Education                            | 3 | The design implementation, and integration of traditional and alternative assessments in the classroom. Additionally, the analysis of data and the data-based decision making process.    | UG | LE  | Lecture                    |
| Spring 2022 | PHY6450  | 6450  | Integ Phy Sci                   | PHY | Physics                              | 4 | Integration of physics and mathematics, fulfilling science and math standards, physics  | GR | LL  | Lecture/Lab                |
| Spring 2022 | EDL7740  | 7740  | Analysis of<br>Teaching         | EDL | Educational<br>Leadership            | 3 | Opportunities for analysis of teaching through the exploration of instructional methodologies, critical theory related to teaching, and strategies for continual improvement.             | GR | LE  | Lecture                    |
| Spring 2022 | PTX6003  | 6003  | Intro to                        | PTX | Pharmacology/                        | 3 | This course provides an introduction to basic concepts in drug action. Students will become   | GR | LE  | Lecture                    |
| Spring 2022 | EES7810  | 7810  | MST Project                     | EES | Earth &<br>Environmental<br>Sciences | 3 | Students develop an independent capstone science or education research project.   | GR | IS  | Independent<br>Study       |
| Spring 2022 | SOC6650  | 6650  | Glbl                            | SOC | Sociology                            | 3 | Survey of current issues in sexuality and social justice from a global perspective, with  | GR | LE  | Lecture                    |

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|-------------|---------|------|--------------------------------|-----|-------------------------------------|-----|--|----|----|-------------------|
| Spring 2022 | EES6380 | 6380 | Seismic                        | EES | Earth &                             | 4   | Students learn the theory and practice of seismic reflection data interpretation. Principles of  | GR | LL | Lecture/Lab       |
| Spring 2022 | EDS6650 | 6650 | Transitions Stu<br>w/Except    | EDS | Education -<br>Special<br>Education | 3   | Role of intervention specialists in shaping transition for students with exceptionalities. Focus<br>on high school/adult transition with consideration of transitions at earlier levels.           | GR | LE | Lecture           |
| Spring 2022 | PSY8310 | 8310 | Cognitive<br>Systems<br>Engin. | PSY | Psychology                          | 3   | The role of human factors in system design is examined from a cognitive systems engineering<br>perspective. The analytic tools of CSE are explored and applied in design projects.                 | GR | SE | Seminar           |
| Spring 2022 | EE7990  | 7990 | Thesis                         | EE  | Electrical<br>Engineering           | 1   | Graded pass/unsatisfactory.  | GR | IS | Independent Study |
| Spring 2022 | SOC3610 | 3610 | Sociology of                   | SOC | Sociology                           | 3   | Examines how gender is created and negotiated across space and place. Also examines how  | UG | LE | Lecture           |
| Spring 2022 | REL5550 | 5550 | Human Rights                   | REL | Religion                            | 3   | Survey of the debate on human rights in China in relation to events in modern Chinese history  | GR | LE | Lecture           |
| Spring 2022 | PSY8610 | 8610 | Personnel                      | PSY | Psychology                          | 4   | In-depth review of the psychological basis of personnel selection including recruitment  | GR | SE | Seminar           |
| Spring 2022 | URS7060 | 7060 | Research                       | URS | Urban Affairs                       | 3   | Focuses on different aspects of policy evaluation by obtaining facts and analyzing information   | GR | LE | Lecture           |
| Spring 2022 | SLI3540 | 3540 | Sign to English                | SLI | Sign                                | 3   | Knowledge and competencies for interpreting a variety of texts from signed modes to spoken   | UG | LE | Lecture           |
| Spring 2022 | EE4420  | 4420 | Microwave Egr                  | EE  | Electrical                          | 3   | Transmission line theory and application, wave propagation in rectangular waveguides,  | UG | LE | Lecture           |
| Spring 2022 | KNH4550 | 4550 | Seminar Sport<br>Science       | KNH | Kinesiology &<br>Health             | 1   | Monitors and supports the professional progress of sports science program students.<br>Enhances sports science students' preparation for a certification exam and career<br>development.           | UG | SE | Seminar           |
| Spring 2022 | AFS4040 | 4040 | African<br>Diaspora            | AFS | Afr /Afr Amer<br>Studies            | 3   | Examination of the evolution and development of the African diaspora in an international<br>context. Integrated Writing course.  | UG | LE | Lecture           |
| Spring 2022 | ED7810  | 7810 | Litrcy Resrch:                 | ED  | Education                           | 3   | Conduct the literacy research project designed in ED 7800. Collect and analyze the data. Final   | GR | SE | Seminar           |
| Spring 2022 | SOC5700 | 5700 | Criminology                    | SOC | Sociology                           | 3   | Provides an analysis of major categories of criminal conduct, theories of crime causation, and<br>patterns of criminal activity with particular attention to factors such as class, race, sex, and | GR | LE | Lecture           |
| Spring 2022 | EC7240  | 7240 | Develmnt of                    | EC  | Economics                           | 3   | Historical development of economic thought and philosophies.<b> Department Managed   | GR | LE | Lecture           |
| Spring 2022 | ME7300  | 7300 | Advanced                       | ME  | Mechanical                          | 3   | Theory and application of conservation equations for fluid mechanics. Develops boundary  | GR | LE | Lecture           |
| Spring 2022 | GEO2200 | 2200 | Human                          | GEO | Geography                           | 3   | Introduction to key themes and perspectives in human geography. Examines social,   | UG | LE | Lecture           |
| Spring 2022 | DOS9990 | 9990 | Org Studies<br>Dissertation    | DOS | Doctor Org<br>Studies               | 0.5 | Doctoral-level independent research and writing related to leadership and organizational<br>studies.   | GR | IS | Independent Study |
| Spring 2022 | KNH2530 | 2530 | Kinesiology                    | KNH | Kinesiology &<br>Health             | 3   | Analysis of muscular interrelationships in basic body movement and principles of mechanics<br>as they relate to fundamental and complex motor skills in physical education activities.             | UG | LE | Lecture           |
| Spring 2022 | HST7800 | 7800 | Adv Probs                      | HST | History                             | 3   | Theories and concepts associated with appraisal and  | GR | LE | Lecture           |
| Spring 2022 | ASM7873 | 7873 | Space<br>Medicine III          | ASM | Aerospace<br>Medicine               | 2   | Space Medicine III will introduce Aerospace physicians to the unique environment of medical<br>operations involved in sub-orbital, orbital, and beyond earth orbit space flight operations.        | GR | SE | Seminar           |
| Spring 2022 | EC3210  | 3210 | U.S. Economic<br>History       | EC  | Economics                           | 3   | Analysis of economic, political, social, and cultural changes resulting from industrial<br>advancements and the control over industrial changes exercised by different societies.                  | UG | LE | Lecture           |
| Spring 2022 | MTH2415 | 2415 | Elem Math                      | MTH | Mathematics                         | 4   | Overview of mathematical topics from a perspective appropriate for early and middle childhood  | UG | LE | Lecture           |
| Spring 2022 | CHM8990 | 8990 | Thesis<br>Defense              | CHM | Chemistry                           | 2   | Public defense of a written thesis that is based on original research in a CHM faculty<br>laboratory.  | GR | SE | Seminar           |
| Spring 2022 | SOC4630 | 4630 | Race, Labor                    | SOC | Sociology                           | 3   | Investigates African Americans' labor force participation/location and consequences for  | UG | LE | Lecture           |
| Spring 2022 | LAW4300 | 4300 | Legal Aspects<br>Workplace     | LAW | Law                                 | 3   | Introduction to selected federal and Ohio workplace laws and policies with legal implications<br>for human resource professionals and/or managers and for interacting with legal counsel.          | UG | LE | Lecture           |
| Spring 2022 | ED6260  | 6260 | Literacy                       | ED  | Education                           | 3   | Teachers certified/licensed in special education, ESL, or bilingual education learn to apply   | GR | LE | Lecture           |
| Spring 2022 | PSY2950 | 2950 | Understanding<br>Concussions   | PSY | Psychology                          | 3   | The course covers a basic understanding of concussions, including signs and symptoms,<br>assessment, treatment and recovery, prevention, and their impact on individuals as well as<br>society.    | UG | LE | Lecture           |
| Spring 2022 | ATH4100 | 4100 | Spec Topics-<br>Cultural ATH   | ATH | Anthropology                        | 3   | Intensive study of selected topics in cultural anthropology. Topics vary.  | UG | LE | Lecture           |
| Spring 2022 | BMB7600 | 7600 | Molec Bio of<br>the Nucleus    | BMB | Biochem &<br>Molecular<br>Biology   | 3   | Also listed as BMS 7600. A literature based course covering molecular events in the nucleus<br>including DNA replication, repair and recombination and transcription.                              | GR | LE | Lecture           |



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|-------------|----------|-------|---------------------------|-----|--------------------------------|---|--|----|----|-------------|
| Spring 2022 | NUR3460  | 3460  | Nursing Care              | NUR | Nursing                        | 1 | Focuses on critical reasoning and care of children, adolescents, and families. Delivery of   | UG | LE | Lecture     |
| Spring 2022 | ED6475   | 6475  | MA Intern Pt. 1:          | ED  | Education                      | 1 | Candidates, mentored by a Computer Information Science educator, shall assist in the   | GR | IN | Internship  |
| Spring 2022 | ATR7200  | 7200  | Emergent & Acute Care     | ATR | Athletic Training              | 3 | Preparation for, recognition of, and management of emergency medical conditions utilizing current evidence-based clinical best practices.  | GR | LE | Lecture     |
| Spring 2022 | ECO5230  | 5230  | Strech Your               | ECO | Center for                     | 2 | Financial planning and personal finance topics geared toward the family, with emphasis on  | GR | LL | Lecture/Lab |
| Spring 2022 | PTX8004  | 8004  | Med Chem                  | PTX | Pharmacology/                  | 3 | Provide an understanding of chemical threat agent history, toxicology, and medical   | GR | LE | Lecture     |
| Spring 2022 | MUS3720  | 3720  | Composition II            | MUS | Music                          | 3 | Creative writing that encompasses a variety of   | UG | LE | Lecture     |
| Spring 2022 | GEO6000  | 6000  | Climate                   | GEO | Geography                      | 3 | This is a basic course in meteorology that covers clouds, humidity, precipitation, winds, fronts,  | GR | LE | Lecture     |
| Spring 2022 | BME3212  | 3212  | Human                     | BME | Biomedical                     | 3 | Linear and angular kinematics and kinetics applied to human performance. Other topics  | UG | LE | Lecture     |
| Spring 2022 | IE4000   | 4000  | International             | IE  | International                  | 1 | Placeholder for students studying abroad on Wright State University Education Abroad   | UG | IS | Independen  |
| Spring 2022 | PSY1010L | 1010L | Intro to Psychology Lab   | PSY | Psychology                     | 0 | Required laboratory for PSY 1010. Integrated Writing course.   | UG | LB | Lab         |
| Spring 2022 | ART6060  | 6060  | Studies in Painting       | ART | Art                            | 3 | Provides opportunities to explore special problems and approaches to painting including cross media and interdisciplinary studies. Titles vary.  | GR | LB | Lab         |
| Spring 2022 | CS1900   | 1900  | Internship                | CS  | Computer                       | 1 | Students earn general elective credit for a future internship experience by working in a major   | UG | IN | Internship  |
| Spring 2022 | EDT8620  | 8620  | Applied Res               | EDT | Educational                    | 2 | Participants research educational technologies used in the health professionals environment.   | GR | LE | Lecture     |
| Spring 2022 | EGR4980R | 4980R | Special Topics in EGR Rec | EGR | Engineering                    | 0 | Required recitation for EGR 4980.  | UG | RE | Recitation  |
| Spring 2022 | EGR8980  | 8980  | Special Topics in EGR     | EGR | Engineering                    | 1 |  | GR | LE | Lecture     |
| Spring 2022 | EES6190L | 6190L | Paleobiology Laboratory   | EES | Earth & Environmental Sciences | 0 | Required laboratory for EES 6190.  | GR | LB | Lab         |
| Spring 2022 | ED4540   | 4540  | AYA Math                  | ED  | Education                      | 3 | Curriculum, methods, and materials in the teaching of mathematics for grades 7-12, including   | UG | LE | Lecture     |
| Spring 2022 | TH3350   | 3350  | Costume Crafts            | TH  | Theatre                        | 3 | Creative, innovative, and often inexpensive alternatives for the creation of jewelry applique, embellishments, armor, crowns, and basic millinery techniques for theatrical production.    | UG | ST | Studio      |
| Spring 2022 | ME7980   | 7980  | Special Topics in ME      | ME  | Mechanical and Materials Engr  | 1 | Special topics in Mechanical Engineering or Materials Science and Engineering. Topics Vary   | GR | LE | Lecture     |
| Spring 2022 | RHB3670  | 3670  | Creation of EBP           | RHB | Rehabilitation                 | 3 | Basic concepts in research as applied to the rehabilitation field, including theory, design, variables, measurement, hypothesis testing, and validity.                                     | UG | LE | Lecture     |
| Spring 2022 | OIS2500  | 2500  | Internship                | OIS | Office Information Systems     | 3 | Practical experience coordinated by faculty, student, and business representative.   | UG | IN | Internship  |
| Spring 2022 | EES4420  | 4420  | Paleozoic                 | EES | Earth &                        | 4 | The rise and evolution of Paleozoic vertebrate and plant groups emphasizing the evolution of   | UG | LL | Lecture/Lab |
| Spring 2022 | EC4120   | 4120  | Economic Forecasting      | EC  | Economics                      | 3 | Techniques and theories used in forecasting. Stresses practical methods and problems.  | UG | LE | Lecture     |
| Spring 2022 | ECE7400  | 7400  | Research in ECE Topics    | ECE | Education - Early Childhood    | 3 | Research topics, issues and trends in Early Childhood Education using qualitative and action research methods.   | GR | LE | Lecture     |
| Spring 2022 | ME6540   | 6540  | Solar Thermal             | ME  | Mechanical                     | 3 | Fundamentals of solar radiation and how it can be utilized as a thermal energy source. Solar   | GR | LE | Lecture     |
| Spring 2022 | IT2180   | 2180  | Found of Electronic Prod  | IT  | Information Technology         | 3 | Streamlined processes for delivering electronic content. Topics include Macs vs PCs, color depth, advantages and disadvantages of types of printers, magnetic and optical storage systems. | UG | LE | Lecture     |
| Spring 2022 | PLS6450  | 6450  | Adv Crim Investgn         | PLS | Political Science              | 3 | Criminal investigative techniques including forensics, evidence, interviews, and interrogations as applied to specific types of crimes.  | GR | LE | Lecture     |
| Spring 2022 | KNH2620  | 2620  | Nutrition                 | KNH | Kinesiology &                  | 3 | Nutrient and food energy needs of the individual who is physically active. Tissue maintenance,   | UG | LE | Lecture     |
| Spring 2022 | PSI8300  | 8300  | Interviewing              | PSI | Professional                   | 3 | Process of client designation, problem identification, and functional analysis. Client   | GR | LE | Lecture     |
| Spring 2022 | HUM7100  | 7100  | Seminar in Humanities     | HUM | Humanities                     | 3 | Exploration of a single topic or problem from the perspective of a number of disciplines in the humanities.  | GR | SE | Seminar     |

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|-------------|----------|-------|--------------------------|-----|-------------------------------|-----|--|----|----|-------------------|
| Spring 2022 | BME6550L | 6550L | Bioinstrumentation Lab   | BME | Biomedical Engineering        | 0   | Required laboratory for BME 6550.  | GR | LB | Lab               |
| Spring 2022 | KNH1120  | 1120  | Canoeing                 | KNH | Kinesiology &                 | 1   | Fundamental skills and knowledge of Canoeing. Competency-based approach. Course may  | UG | LB | Lab               |
| Spring 2022 | MTH3260  | 3260  | Num Mthds                | MTH | Mathematics                   | 3   | Numerical methods for the sciences using modern programming languages. Solution of linear  | UG | LE | Lecture           |
| Spring 2022 | ME6870L  | 6870L | Machining Lab            | ME  | Mechanical and Materials Engr | 0   | Required laboratory for ME 6870.   | GR | LB | Lab               |
| Spring 2022 | BME6450  | 6450  | Tissue Egr &             | BME | Biomedical                    | 3   | Principles and underlying strategies for employing selected cells, biomaterial scaffolds, soluble  | GR | LE | Lecture           |
| Spring 2022 | SW4800   | 4800  | Gerontology              | SW  | Social Work                   | 3   | Supervised learning under direction of the Gerontology Certificate Director and staff from a   | UG | PR | Practicum         |
| Spring 2022 | BMS8620  | 8620  | Human                    | BMS | Biomedical                    | 4   | (Also listed as P&N 6100.) An overview of human/mammalian organ physiology. Fundamental  | GR | LE | Lecture           |
| Spring 2022 | MUA1120  | 1120  | Applied Music            | MUA | Music: Applied Music          | 1   | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.   | UG | IS | Independent Study |
| Spring 2022 | PSY6100  | 6100  | Applied Psych Cap        | PSY | Psychology                    | 3   | Writing and oral communication intensive seminar integrating knowledge on applied psychology. Topic will vary by title.  | GR | SE | Seminar           |
| Spring 2022 | BIO6720L | 6720L | Ornithology Lab          | BIO | Biology                       | 0   | Required laboratory for BIO 6720.  | GR | LB | Lab               |
| Spring 2022 | SPN4810  | 4810  | Independ Read Adv Studen | SPN | Spanish                       | 3   | Topics vary.<b> Department Managed Prerequisite(s): Undergraduate level SPN 3210 Minimum Grade of D or Undergraduate level SPN 3250 Minimum Grade of D</b>                                       | UG | IS | Independent Study |
| Spring 2022 | TMG2800  | 2800  | Small                    | TMG | Technical                     | 3   | Stresses business management functions important to small businesses, including single   | UG | LE | Lecture           |
| Spring 2022 | TTW6480  | 6480  | TTW Int: Voc             | TTW | Transition to                 | 1   | Students assigned to an experienced vocational special educator in the field for observing,  | GR | IN | Internship        |
| Spring 2022 | ACC7800  | 7800  | Special Topics in ACC    | ACC | Accountancy                   | 3   | Titles vary. Seminar in accounting topic of current interest.  | GR | LE | Lecture           |
| Spring 2022 | ECE4500  | 4500  | Independent Study in ECE | ECE | Education - Early Childhood   | 0.5 | Independent study in a selected area of Early Childhood Education  | UG | IS | Independent Study |
| Spring 2022 | BMB4444  | 4444  | Cell Signaling           | BMB | Biochem & Molecular Biology   | 3   | An in depth study of major cell signaling pathways as related to human health and disease.   | UG | LE | Lecture           |
| Spring 2022 | MUA3120  | 3120  | Applied Music            | MUA | Music: Applied Music          | 1   | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.   | UG | IS | Independent Study |
| Spring 2022 | UH1010   | 1010  | Honors First Year Sem    | UH  | University Honors             | 1   | Information and activities designed to enhance the success of new students in the University Honors Program. Introduces students to interdisciplinary studies, the hallmark of honors education. | UG | SE | Seminar           |
| Spring 2022 | PSY6500  | 6500  | Social Psych Cap         | PSY | Psychology                    | 3   | Communication-intensive seminar integrating knowledge on Social Psychology. Topic will vary by title.  | GR | SE | Seminar           |
| Spring 2022 | PTX9200  | 9200  | Pharm Clinical Research  | PTX | Pharmacology/ Toxicology      | 1   | This class is designed to give pharmacology and medical students supervised research involving human subjects.   | GR | CL | Clinical          |
| Spring 2022 | SOC5100  | 5100  | Marriage and Family      | SOC | Sociology                     | 3   | Sociological analysis of the development of the family and its relationship to society and the individual. Topics include courtship, marriage, parenthood, adulthood, and aging.                 | GR | LE | Lecture           |
| Spring 2022 | ATH3730  | 3730  | Methods in Hum Osteology | ATH | Anthropology                  | 3   | This course will explore the anthropological methodology of human osteology, or the study of human skeletal materials.   | UG | LE | Lecture           |
| Spring 2022 | EES7100  | 7100  | Complex in               | EES | Earth &                       | 4   | This interdisciplinary course explores mathematical methods for quantitative analysis and  | GR | LL | Lecture/Lab       |
| Spring 2022 | CEG4130  | 4130  | Pers Softw               | CEG | Computer                      | 3   | Discusses software development as it relates to the individual, software process   | UG | LE | Lecture           |
| Spring 2022 | KNH1960  | 1960  | Yoga                     | KNH | Kinesiology & Health          | 1   | Fundamental skills and knowledge of Yoga. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab               |
| Spring 2022 | CS5180   | 5180  | Comparative              | CS  | Computer                      | 3   | This course introduces fundamental concepts and paradigms underlying modern programming  | GR | LE | Lecture           |
| Spring 2022 | KNH1280A | 1280A | H2O Moves with Step      | KNH | Kinesiology & Health          | 1   | Fundamental skills and knowledge of H2O Moves with Step. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab               |
| Spring 2022 | FIN4150  | 4150  | Real Estate              | FIN | Finance                       | 3   | In-depth study of real estate finance and the theory and practice of appraising real estate.   | UG | LE | Lecture           |

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|-------------|----------|-------|----------------------------|-----|--------------------------------|---|---|----|----|-------------------|
| Spring 2022 | WGS6500  | 6500  | Topics Feminist Theory     | WGS | Women, Gender, and Sexuality   | 3 | Issues, approaches and topics in feminist theory. Titles and topics vary  | GR | LE | Lecture           |
| Spring 2022 | SPN6830  | 6830  | Latin American             | SPN | Spanish                        | 3 | This course studies, in both English and Spanish, fundamental concepts of doing business,   | GR | SE | Seminar           |
| Spring 2022 | PHL4420  | 4420  | Lit and Philosophy         | PHL | Philosophy                     | 3 | Study of literary texts with strong philosophical themes, such as philosophy and tragedy or philosophy and science fiction. Integrated Writing course.                                    | UG | LE | Lecture           |
| Spring 2022 | KNH7500  | 7500  | Scientific                 | KNH | Kinesiology &                  | 3 | A study of scientific foundations for conditioning. Topics will include: exercise training  | GR | LE | Lecture           |
| Spring 2022 | CSD3210  | 3210  | Intro Health Care Issues   | CSD | Community Services Development | 3 | Broad functions, operations and tools of health care administration; topics such as managing in health services environments, managerial tools and techniques and managing relationships. | UG | LE | Lecture           |
| Spring 2022 | FR5210   | 5210  | Writing in French          | FR  | French                         | 3 | Writing techniques and grammar review; written stylistic analyses.  | GR | LE | Lecture           |
| Spring 2022 | STT6460  | 6460  | Stat Methods               | STT | Statistics                     | 4 | Classical statistical techniques for analysis and interpretation of research data, with extensive   | GR | LE | Lecture           |
| Spring 2022 | SOC5740  | 5740  | Penology and Corrections   | SOC | Sociology                      | 3 | Historical development and critical assessment of penal institutions. Field visits to selected institutions.  | GR | LE | Lecture           |
| Spring 2022 | ENG6790  | 6790  | TEFL Practice              | ENG | English                        | 3 | Identifies the diverse needs of students learning English as a foreign language and the most  | GR | LE | Lecture           |
| Spring 2022 | CHM5210L | 5210L | Adv Inorg Syn & Charact    | CHM | Chemistry                      | 2 | Advanced synthesis and characterization of representative inorganic compounds.  | GR | LB | Lab               |
| Spring 2022 | CHM4370L | 4370L | Electroanalytical Chem Lab | CHM | Chemistry                      | 0 | Required laboratory for CHM 4370.   | UG | LB | Lab               |
| Spring 2022 | SPN5810  | 5810  | Applied Elem Spn Instr     | SPN | Spanish                        | 3 | Assistance for elementary course instructors in conducting classes.   | GR | LE | Lecture           |
| Spring 2022 | EES4610  | 4610  | Near-Surface               | EES | Earth &                        | 3 | Electrical and geophysical methods most used for near-surface studies, including ground   | UG | LL | Lecture/Lab       |
| Spring 2022 | CHM5520  | 5520  | Physical Chemistry II      | CHM | Chemistry                      | 3 | Theoretical aspects of chemistry including thermodynamics, chemical kinetics, molecular structure and spectra, and the structure of solids and liquids.                                   | GR | LE | Lecture           |
| Spring 2022 | DAN4080  | 4080  | Advanced Tap Dance II      | DAN | Dance                          | 1 | Group class exploring upper-level Tap Dance techniques.   | UG | ST | Studio            |
| Spring 2022 | HED2330  | 2330  | Human                      | HED | Health                         | 3 | Develops a depth of sexuality knowledge and related teaching competencies of K-12 teachers.   | UG | LE | Lecture           |
| Spring 2022 | ED7600   | 7600  | Topics & Issues in Lit     | ED  | Education                      | 3 | Examines current issues and topics in literacy and how these impact teaching and learning in K-12 education.  | GR | LE | Lecture           |
| Spring 2022 | ISM8100  | 8100  | Graduate                   | ISM | Interdis. Appl.                | 1 | Convention of student body and faculty from the ISM program to learn, discuss, and critique   | GR | SE | Seminar           |
| Spring 2022 | PSY2010  | 2010  | History of                 | PSY | Psychology                     | 3 | The history of psychology as an academic discipline. History of "the mind," historical events that  | UG | LE | Lecture           |
| Spring 2022 | EE4990   | 4990  | Special Problems in EE     | EE  | Electrical Engineering         | 1 | Special problems in advanced engineering. Topics vary.  | UG | IS | Independent Study |
| Spring 2022 | CS7210   | 7210  | Network                    | CS  | Computer                       | 3 | Emphasizes theoretical concepts that underpin the study of network or relational data   | GR | LE | Lecture           |
| Spring 2022 | CNL9600  | 9600  | Adv Instit                 | CNL | Counseling                     | 1 | Individual, group study of current problems in counseling. Provides a focus on the  | GR | LE | Lecture           |
| Spring 2022 | SPN3120  | 3120  | Spanish Conversation II    | SPN | Spanish                        | 3 | Practice in oral use of Spanish emphasizing the culture of the Hispanic world. <b> Department Managed Prerequisite(s): Undergraduate level SPN 3110 Minimum Grade of D</b>                | UG | LE | Lecture           |
| Spring 2022 | EDT6800  | 6800  | Integrate                  | EDT | Educational                    | 1 | Types of educational software and applications, the cost of technology, software evaluation,  | GR | LL | Lecture/Lab       |
| Spring 2022 | BIO4410  | 4410  | Behavioral                 | BIO | Biology                        | 3 | How and why animals behave the way they do. How an individual's behavior contributes to its   | UG | LE | Lecture           |
| Spring 2022 | ISE4400  | 4400  | Engineering                | ISE | Industrial &                   | 3 | Introduction to analytical methods and techniques for optimizing the economic outcome of  | UG | LE | Lecture           |
| Spring 2022 | CEG4980  | 4980  | Team Projects              | CEG | Computer                       | 3 | A summative computer engineering team design project building upon previous engineering,  | UG | LE | Lecture           |
| Spring 2022 | AFS4010  | 4010  | Senior Research Project    | AFS | Afr /Afr Amer Studies          | 3 | Two-semester research project focusing on one specific aspect of African or African American life.  | UG | IN | Internship        |
| Spring 2022 | KNH1780B | 1780B | Weight Training            | KNH | Kinesiology & Health           | 1 | Fundamental skills and knowledge of Weight Training. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab               |
| Spring 2022 | CHM8000  | 8000  | Seminar                    | CHM | Chemistry                      | 1 | Departmental Seminar  | GR | SE | Seminar           |
| Spring 2022 | EE6600L  | 6600L | UAV Flight                 | EE  | Electrical                     | 1 | Laboratory supporting EE 4600/6600. Students will experience hands on learning in lab   | GR | LB | Lab               |

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|-------------|---------|------|--------------------------------|-----|-------------------------------|-----|--|----|----|-------------------|
| Spring 2022 | LDR8010 | 8010 | Prog Eval Theory & Models I    | LDR | Leadership                    | 3   | Study of program evaluation theory and approaches. Students will review existing program evaluation approaches and develop a program evaluation plan.                                      | GR | LE | Lecture           |
| Spring 2022 | URS4310 | 4310 | Philanthropy/G                 | URS | Urban Affairs                 | 3   | Philanthropy, fundraising, grant writing and grant making. Includes series of experiential   | UG | LE | Lecture           |
| Spring 2022 | KNH6400 | 6400 | The Role of                    | KNH | Kinesiology &                 | 3   | The nurse as a member of the school health service team. Topics include educational  | GR | LE | Lecture           |
| Spring 2022 | MUS4650 | 4650 | Computer                       | MUS | Music                         | 2   | Study of computer technology and music software  | UG | LE | Lecture           |
| Spring 2022 | ISE4990 | 4990 | Independ Stdy in ISE II        | ISE | Industrial & Systems Engr     | 1   | Undergraduate independent studies in advanced Industrial and Systems Engineering. Topics vary.   | UG | IS | Independent Study |
| Spring 2022 | SPN3980 | 3980 | Studies in                     | SPN | Spanish                       | 1   | Individual research project approved and supervised by a full-time faculty member. Taught in   | UG | LE | Lecture           |
| Spring 2022 | CTE4810 | 4810 | Teaching At-                   | CTE | Career and                    | 3   | At-risk students present distinctions in interests, abilities and temperament, which have  | UG | LE | Lecture           |
| Spring 2022 | PSI9120 | 9120 | Neuropsych Assessment          | PSI | Professional Psychology       | 3   | Introduction to the field of clinical neuropsychological assessment. Students learn to select, administer, score, and interpret neuropsychological tests in different clinical situations. | GR | LE | Lecture           |
| Spring 2022 | PSY9800 | 9800 | Qualifying Exam Prep           | PSY | Psychology                    | 1   | Reading of relevant material for students to prepare to take the qualifying exam for PhD candidacy.  | GR | IS | Independent Study |
| Spring 2022 | FR3810  | 3810 | Applied Elem                   | FR  | French                        | 1   | French majors and minors assist FR 1010 or FR 1020 course instructors in conducting  | UG | IS | Independent       |
| Spring 2022 | CS6830  | 6830 | Systems                        | CS  | Computer                      | 3   | Introduction to simulation concepts and techniques. Topics include modeling, discrete  | GR | LE | Lecture           |
| Spring 2022 | ISE4920 | 4920 | ISE Design II                  | ISE | Industrial & Systems Engr     | 3   | Segment two of the ISE senior design sequence. Practicum results in the final engineering design and completion of the design project. Integrated Writing course.                          | UG | PR | Practicum         |
| Spring 2022 | BMS8650 | 8650 | Intro                          | BMS | Biomedical                    | 3   | (Also listed as P&N 6420.) Physiological mechanisms that subserve the functions of the   | GR | LE | Lecture           |
| Spring 2022 | EDS6100 | 6100 | Science Cont Stds IS           | EDS | Education - Special Education | 3   | Introduction to Ohio Department of Education K through 12th grade science content standards. Addresses science knowledge, pedagogy, and PRAXIS exam expectations.                          | GR | LE | Lecture           |
| Spring 2022 | PSY6040 | 6040 | Independent Reading            | PSY | Psychology                    | 1   | Specific topics selected by students and instructor. Graded pass/unsatisfactory.   | GR | IS | Independent Study |
| Spring 2022 | ENG3820 | 3820 | Intro to Poetry                | ENG | English                       | 3   | Fundamentals of poetry writing; practice in traditional and contemporary concepts of poetic  | UG | LE | Lecture           |
| Spring 2022 | EDL7750 | 7750 | Instr Ldrshp &                 | EDL | Educational                   | 3   | Strategies for developing, maintaining continual improvement processes using systems   | GR | LE | Lecture           |
| Spring 2022 | MUS2810 | 2810 | Jazz Improvisation             | MUS | Music                         | 1   | Basic fundamental scales and principles associated with the jazz tradition. Includes the study and performance of the blues, minor pentatonic, minor seventh, and major scales.            | UG | LE | Lecture           |
| Spring 2022 | ED6850  | 6850 | Cult & Comm                    | ED  | Education                     | 3   | Examines historical and current race/ethnic, gender, sexual orientation, ability, and social class   | GR | LE | Lecture           |
| Spring 2022 | PTX8005 | 8005 | Med Bio                        | PTX | Pharmacology/                 | 3   | This course will provide an overview understanding of the most important biodefense and  | GR | LE | Lecture           |
| Spring 2022 | PSY3530 | 3530 | Social Psychology Mth          | PSY | Psychology                    | 4   | Laboratory course in methods and problems involved in social psychology research. Integrated Writing course.   | UG | LE | Lecture           |
| Spring 2022 | FIN3260 | 3260 | Risk and                       | FIN | Finance                       | 3   | Introduction to principles and practices of personal risk management and insurance. Topics   | UG | LE | Lecture           |
| Spring 2022 | CS4700  | 4700 | Database                       | CS  | Computer                      | 3   | Logical and physical aspects of database management systems are surveyed. Data models  | UG | LL | Lecture/Lab       |
| Spring 2022 | CMH4990 | 4990 | Undergraduate                  | CMH | Community                     | 3   | Undergraduate biomedical research and seminar. Students will participate in hands-on   | UG | LL | Lecture/Lab       |
| Spring 2022 | ML2030  | 2030 | Spanish Culture                | ML  | Modern Languages              | 3   | Introduction to Spain's history, cultures (Spanish as well as non-Spanish), and customs.   | UG | LE | Lecture           |
| Spring 2022 | PTX9220 | 9220 | Scientific Writing 2           | PTX | Pharmacology/ Toxicology      | 3   | Students will independently write a 10-15 page scientific review on a current topic in Pharmacology & Toxicology with at least 25 references.  | GR | IS | Independent Study |
| Spring 2022 | EDS6281 | 6281 | Prof Seminar:                  | EDS | Education -                   | 0.5 | Seminar focus will prepare candidates for state licensure requirements. Topics include:  | GR | SE | Seminar           |
| Spring 2022 | SOC3410 | 3410 | Intro Research                 | SOC | Sociology                     | 3   | Methodological issues required for sociological investigation, including the link between theory   | UG | LE | Lecture           |
| Spring 2022 | ATH6020 | 6020 | Anthropology                   | ATH | Anthropology                  | 3   | (Also REL 5810) An introduction to the anthropological study of the practices and ideas  | GR | LE | Lecture           |
| Spring 2022 | EDL7970 | 7970 | Data Driven Dec-Mkg: Schl Ldrs | EDL | Educational Leadership        | 3   | Exploring the use of appropriate, meaningful data for making decisions for leading schools as a normative professional standard.   | GR | SE | Seminar           |
| Spring 2022 | BMS7600 | 7600 | Molec Bio of the Nucleus       | BMS | Biomedical Sciences           | 3   | (Also listed as BMB 760.) A literature-based course covering molecular events in the nucleus including DNA replication, repair, recombination, and transcription.                          | GR | LE | Lecture           |
| Spring 2022 | MIS4500 | 4500 | Bus Process                    | MIS | Management                    | 3   | Principles of business processes and enterprise information systems. Students identify, model,   | UG | LL | Lecture/Lab       |

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|-------------|----------|-------|---------------------------|-----|-----------------------------|---|---|----|----|-------------------|
| Spring 2022 | PSI9750  | 9750  | Forensic                  | PSI | Professional                | 3 | Introduction to the legal system including an overview of legal and political systems and   | GR | LE | Lecture           |
| Spring 2022 | KNH1100  | 1100  | Bowling                   | KNH | Kinesiology &               | 1 | Fundamental skills and knowledge of Bowling. Competency-based approach. Course may  | UG | LB | Lab               |
| Spring 2022 | BUS4000  | 4000  | Applied                   | BUS | Business                    | 3 | Provide students with contemporary entrepreneurial experience by solving real business  | UG | PR | Practicum         |
| Spring 2022 | ENG4930  | 4930  | Internship in Teaching    | ENG | English                     | 3 | Supervised college-level teaching or tutoring.  | UG | IN | Internship        |
| Spring 2022 | PLS3020  | 3020  | Intro to                  | PLS | Political                   | 3 | Examination of differences among political systems, parliamentary and presidential,   | UG | LE | Lecture           |
| Spring 2022 | PLS4822  | 4822  | Congress Dist Internship  | PLS | Political Science           | 3 | Intern 12-15 hours per week in one of the area's congressional district local offices to assist staff with constituency casework.   | UG | IN | Internship        |
| Spring 2022 | BIO3050L | 3050L | Animal Physiology Lab     | BIO | Biology                     | 0 | Required laboratory for BIO 3050.   | UG | LB | Lab               |
| Spring 2022 | PHL4810  | 4810  | Independent Study         | PHL | Philosophy                  | 1 | Faculty-directed, individualized study on student-selected topics. Limited to majors and advanced students. Permission of department and a minimum 3.0 GPA required.                          | UG | IS | Independent Study |
| Spring 2022 | GR6810   | 6810  | Ind Reading in Greek      | GR  | Greek                       | 1 | Reading and discussion of selected works of Greek literature with emphasis on grammatical, rhetorical, literary, and cultural analysis and criticism. Topics vary.                            | GR | IS | Independent Study |
| Spring 2022 | ME7100   | 7100  | Adv                       | ME  | Mechanical                  | 3 | Introduction to solid mechanics at the graduate level. Topics include theory of elasticity,   | GR | LE | Lecture           |
| Spring 2022 | ANT6030  | 6030  | Biomedical Review Article | ANT | Anatomy                     | 2 | Graduate students will select a biomedical topic, critically analyze the scientific literature associated with it, and write a scientific review article on that topic.                       | GR | IS | Independent Study |
| Spring 2022 | ME6150   | 6150  | Mechanical                | ME  | Mechanical                  | 3 | Analysis and design of mechanical elements including screws, welds, springs, bearings,  | GR | LE | Lecture           |
| Spring 2022 | LDR8011  | 8011  | Prog Eval                 | LDR | Leadership                  | 3 | Study of evaluation design and practical implementation guidelines. Students will develop an  | GR | LE | Lecture           |
| Spring 2022 | KNH7120  | 7120  | Motor Dev: Low Incidence  | KNH | Kinesiology & Health        | 3 | Understand how disabilities impact psychomotor development, ADL, mobility, and independence of individuals with disabilities. Knowledge of activities that contribute to an active lifestyle. | GR | LE | Lecture           |
| Spring 2022 | PPH7050  | 7050  | Health                    | PPH | Population &                | 3 | In-depth study of health systems, the mechanisms of health care delivery, and health policies   | GR | LE | Lecture           |
| Spring 2022 | PLS4300  | 4300  | American Govt Seminar     | PLS | Political Science           | 3 | Selected and varying topics related to American politics and institutions. Emphasis on readings, discussion and research. Topics vary. Integrated Writing course.                             | UG | SE | Seminar           |
| Spring 2022 | PN7760   | 7760  | Intercellular             | PN  | Physiology &                | 3 | Introduces the concepts of intercellular communication through an interdisciplinary   | GR | LE | Lecture           |
| Spring 2022 | ME4750   | 4750  | Mat.                      | ME  | Mechanical                  | 2 | Principles of characterizing materials with respect to crystal structure, micro/nano structure,   | UG | LB | Lab               |
| Spring 2022 | ECE3400  | 3400  | Class Mgmt & Pos Guide    | ECE | Education - Early Childhood | 3 | Child guidance strategies to facilitate learning and promote social well-being in early childhood classrooms. Integrated Writing course.  | UG | LE | Lecture           |
| Spring 2022 | EC4810   | 4810  | Independent Reading       | EC  | Economics                   | 1 | Limited to students with extensive backgrounds in economics or allied disciplines and with special reasons for in-depth study in a particular area.   | UG | IS | Independent Study |
| Spring 2022 | CHM6880  | 6880  | Ind Reading in Chemistry  | CHM | Chemistry                   | 1 | Selected Readings in Chemistry  | GR | IS | Independent Study |
| Spring 2022 | CSD3240  | 3240  | Strategic Mgt             | CSD | Community                   | 3 | Strategic planning responsibilities of administrators in the health care industry. Includes   | UG | LE | Lecture           |
| Spring 2022 | ED4090   | 4090  | Lit Assess                | ED  | Education                   | 3 | Candidates will learn to use a range of literacy assessment instruments to assess student   | UG | LL | Lecture/Lab       |
| Spring 2022 | CS7120   | 7120  | Functional &              | CS  | Computer                    | 3 | This course will discuss concepts of functional programming such as recursive definitions,  | GR | LE | Lecture           |
| Spring 2022 | PSI8110  | 8110  | Cognitive Assessment      | PSI | Professional Psychology     | 3 | Presents basic intelligence, aptitude, and related assessment devices with clinical utility and theoretical underpinnings with adults, adolescents, and children.                             | GR | LE | Lecture           |
| Spring 2022 | MUE4450  | 4450  | Collegium                 | MUE | Music:                      | 1 | Collegium Musicum is the generic term for an instrumental and vocal ensemble devoted to the   | UG | LL | Lecture/Lab       |
| Spring 2022 | REL3640  | 3640  | Religion & Pol            | REL | Religion                    | 3 | Examination of both the historical and the contemporary relation between religion and politics  | UG | LE | Lecture           |
| Spring 2022 | ASM8990  | 8990  | Aeromed                   | ASM | Aerospace                   | 4 | Under supervision of an advisor, students choose research problems, prepare bibliographical   | GR | IS | Independent       |
| Spring 2022 | EDS4400  | 4400  | Collab                    | EDS | Education -                 | 3 | Co-teaching models with emphasis on differentiation, integration of academic  | UG | LE | Lecture           |
| Spring 2022 | GEO6460  | 6460  | Transportation            | GEO | Geography                   | 3 | Overview of principles related to developing and managing public and human service  | GR | LE | Lecture           |
| Spring 2022 | ED6410   | 6410  | MCE: Student Teaching     | ED  | Education                   | 8 | Teacher candidates are assigned to a school for intensive teaching experience in grades 4-9 under the direct supervision of an experienced classroom teacher.                                 | GR | IN | Internship        |
| Spring 2022 | SOC4670  | 4670  | Disability-Pwr, Pol, Prv  | SOC | Sociology                   | 3 | Examines disability from a sociological perspective and provides critical engagement with contemporary issues and debates in disability politics.   | UG | LE | Lecture           |

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|-------------|---------|-------|---------------------------------------|-----|------------------------------------|---|--|----|----|---------------------------|
| Spring 2022 | ACC4390 | 4390  | Advnced&Govr<br>mnt/Not Profit<br>Acc | ACC | Accountancy                        | 3 | Accounting for business consolidations. In addition, the course will introduce fund accounting along with accounting for not-for-profit and governmental entities.                                   | UG | LE | Lecture                   |
| Spring 2022 | CHM1020 | 1020  | Elem Organic<br>Chem w/Appl           | CHM | Chemistry                          | 4 | Introduction to the principles of organic chemistry and biochemistry.  | UG | LE | Lecture                   |
| Spring 2022 | ECE4000 | 4000  | Curr. Design &<br>Integ.              | ECE | Education -<br>Early<br>Childhood  | 3 | Integration of content, philosophies, theories, and practical application in early childhood classrooms. Integrated Writing course.  | UG | LE | Lecture                   |
| Spring 2022 | CNL8640 | 8640  | Practicum                             | CNL | Counseling                         | 3 | Provides an experience in counseling, interviewing, training, and/or consultation in which the   | GR | PR | Practicum                 |
| Spring 2022 | GER3120 | 3120  | German                                | GER | German                             | 3 | Practice in oral use of German emphasizing the culture of the German-speaking world.   | UG | LE | Lecture                   |
| Spring 2022 | CS2200R | 2200R | Discrete Struct<br>Algor Rec          | CS  | Computer<br>Science                | 0 | Required rescitation for CS 2200.  | UG | RE | Recitation                |
| Spring 2022 | RHB3650 | 3650  | Rehab &<br>Corrections                | RHB | Rehabilitation                     | 3 | Introduction to rehabilitation students to corrections. Students will learn about correctional programs and barriers to community reentry for ex-offenders.  | UG | LE | Lecture                   |
| Spring 2022 | PLS6650 | 6650  | Politics of                           | PLS | Political                          | 3 | Introduction to different dimensions of nationalism. Examination of theories and cases of  | GR | SE | Seminar                   |
| Spring 2022 | IHE6980 | 6980  | Special Topics<br>in IHE I            | IHE | Industrial &<br>Hum Fac Engr       | 1 | Graduate special topics in advanced industrial and human factors engineering. Topics vary.   | GR | LE | Lecture                   |
| Spring 2022 | FR3510  | 3510  | French                                | FR  | French                             | 3 | Study of the main currents of French civilization with emphasis on historical aspects.   | UG | LE | Lecture                   |
| Spring 2022 | EDL9300 | 9300  | Practicum I:                          | EDL | Educational                        | 1 | The practicum provides significant opportunities for candidates to synthesize and apply the  | GR | IN | Internship                |
| Spring 2022 | IHE7850 | 7850  | Lean Proc Imp                         | IHE | Industrial &                       | 3 | Introduction to the practical application of lean manufacturing and kaizen techniques in   | GR | LE | Lecture                   |
| Spring 2022 | ME7370  | 7370  | Cardio Biofluid                       | ME  | Mechanical                         | 3 | This course describes the intricate relations between the fluid mechanics and biomedical   | GR | LE | Lecture                   |
| Spring 2022 | PLS3310 | 3310  | Political                             | PLS | Political                          | 3 | General functions, organization, and operation of American political parties. Emphasis on role   | UG | LE | Lecture                   |
| Spring 2022 | BME7310 | 7310  | Adv Ergon                             | BME | Biomedical                         | 3 | Design of workstations and hand-tools using physiology and biomechanics approach.  | GR | LE | Lecture                   |
| Spring 2022 | KNH4880 | 4880  | Independent<br>Study                  | KNH | Kinesiology &<br>Health            | 1 | Independent reading, writing, and/or reporting in areas related to health, physical education, or recreation. Topics vary.   | UG | IS | Independent<br>Study      |
| Spring 2022 | EES6760 | 6760  | Air Quality                           | EES | Earth &                            | 3 | Designed to provide a broad overview of the science of air quality and its management:   | GR | LE | Lecture                   |
| Spring 2022 | PSI9660 | 9660  | Prof. Ethics                          | PSI | Professional                       | 3 | Provides a working knowledge of APA ethical principles and code of conduct, Ohio law and   | GR | LE | Lecture                   |
| Spring 2022 | SOC3000 | 3000  | Internship in                         | SOC | Sociology                          | 3 | Supervised field experience in criminal justice and family agencies. Requires readings, activity   | UG | IN | Internship                |
| Spring 2022 | PSY3630 | 3630  | Condition &<br>Learning Mth           | PSY | Psychology                         | 4 | Problems and methods of research in conditioning, learning, and motivation. Integrated<br>Writing course.  | UG | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | MLB4210 | 4210  | Urine/BodyFlui<br>d Analysis          | MLB | Medical<br>Laboratory<br>Science   | 1 | Study of body fluids, including the pathophysiology of their formation and the biochemical and morphologic methods used to obtain diagnostic information.  | UG | LE | Lecture                   |
| Spring 2022 | BIO6810 | 6810  | Bioinformatic                         | BIO | Biology                            | 3 | Theory-orientated approach to the application of contemporary algorithms to bioinformatics.  | GR | LE | Lecture                   |
| Spring 2022 | ENG6430 | 6430  | Studies in<br>Gender/Sex              | ENG | English                            | 3 | Intensive study of literature from the perspectives of gender theory. Intended to develop an understanding of gender and sexuality as important both to literature and to its critical appreciation. | GR | LE | Lecture                   |
| Spring 2022 | PLS6340 | 6340  | Political                             | PLS | Political                          | 3 | Study of political attitude development and acquisition of basic political orientations and  | GR | LE | Lecture                   |
| Spring 2022 | ISE1950 | 1950  | Undergrad<br>Resrch ISE I             | ISE | Industrial &<br>Systems Engr       | 1 | Undergraduate research in Industrial and Systems Engineering. Topics vary.   | UG | IS | Independent<br>Study      |
| Spring 2022 | PHY6460 | 6460  | Int. Phy Sci &                        | PHY | Physics                            | 4 | Integration of physics and mathematics, fulfilling science and math standards, physics   | GR | LL | Lecture/Lab               |
| Spring 2022 | EDS4190 | 4190  | Dyslexia                              | EDS | Education -                        | 3 | Practices and procedures used in developing curricula for individuals with dyslexia and  | UG | LE | Lecture                   |
| Spring 2022 | PLS6390 | 6390  | Bioethics and<br>Law                  | PLS | Political<br>Science               | 3 | Examines legal implications of new biological technologies, particularly mind and behavior control, genetic engineering, birth and death control and organ transplantation.                          | GR | LE | Lecture                   |
| Spring 2022 | WGS5050 | 5050  | Topics<br>Sexuality<br>Studies        | WGS | Women,<br>Gender, and<br>Sexuality | 3 | Issues, approaches, and topics in the field of sexuality studies. Titles and topics vary.  | GR | LE | Lecture                   |
| Spring 2022 | ED7450  | 7450  | Content                               | ED  | Education                          | 3 | Exploration of content area learning with an emphasis on effective literacy strategies including:  | GR | LL | Lecture/Lab               |
| Spring 2022 | TTW6490 | 6490  | TTW Int. Job                          | TTW | Transition to                      | 1 | Students assigned to an experienced job training coordinator in the field for observing,   | GR | IN | Internship                |
| Spring 2022 | CS6710  | 6710  | Intro to Data                         | CS  | Computer                           | 3 | Introduction to the fundamentals of data mining. Emphasis is on data   | GR | LL | Lecture/Lab               |

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|-------------|---------|------|--------------------------|-----|-----------------------------|---|--|----|----|---------------------------|
| Spring 2022 | REL5820 | 5820 | Sociology of Religion    | REL | Religion                    | 3 | (Also listed as SOC 5110.) Treatment of religion as a social institution. Examines the influence of religion on society.   | GR | LE | Lecture                   |
| Spring 2022 | MUE6940 | 6940 | Univ Women's Chorale     | MUE | Music: Ensembles            | 1 | Development of advanced choral and vocal skills. Emphasis on advanced choral literature from a wide range of historical and compositional styles. Audition required.                               | GR | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | ECE7300 | 7300 | Soc Dev and Play in ECE  | ECE | Education - Early Childhood | 3 | Social, cognitive, and emotional development theories as they relate to the play of young children.  | GR | LE | Lecture                   |
| Spring 2022 | EE6470  | 6470 | Antenna                  | EE  | Electrical                  | 3 | Linear dipole antennas, antenna arrays, thin-wire antennas, moment method analysis   | GR | LE | Lecture                   |
| Spring 2022 | STT2640 | 2640 | Elementary Statistics    | STT | Statistics                  | 4 | Numerical and graphical methods for finding and summarizing important features of data.  | UG | LE | Lecture                   |
| Spring 2022 | MKT7150 | 7150 | Viral Mkt & SLM          | MKT | Marketing                   | 3 | This course focuses on theory, application and practice associated with viral marketing  | GR | LE | Lecture                   |
| Spring 2022 | EDT7220 | 7220 | SLM                      | EDT | Educational                 | 3 | Developing school library collections for children. Introduction to children's literature including  | GR | LL | Lecture/Lab               |
| Spring 2022 | EC5100  | 5100 | Math for Economics       | EC  | Economics                   | 3 | Algebra and calculus preparation for economics applications.   | GR | LE | Lecture                   |
| Spring 2022 | HST4750 | 4750 | 21st-Century History     | HST | History                     | 3 | Examines particular stages of the 21st-century American experience or selected topics. Integrated Writing course.  | UG | LE | Lecture                   |
| Spring 2022 | PHY4800 | 4800 | Classical Mechanics      | PHY | Physics                     | 3 | Introduction to classical theoretical physics. Emphasis on mechanics and mathematical techniques.  | UG | LE | Lecture                   |
| Spring 2022 | MGT7510 | 7510 | Applied Ldr              | MGT | Management                  | 3 | This course focuses on the development of leadership skills for managing in organizations.   | GR | LE | Lecture                   |
| Spring 2022 | FIN4270 | 4270 | Practicum in Fin Plan    | FIN | Finance                     | 3 | Financial planning laboratories and workshops on interviewing techniques, data gathering, plan preparation, and computerized planning models. Integrated Writing course.                           | UG | LE | Lecture                   |
| Spring 2022 | NUR7115 | 7115 | Independent Study        | NUR | Nursing                     | 1 | Independent study of selected topic with guidance from faculty   | GR | LE | Lecture                   |
| Spring 2022 | IHE7371 | 7371 | Fail Analysis            | IHE | Industrial & Art            | 3 | Failure modes of medical devices. Common medical devices such as total joint replacement   | GR | LE | Lecture                   |
| Spring 2022 | ART2120 | 2120 | Art Hist II: Ren Contemp | ART | Art                         | 3 | Historical survey of modern painting and sculpture in the Western world from the Renaissance to the present.   | UG | LE | Lecture                   |
| Spring 2022 | MTE6450 | 6450 | Geometry Mid             | MTE | Mathematics                 | 3 | A study of two- and three-dimensional geometry appropriate for grade 4-10 teachers.  | GR | LL | Lecture/Lab               |
| Spring 2022 | PPH8120 | 8120 | HSM Practice Placement   | PPH | Population & Public Health  | 1 | This practice placement will provide the student with the opportunity to engage in any area of population health, health systems, health policy, health economics and/or health finance.           | GR | PR | Practicum                 |
| Spring 2022 | FIN4240 | 4240 | Investing in Real Estate | FIN | Finance                     | 3 | Explores the theory and practice of real estate investment analysis as it relates to personal financial planning objectives.   | UG | LE | Lecture                   |
| Spring 2022 | MUS6550 | 6550 | Vocal                    | MUS | Music                       | 2 | Survey of vocal literature from the 18th through   | GR | LE | Lecture                   |
| Spring 2022 | ES7010  | 7010 | Sel Topics in Env Sci    | ES  | Environmental Sciences      | 1 | New or existing courses for which a formal ES course designation does not yet exist, but for which an ES course designation may be warranted on a case by case basis.                              | GR | LR | Lecture/Recitation        |
| Spring 2022 | CHM4680 | 4680 | Experimental             | CHM | Chemistry                   | 3 | Laboratory experiments include fabrication of nanomaterials such as metal nanoparticles and  | UG | LE | Lecture                   |
| Spring 2022 | TH1580  | 1580 | Singing Mus Theatre II   | TH  | Theatre                     | 2 | Private singing lessons for musical theatre.   | UG | ST | Studio                    |
| Spring 2022 | BIO4810 | 4810 | Bioinformatic            | BIO | Biology                     | 3 | Theory-oriented approach to application of contemporary algorithms to bioinformatics. Graph  | UG | LE | Lecture                   |
| Spring 2022 | ARA3210 | 3210 | Adv ARA                  | ARA | Arabic                      | 3 | A course based in western approaches to Arabic morphology and grammar, designed to   | UG | LE | Lecture                   |
| Spring 2022 | EC3170  | 3170 | Intermed Macroeconomics  | EC  | Economics                   | 3 | Analysis of national economic problems including inflation, unemployment, interest rates, and economic stability. Emphasizes the impact of public policy. Integrated Writing course.               | UG | LE | Lecture                   |
| Spring 2022 | EDL7100 | 7100 | Tchr Ldr Mstr Sem: Entry | EDL | Educational Leadership      | 1 | Examining belief systems, teaching styles, teachers as learners; intra- and interpersonal communication skills needed in leadership roles; and functioning in a multicultural/pluralistic society. | GR | LE | Lecture                   |
| Spring 2022 | EE7830  | 7830 | Machine                  | EE  | Electrical                  | 3 | Reviews the development of machine learning paradigms. Introductory topics include   | GR | LE | Lecture                   |
| Spring 2022 | ED7860  | 7860 | Assess & Eval for Instr  | ED  | Education                   | 3 | This course provides students (teachers and leaders) with foundational background in the design and implementation of Project Based Learning (PBL) in a K-12 classroom.                            | GR | LE | Lecture                   |
| Spring 2022 | DOS9080 | 9080 | Struc Equation           | DOS | Doctor Org                  | 3 | This course will develop comprehension and skills for Structural Equation Modeling   | GR | SE | Seminar                   |
| Spring 2022 | ENG4610 | 4610 | Rhetoric,                | ENG | English                     | 3 | Rhetorical approaches to analyzing language and persuasion. Topics include the role of   | UG | LE | Lecture                   |
| Spring 2022 | BIO4550 | 4550 | Plant Systematics        | BIO | Biology                     | 4 | The diversity of vascular plant species with an emphasis on angiosperms, phylogenetic relationships and methods, terminology pertinent to taxonomic classification and                             | UG | LE | Lecture                   |

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|-------------|----------|-------|--------------------------------|-----|--------------------------------------|-----|--|----|----|---------------------------|
| Spring 2022 | CNL6620  | 6620  | Prob Stu                       | CNL | Counseling                           | 3   | Considers physical, psychological, and personality development of students. The  | GR | LE | Lecture                   |
| Spring 2022 | KNH1220A | 1220A | Fencing:<br>Competitive        | KNH | Kinesiology &<br>Health              | 1   | Intermediate level of skills and knowledge in Fencing: Competitive. Competency-based approach. Course may accommodate disabled students when appropriate.                                      | UG | LB | Lab                       |
| Spring 2022 | CHI3220  | 3220  | Adv. Chinese                   | CHI | Chinese                              | 3   | Continuation of Chinese composition skills development through intensive reading and writing   | UG | LE | Lecture                   |
| Spring 2022 | KNH1020B | 1020B | Aerobic<br>Conditioning        | KNH | Kinesiology &<br>Health              | 1   | Fundamental skills and knowledge of Aerobic Conditioning. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                       |
| Spring 2022 | SW3000   | 3000  | Research<br>Methods in LA      | SW  | Social Work                          | 3   | Introduces social science and humanities majors to research design, and the kinds of data produced, in describing, explaining, and understanding social problems.                              | UG | LE | Lecture                   |
| Spring 2022 | IT2010   | 2010  | Photoshop I                    | IT  | Information<br>Technology            | 3   | Introduction to computer imaging and photo manipulation using raster-based Photoshop software. Filters and text will be explored. 2 hours lecture/2 hours lab.                                 | UG | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | ASM7471  | 7471  | Environmental                  | ASM | Aerospace                            | 3   | Interaction of humans with occupational environments and environmental exposures of both   | GR | LE | Lecture                   |
| Spring 2022 | SAA4100  | 4100  | Spcl Topics:<br>Res Life       | SAA | Student Affairs<br>in Higher Ed      | 1   | Topics related to the training of Residence Life staff and student leaders.  | UG | LE | Lecture                   |
| Spring 2022 | IB4860   | 4860  | Intl Trade                     | IB  | International                        | 3   | Concepts and principles required to develop an import/export strategy and conduct  | UG | LE | Lecture                   |
| Spring 2022 | EES4780  | 4780  | Env Sciences<br>Seminar        | EES | Earth &<br>Environmental<br>Sciences | 1   | Examination of environmental issues and presentation of findings to the class.   | UG | SE | Seminar                   |
| Spring 2022 | OIS1150  | 1150  | Business/Offic<br>e Corres     | OIS | Office<br>Information<br>Systems     | 3   | Study of terminology and formats used in business communication: letters, reports, memos, diction, grammar, sentence construction, punctuation, and spelling.                                  | UG | LE | Lecture                   |
| Spring 2022 | PHY4460  | 4460  | Multiple Rep                   | PHY | Physics                              | 3   | Acquaints physics teachers with the multiple representation method used in constructing  | UG | LL | Lecture/Lab               |
| Spring 2022 | STT7920  | 7920  | Biostat                        | STT | Statistics                           | 2   | Consultation with clients on biostatistical problems, under the direct supervision of a  | GR | PR | Practicum                 |
| Spring 2022 | ART5130  | 5130  | Renaissance<br>Art             | ART | Art                                  | 3   | General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary.  | GR | LE | Lecture                   |
| Spring 2022 | PHL4710  | 4710  | Philosophy of                  | PHL | Philosophy                           | 3   | Analysis of the techniques of reasoning used in both natural and social science. Exploration of  | UG | LE | Lecture                   |
| Spring 2022 | SLI4700  | 4700  | Specialized                    | SLI | Sign                                 | 3   | Skills and vocabulary essential for settings such as legal, technical, government, theater and   | UG | LE | Lecture                   |
| Spring 2022 | PSY4430  | 4430  | Psychometrics<br>Capstone      | PSY | Psychology                           | 3   | Communication-intensive seminar integrating knowledge on psychometrics. Integrated Writing course.   | UG | SE | Seminar                   |
| Spring 2022 | KNH1340B | 1340B | Judo                           | KNH | Kinesiology &<br>Health              | 1   | Fundamental skills and knowledge of Judo. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                       |
| Spring 2022 | PLS3400  | 3400  | Law and<br>Society             | PLS | Political<br>Science                 | 3   | Theories of law and the nature and functions of the judicial process.  | UG | LE | Lecture                   |
| Spring 2022 | ED6500   | 6500  | Specific<br>Studies in<br>Educ | ED  | Education                            | 0.5 | Provides developing professional educators instruction in current trends and issues in adolescence and young adult social studies.   | GR | IS | Independen<br>t Study     |
| Spring 2022 | BIO4200  | 4200  | Designing<br>Biological Exp    | BIO | Biology                              | 3   | Principles of effective sampling design for biological studies, reconcile the peculiarities of biological data with the assumptions of statistical methods.                                    | UG | LE | Lecture                   |
| Spring 2022 | SAA7630  | 7630  | Diversity                      | SAA | Student Affairs                      | 2   | Multidisciplinary learning opportunity for students to explore and broaden their understanding   | GR | LE | Lecture                   |
| Spring 2022 | PSY4050  | 4050  | Honors<br>Seminar              | PSY | Psychology                           | 2   | Primarily derived from current honors thesis research. Literature surveys, experimental designs, and special analytical problems presented and discussed by students and faculty. Topics vary. | UG | SE | Seminar                   |
| Spring 2022 | IHE8950  | 8950  | Dissertation<br>Resrch IHE     | IHE | Industrial &<br>Hum Fac Engr         | 1   | Ph.D. Dissertation Research in Industrial and Human Factors Engineering  | GR | IS | Independen<br>t Study     |
| Spring 2022 | HED4430  | 4430  | Hlth Progr<br>Planning Eval    | HED | Health<br>Education                  | 3   | Knowledge and skills for planning, implementing, and evaluating school and community health education programs. Integrated Writing course.   | UG | LE | Lecture                   |
| Spring 2022 | PHY8000  | 8000  | Seminar                        | PHY | Physics                              | 1   | Scheduled discussions of current problems in physics. Centered around guest lecturer and student presentations.  | GR | SE | Seminar                   |
| Spring 2022 | CEG2171L | 2171L | C++ Prog for<br>Sci & Egr Lab  | CEG | Computer<br>Engineering              | 0   | Required laboratory for CEG 2171. Integrated Writing course.   | UG | LB | Lab                       |
| Spring 2022 | RHB3810  | 3810  | Intro Disability               | RHB | Rehabilitation                       | 3   | Introduction to the interdisciplinary field of disability studies, with a focus on the critical analysis   | UG | LE | Lecture                   |
| Spring 2022 | M&I4310  | 4310  | Virology                       | M&I | Microbiology &<br>Immunology         | 3   | Intrinsic properties of viruses that cause human disease and their interaction with cells, multiplication, genetics, and tumor induction.  | UG | LE | Lecture                   |



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|-------------|----------|-------|-------------------------------|-----|----------------------------|---|--|----|----|--------------------|
| Spring 2022 | CS3100   | 3100  | Data Struc &                  | CS  | Computer                   | 3 | Study of the implementation of data structures and control structures in professional computer   | UG | LE | Lecture            |
| Spring 2022 | ED7110   | 7110  | Student Learning & Motivation | ED  | Education                  | 3 | Understand theories of learning and motivation as well as appropriate preK-12 assessment in the context of principles from the field of educational psychology.                            | GR | LE | Lecture            |
| Spring 2022 | PSY5410  | 5410  | Lifespan Development Psy      | PSY | Psychology                 | 3 | Survey of theory, research, and methodological issues in the study of development across the lifespan.   | GR | LE | Lecture            |
| Spring 2022 | EE4440   | 4440  | Electronic                    | EE  | Electrical                 | 3 | Theory and applications of integrated circuits. Bipolar and field effect transistor amplifier  | UG | LE | Lecture            |
| Spring 2022 | ISM8400  | 8400  | Dissertation                  | ISM | Interdis. Appl.            | 1 | The research work to be performed will be supervised by an ISM Program Faculty member.   | GR | IS | Independen         |
| Spring 2022 | NUR3100  | 3100  | Patho Across                  | NUR | Nursing                    | 3 | Focuses on physiological change, clinical manifestations, and diagnostic criteria in a variety of  | UG | LE | Lecture            |
| Spring 2022 | DS7950   | 7950  | MSDS Thesis                   | DS  | Data Science               | 1 | Students in DS 7950 will conduct a research project that involves developing a contemporary  | GR | IS | Independen         |
| Spring 2022 | ME5760   | 5760  | Diffusion and                 | ME  | Mechanical                 | 3 | Fundamentals of structure property relations in metals and alloys related to transformations   | GR | LE | Lecture            |
| Spring 2022 | ENG2510  | 2510  | Textual Analysis MCE          | ENG | English                    | 3 | Understanding strategies for reading, interpreting, and analyzing informational, persuasive, and literary texts.   | UG | LE | Lecture            |
| Spring 2022 | DOS9030  | 9030  | Systems Change Org Set        | DOS | Doctor Org Studies         | 3 | Doctoral level course in application of systems and theories of change, with a focus on leadership and policy implications in community, government, non-profit, and educational settings. | GR | LE | Lecture            |
| Spring 2022 | ATH2150  | 2150  | Comp                          | ATH | Anthropology               | 3 | Introduction to basic concepts, ideas, issues and debates in cultural anthropology, using  | UG | LE | Lecture            |
| Spring 2022 | MUS4800  | 4800  | Workshops in Music            | MUS | Music                      | 1 | Selected special topics or problems in music or special areas of music teaching. Titles vary.  | UG | LE | Lecture            |
| Spring 2022 | PSI9480  | 9480  | Mindful Based Clin Inter      | PSI | Professional Psychology    | 3 | Students will learn mindfulness theory, practice, and clinical applications.   | GR | LE | Lecture            |
| Spring 2022 | LAT1010  | 1010  | Beginning Latin I             | LAT | Latin                      | 3 | Introduction to methods and grammatical concepts necessary for further study in Latin.   | UG | LE | Lecture            |
| Spring 2022 | LE1030   | 1030  | Intr to Crim                  | LE  | Law                        | 3 | Organization and functioning of the court system. Review of arrest and search procedures,  | UG | LE | Lecture            |
| Spring 2022 | OIS2480  | 2480  | Capstone                      | OIS | Office Information Systems | 2 | Comprehensive project in office applications.  | UG | IS | Independen t Study |
| Spring 2022 | KNH1530  | 1530  | SCUBA:                        | KNH | Kinesiology &              | 2 | Fundamental skills and knowledge of SCUBA: Newport Aquarium. Competency-based  | UG | LB | Lab                |
| Spring 2022 | PSY3310  | 3310  | Personality Psychology        | PSY | Psychology                 | 3 | Survey of contemporary perspectives in personality psychology. Compares theories, research methods, assessment strategies, and applications.   | UG | LE | Lecture            |
| Spring 2022 | KNH1040A | 1040A | Army Fitness Training         | KNH | Kinesiology & Health       | 1 | Fundamental skills and knowledge of Army Fitness Training. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                |
| Spring 2022 | ENG4850  | 4850  | Sp Topics Creative Wrtg       | ENG | English                    | 3 | Specialized courses in genres, modes, styles, practices, creative processes, and the craft of fiction, creative non-fiction, poetry, or playwriting. Integrated Writing course.            | UG | LE | Lecture            |
| Spring 2022 | ME4620   | 4620  | Mech and Mat                  | ME  | Mechanical                 | 2 | Introduces experimental methods needed to perform mechanical testing and the impact of   | UG | LL | Lecture/Lab        |
| Spring 2022 | BME4421  | 4421  | Biotransport                  | BME | Biomedical                 | 3 | Behavior of fluids as encountered in everyday life, general engineering and biomedical   | UG | LE | Lecture            |
| Spring 2022 | CEG7420  | 7420  | Rev Egr &                     | CEG | Computer                   | 3 | This course will build on computer security topics discussed in CEG 6420, Host Computer  | GR | LE | Lecture            |
| Spring 2022 | EE7590   | 7590  | CMOS RF IC                    | EE  | Electrical                 | 3 | Introduction to the design of Radio Frequency Integrated Circuits using CMOS technology.   | GR | LE | Lecture            |
| Spring 2022 | KNH2000A | 2000A | Army Fitness Tr. III          | KNH | Kinesiology & Health       | 1 | Fundamental skills and knowledge of Army Fitness Training. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                |
| Spring 2022 | GER5810  | 5810  | Applied Elem Ger Instr.       | GER | German                     | 1 | Assist GER 1010 or GER 1020 course instructors in conducting classes. Taught in German. Instructor Permission required.  | GR | LE | Lecture            |
| Spring 2022 | ED6180   | 6180  | Assess Midle                  | ED  | Education                  | 3 | This course focuses on varying assessment techniques and strategies (teacher-created and   | GR | LE | Lecture            |
| Spring 2022 | MUS2310  | 2310  | Percussion Pedagogy           | MUS | Music                      | 1 | Class instruction. Materials and pedagogy.   | UG | LE | Lecture            |
| Spring 2022 | PHL5010  | 5010  | Ancient Philosophy            | PHL | Philosophy                 | 3 | History of philosophy from the Pre-Socratics to Neo-Platonism. Topics vary.  | GR | LE | Lecture            |
| Spring 2022 | CEG4510  | 4510  | 3D                            | CEG | Computer                   | 3 | Transformations, interpolation, morphing, camera control, hierarchical kinematic modeling,   | UG | LE | Lecture            |
| Spring 2022 | ENG4950  | 4950  | TEFL                          | ENG | English                    | 3 | Intensive study of selected special topics or problems to meet the particular needs of   | UG | LE | Lecture            |

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|-------------|----------|-------|--------------------------|-----|--------------------------|---|---|----|----|-------------------------|
| Spring 2022 | LA6000   | 6000  | CELIA Internship         | LA  | Liberal Arts             | 1 | Internship with a local arts organization under the auspices of CELIA, Wright State's Ohio Center of Excellence in Collaborative Education, Leadership and Innovation in the Arts.    | GR | IN | Internship              |
| Spring 2022 | PSI9973  | 9973  | Practicum III            | PSI | Professional Psychology  | 1 | Field experience supervised by a licensed psychologist.   | GR | IS | Independent Study       |
| Spring 2022 | RHB3830  | 3830  | Disability               | RHB | Rehabilitation           | 3 | Provides culminating experience of the minor, focusing on integration and application of  | UG | LE | Lecture                 |
| Spring 2022 | KNH1450  | 1450  | Rape Def Strat Basic     | KNH | Kinesiology & Health     | 1 | Fundamental skills and knowledge of Rape Defense Strategies: Basic. Competency-based approach. Course may accommodate disabled students when appropriate.                             | UG | LB | Lab                     |
| Spring 2022 | COM1030  | 1030  | Writing for Com          | COM | Communication            | 3 | Introduction to fundamentals of critical inquiry. Study of critical thinking, conducting research and analysis. Comprehensive academic writing included                               | UG | LL | Lecture/Lab Combination |
| Spring 2022 | MKT7800  | 7800  | MKT Analytics            | MKT | Marketing                | 3 | Analysis of online and internal company data, with an emphasis on application and recommendations.  | GR | LE | Lecture                 |
| Spring 2022 | TH3200   | 3200  | Applied Theatre Tech I   | TH  | Theatre                  | 3 | Practical study in technical execution. Emphasis on daily operation of theatre production facilities and shops. Participation in all major department productions required.           | UG | LB | Lab                     |
| Spring 2022 | EDT7860  | 7860  | Ed Apps of Computers     | EDT | Educational Technology   | 3 | Explores types of educational software and applications, software evaluation, curriculum development, and lesson planning integrating computer courseware.                            | GR | LL | Lecture/Lab Combination |
| Spring 2022 | CHM5880  | 5880  | Independent Reading      | CHM | Chemistry                | 1 |   | GR | IS | Independent Study       |
| Spring 2022 | PSY5130L | 5130L | Meth in Clinical Psyc    | PSY | Psychology               | 0 | Required laboratory for PSY 5130.   | GR | LB | Lab                     |
| Spring 2022 | ASM7973  | 7973  | Aerospace                | ASM | Aerospace                | 1 | Independent research on a topic of aerospace medical relevance culminating with a formal  | GR | IS | Independent             |
| Spring 2022 | LE1100   | 1100  | Police                   | LE  | Law                      | 3 | Ohio Police Training Academy curriculum. Introduction to basic training, the criminal justice   | UG | LL | Lecture/Lab             |
| Spring 2022 | CHM4350L | 4350L | Instrumental Analy Lab   | CHM | Chemistry                | 3 | Instrumental techniques and analysis giving practical experience in the operation of chemical instrumentation.  | UG | LB | Lab                     |
| Spring 2022 | GER4330  | 4330  | 20th Cent                | GER | German                   | 3 | Readings and reports in 20th-century poetry. Representative works of Rilke, George, Trakl,  | UG | LE | Lecture                 |
| Spring 2022 | MUS1550  | 1550  | Keyboard                 | MUS | Music                    | 1 | Class instruction in functional keyboard skills including technique, chord construction and   | UG | LE | Lecture                 |
| Spring 2022 | PHL5800  | 5800  | Ident.                   | PHL | Philosophy               | 3 | Study of three fundamental beliefs when thinking ethically: that a person exists as one person  | GR | LE | Lecture                 |
| Spring 2022 | ENG7240  | 7240  | Professional Writing     | ENG | English                  | 3 | Current approaches to the study of technical, business, and other specialized writing. Critical and historical analyses are supplemented by assignments in writing the studied forms. | GR | LE | Lecture                 |
| Spring 2022 | EES5620  | 5620  | General                  | EES | Earth &                  | 3 | Relationship of physical/chemical/biotic environments to design/operation of systems and  | GR | LE | Lecture                 |
| Spring 2022 | MUA2410  | 2410  | Applied Music            | MUA | Music: Applied Music     | 4 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.                              | UG | IS | Independent Study       |
| Spring 2022 | PLS3420  | 3420  | Civ Lib I: 1st Amendment | PLS | Political Science        | 3 | Cases and related materials on the Bill of Rights and the Fourteenth Amendment with emphasis on the First Amendment freedoms: freedom of speech, of the press, and of religion.       | UG | LE | Lecture                 |
| Spring 2022 | SOC6100  | 6100  | Political                | SOC | Sociology                | 3 | Focuses on the anthropological study of political life cross-culturally. Presents evolutionary and  | GR | LE | Lecture                 |
| Spring 2022 | PTX7022  | 7022  | Effective Sci Writing:P2 | PTX | Pharmacology/ Toxicology | 3 | Students will independently write a 10-15 page scientific review on a current topic in Pharmacology & Toxicology with at least 25 references.   | GR | LE | Lecture                 |
| Spring 2022 | KNH1340  | 1340  | Judo                     | KNH | Kinesiology & Health     | 1 | Fundamental skills and knowledge of Judo. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | PPH7140  | 7140  | Social                   | PPH | Population &             | 3 | This course provides an introduction to the major theories, methods, models, and findings of  | GR | SE | Seminar                 |
| Spring 2022 | CEG4450  | 4450  | Sensor Net               | CEG | Computer                 | 3 | Introduction to wireless sensor networks, fundamental problems and their solutions. Focus on  | UG | LE | Lecture                 |
| Spring 2022 | CS6810   | 6810  | Bioinformatic            | CS  | Computer                 | 3 | Theory-orientated approach to the application of contemporary algorithms to bioinformatics.   | GR | LE | Lecture                 |
| Spring 2022 | EES6200  | 6200  | Micropaleontol           | EES | Earth &                  | 3 | Understand the origination, evolution, and diversity of microfossil organisms. The utilization of   | GR | LB | Lab                     |
| Spring 2022 | PLS6910  | 6910  | Independent Research     | PLS | Political Science        | 1 | Supervised individual research on a selected topic arranged between the student and faculty member directing the study.   | GR | IS | Independent Study       |
| Spring 2022 | FIN3220  | 3220  | Intro                    | FIN | Finance                  | 3 | Introduction to algorithmic trading and Direct Market Access (DMA) trading strategies. Class  | UG | LL | Lecture/Lab             |
| Spring 2022 | KNH1240A | 1240A | Golf                     | KNH | Kinesiology & Health     | 1 | Fundamental skills and knowledge of Golf. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | ED4180   | 4180  | Assess for Mid           | ED  | Education                | 3 | Varying assessment techniques and strategies (teacher-created and standardized) utilized in   | UG | LE | Lecture                 |
| Spring 2022 | FAS2060  | 2060  | Agriculture              | FAS | Food and                 | 1 | Exploration of economic, cultural, social, and agricultural production issues in a region (or   | UG | LL | Lecture/Lab             |

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|-------------|----------|-------|----------------------------|-----|---------------------------|---|--|----|----|-------------------|
| Spring 2022 | PHY6100  | 6100  | Physics Lab Techniques     | PHY | Physics                   | 2 | Proficiency with general laboratory and measurement techniques, knowledge of physical sensors and data reduction techniques. Application to simple physical systems.                                 | GR | LB | Lab               |
| Spring 2022 | CHM3120  | 3120  | Quantitative Analysis      | CHM | Chemistry                 | 2 | Introduction to chemical methods of analysis covering traditional as well as modern techniques and equipment; emphasis on calculations and the interpretation of analytical data.                    | UG | LE | Lecture           |
| Spring 2022 | MUA4410  | 4410  | Applied Music              | MUA | Music: Applied Music      | 4 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.   | UG | IS | Independent Study |
| Spring 2022 | REL5790  | 5790  | Topics in Greco-Rom Rels   | REL | Religion                  | 3 | Examination of selected topics related to the practice of religion in the Greco-Roman world.   | GR | LE | Lecture           |
| Spring 2022 | SLI3580  | 3580  | Adv ASL for                | SLI | Sign                      | 3 | An advanced American Sign Language (ASL) course designed for interpreters for the Deaf.  | UG | LE | Lecture           |
| Spring 2022 | IT4400   | 4400  | Motion                     | IT  | Information               | 3 | Creating engaging interactive content for mobile-device apps using the industry-leading  | UG | LL | Lecture/Lab       |
| Spring 2022 | EXB6500L | 6500L | Clinical Exercise Phys Lab | EXB | Exercise Biology          | 0 | Required laboratory for EXB 6500.  | GR | LB | Lab               |
| Spring 2022 | PN8000   | 8000  | Physiology Seminar         | PN  | Physiology & Neuroscience | 1 | Two seminars (Physiology Seminar I and II) run concurrent with the Department of Neuroscience, Cell Biology and Physiology Seminar Series.   | GR | SE | Seminar           |
| Spring 2022 | BME4990  | 4990  | Independ Stdy in BME II    | BME | Biomedical Engineering    | 1 | Undergraduate independent studies in advanced biomedical engineering. Topics vary.   | UG | IS | Independent Study |
| Spring 2022 | JPN1020  | 1020  | Beginning                  | JPN | Japanese                  | 3 | Communicative introduction to Japanese language and culture. Study of the vocabulary and   | UG | LE | Lecture           |
| Spring 2022 | NUR7901  | 7901  | Advances in                | NUR | Nursing                   | 3 | Individually mentored practicum that requires advanced nursing practice with individuals and   | GR | CL | Clinical          |
| Spring 2022 | SW7660   | 7660  | SW Field Ed Seminar III    | SW  | Social Work               | 1 | Integrates the Field Education III experiences and coursework. Offered concurrently with advanced generalist fieldwork and competencies.   | GR | SE | Seminar           |
| Spring 2022 | AES1220  | 1220  | IMT                        | AES | Aerospace                 | 0 | Air Force Reserve Officer Training Corps training. Application of Air Force tactics, techniques,   | UG | LB | Lab               |
| Spring 2022 | TH4130   | 4130  | Acting                     | TH  | Theatre                   | 3 | Students assemble audition pieces, interview skills, financial plans, resumes, headshots, web-   | UG | LL | Lecture/Lab       |
| Spring 2022 | PHY7100  | 7100  | Quantum Mechanics I        | PHY | Physics                   | 3 | Principles of non-relativistic quantum mechanics, Schroedinger's equation and matrix mechanics. Facility with applications to atomic, molecular, nuclear, solid state, spin, and biological systems. | GR | LE | Lecture           |
| Spring 2022 | CNL7230  | 7230  | Asses & Eval               | CNL | Counseling                | 3 | Explores best practice and use of instruments used in counseling assessment and evaluation.  | GR | LE | Lecture           |
| Spring 2022 | EES4200  | 4200  | Micropaleontol             | EES | Earth &                   | 4 | Origin, evolution, and diversity of microfossil organisms. Use of microfossils as  | UG | LE | Lecture           |
| Spring 2022 | KNH1340A | 1340A | Judo                       | KNH | Kinesiology & Health      | 1 | Fundamental skills and knowledge of Judo. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab               |
| Spring 2022 | CLS5300  | 5300  | Ancient Literature         | CLS | Classics                  | 3 | Offers variety of topics including drama, epic, and lyric poetry; prose; selected themes in ancient literature; and literary criticism.  | GR | LE | Lecture           |
| Spring 2022 | CLS3600  | 3600  | Ancient Mythology          | CLS | Classics                  | 3 | Greek and Roman mythology; aspects of and approaches to the study of myths. Integrated Writing course.   | UG | LE | Lecture           |
| Spring 2022 | FR6130   | 6130  | FR Instruc                 | FR  | French                    | 1 | Peer teachers observe elementary and/or intermediate level classes. Continuation of  | GR | PR | Practicum         |
| Spring 2022 | EES3450  | 3450  | Concepts EES               | EES | Earth &                   | 4 | Introductory survey of geoscience. Rocks and minerals, plate tectonics, geologic time,   | UG | LL | Lecture/Lab       |
| Spring 2022 | PLS6881  | 6881  | Diplomacy &                | PLS | Political                 | 3 | Topics include power and leverage; negotiation strategies; mediation and third-party   | GR | SE | Seminar           |
| Spring 2022 | EDS6040  | 6040  | Curr Methds                | EDS | Education -               | 3 | Explores Least Restrictive Environment (LRE) options by using formal and informal measures   | GR | LL | Lecture/Lab       |
| Spring 2022 | HST4600  | 4600  | Early American History     | HST | History                   | 3 | Examines Colonial, Revolutionary, and early Republic periods of American history. Topics vary. Integrated Writing course.  | UG | LE | Lecture           |
| Spring 2022 | EES4340  | 4340  | Mapping                    | EES | Earth &                   | 2 | Basic skills of mapping and measurement with a Brunton compass as applied to field studies   | UG | LL | Lecture/Lab       |
| Spring 2022 | PTX7010  | 7010  | Research                   | PTX | Pharmacology/             | 4 | Practical laboratory experiences in commonly used biological techniques including DNA  | GR | LL | Lecture/Lab       |
| Spring 2022 | REL3100  | 3100  | Topics in Judaism          | REL | Religion                  | 3 | Topics vary.   | UG | LE | Lecture           |
| Spring 2022 | CS1150   | 1150  | Intro to Comp              | CS  | Computer                  | 4 | Expose students to the scientific method as implemented in computer science. Topics include  | UG | LE | Lecture           |
| Spring 2022 | BMS9960  | 9960  | Laboratory                 | BMS | Biomedical                | 1 | Independent study designed to develop proficiency in technology, instrumentation, research   | GR | LB | Lab               |
| Spring 2022 | CHM4880  | 4880  | Ind Reading Chemistry      | CHM | Chemistry                 | 1 | Selected readings in Chemistry.  | UG | IS | Independent Study |
| Spring 2022 | IT1400   | 1400  | Layout and                 | IT  | Information               | 3 | Fundamentals of typography as an element and tool of visual communication. Use of various  | UG | LL | Lecture/Lab       |

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|-------------|----------|-------|--------------------------|-----|-------------------------------|---|---|----|----|-------------------------|
| Spring 2022 | BIO3530L | 3530L | Exercise Physiology Lab  | BIO | Biology                       | 0 | Required laboratory for BIO 3530.   | UG | LB | Lab                     |
| Spring 2022 | ART2110  | 2110  | Art Hist I: Ancient-Ren  | ART | Art                           | 3 | Historical survey of painting and sculpture in the Western world from antiquity to the Renaissance. Introduces the basic concepts of visual and stylistic analysis.                               | UG | LE | Lecture                 |
| Spring 2022 | PSY4620  | 4620  | Ergonomics Capstone      | PSY | Psychology                    | 3 | Communication-intensive seminar integrating knowledge on ergonomics. Integrated Writing course.   | UG | SE | Seminar                 |
| Spring 2022 | KNH1080B | 1080B | Basketball               | KNH | Kinesiology & Health          | 1 | Fundamental skills and knowledge of Basketball. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | AES2500  | 2500  | GMC Lead Lab             | AES | Aerospace                     | 0 | Students who have completed GMC coursework but did not receive a slot for Field Training  | UG | LB | Lab                     |
| Spring 2022 | ME6180   | 6180  | Additive                 | ME  | Mechanical                    | 3 | An introduction to additive manufacturing process. The course will address various additive   | GR | LE | Lecture                 |
| Spring 2022 | PHY4500  | 4500  | Electricity Magnetism I  | PHY | Physics                       | 3 | Fundamental laws of electricity and magnetism from viewpoint of fields. Review of vector analysis; electrostatics; special techniques in electrostatics; magnetostatics; and material properties. | UG | LE | Lecture                 |
| Spring 2022 | CHM7010  | 7010  | Thesis                   | CHM | Chemistry                     | 1 | The collection, organization and description of chemical data for the process of writing a thesis.  | GR | LE | Lecture                 |
| Spring 2022 | SRV4000  | 4000  | Engaged                  | SRV | Service                       | 3 | Culminating experience of the Citizen Scholar Certificate Program. Students design and  | UG | IS | Independen              |
| Spring 2022 | MUS2230  | 2230  | Brass Pedagogy           | MUS | Music                         | 1 | Develops an understanding of brass playing techniques and related pedagogy, with special attention to beginning-level instruction.  | UG | LE | Lecture                 |
| Spring 2022 | CS2160   | 2160  | Visual Basic             | CS  | Computer                      | 3 | An introduction to event-driven programming. Emphasis is on the design of graphical user  | UG | LL | Lecture/Lab             |
| Spring 2022 | PSI9430  | 9430  | Psychodynamic Psychother | PSI | Professional Psychology       | 3 | Presents contemporary psychodynamic theory and practice.  | GR | LE | Lecture                 |
| Spring 2022 | BMS6550  | 6550  | Advanced                 | BMS | Biomedical                    | 3 | Basic principles of linear independence, spanning sets, bases, and dimension. Linear  | GR | LE | Lecture                 |
| Spring 2022 | ED7220   | 7220  | Teaching Writing K-12    | ED  | Education                     | 3 | Study of writing methodologies and the processes of teaching writing in grades K-12. Includes research into the theories of writing acquisition and the reciprocity between writing and           | GR | LE | Lecture                 |
| Spring 2022 | PPH7650  | 7650  | Public Health            | PPH | Population &                  | 3 | This course provides an analysis of the players involved; coordination with governmental  | GR | LE | Lecture                 |
| Spring 2022 | HST3300  | 3300  | Survey African History   | HST | History                       | 3 | Survey of a sub-field or a specific topic in African history. Topics vary.  | UG | LE | Lecture                 |
| Spring 2022 | PLS4890  | 4890  | Foreign                  | PLS | Political                     | 1 | Learn about foreign service and prepare for the U.S. foreign service exam. Will review  | UG | SE | Seminar                 |
| Spring 2022 | ENG6780  | 6780  | Studies                  | ENG | English                       | 3 | Focus on theoretical issues and practical problems of teaching English to speakers of other   | GR | LE | Lecture                 |
| Spring 2022 | EE6190   | 6190  | Rnfrmnt                  | EE  | Electrical                    | 3 | Introduction to reinforcement learning and neural networks for intelligent control. Inspired by   | GR | LE | Lecture                 |
| Spring 2022 | ISE4850  | 4850  | Six Sigma for            | ISE | Industrial &                  | 3 | Introduction to the practical application of Six Sigma tools in production and service contexts.  | UG | LE | Lecture                 |
| Spring 2022 | PN7920   | 7920  | Mechanisms of Cell Death | PN  | Physiology & Neuroscience     | 2 | Signalling and Molecular mechanisms of Apoptotic Cell Death and relationship to human diseases.   | GR | LE | Lecture                 |
| Spring 2022 | SAA7610  | 7610  | Student Dev Theory       | SAA | Student Affairs in Higher Ed  | 3 | Studies theories of student development and their use in research and practice in student affairs, focusing specifically on college students.   | GR | LE | Lecture                 |
| Spring 2022 | CEG7570  | 7570  | Pattern                  | CEG | Computer                      | 3 | Supervised and unsupervised classification are covered, including feature extraction, feature   | GR | LE | Lecture                 |
| Spring 2022 | KNH1670  | 1670  | Swimming: Intermediate   | KNH | Kinesiology & Health          | 1 | Intermediate level of skills and knowledge in Swimming: Intermediate. Competency-based approach. Course may accommodate disabled students when appropriate.                                       | UG | LB | Lab                     |
| Spring 2022 | PSY6000  | 6000  | PSY Capstone Topics      | PSY | Psychology                    | 1 | A selected psychology capstone topic. The topic will vary according to the discretion of the instructor.  | GR | SE | Seminar                 |
| Spring 2022 | PN6200   | 6200  | Neuronal                 | PN  | Physiology &                  | 3 | Multidirectional interactions between the nervous and immune systems have been  | GR | LE | Lecture                 |
| Spring 2022 | PSY9030  | 9030  | Comp                     | PSY | Psychology                    | 3 | In this course, we will learn how to develop computational cognitive models within a unified  | GR | LE | Lecture                 |
| Spring 2022 | SPN3700  | 3700  | Internship in            | SPN | Spanish                       | 3 | Supervised use of Spanish in workplace settings. Must complete an application available from  | UG | IN | Internship              |
| Spring 2022 | EDS6120  | 6120  | Math Content Stands IS   | EDS | Education - Special Education | 3 | Introduction to Ohio Department of Education K through 12th grade mathematics content standards. Addresses mathematics knowledge, pedagogy, and PRAXIS exam expectations.                         | GR | LL | Lecture/Lab Combination |
| Spring 2022 | TH1480   | 1480  | Acting Aesthetics        | TH  | Theatre                       | 2 | Generalized acting course that includes various aspects of movement, vocal technique, improvisation, and scene work.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | BME1990  | 1990  | Independ Sty in BME I    | BME | Biomedical Engineering        | 1 | Undergraduate independent studies in biomedical engineering. Topics vary.   | UG | IS | Independent Study       |

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| Spring 2022 | CHI3500  | 3500  | CHI                        | CHI | Chinese                         | 3 | Professor-led study abroad program in China, service-learning intensive course, taught in   | UG | LE | Lecture           |
| Spring 2022 | CHM3120L | 3120L | Quant Analysis Lab         | CHM | Chemistry                       | 3 | Experimental methods of analysis. Practical applications of lecture material presented in CHM 3120.   | UG | LB | Lab               |
| Spring 2022 | PTX8300  | 8300  | Integr                     | PTX | Pharmacology/                   | 3 | This course provides basic and general principles on animal handling, caring and experimental   | GR | LL | Lecture/Lab       |
| Spring 2022 | PTX7500  | 7500  | Research                   | PTX | Pharmacology/                   | 3 | Practical laboratory experiences in commonly used biological techniques including DNA   | GR | LL | Lecture/Lab       |
| Spring 2022 | ACC7480  | 7480  | Ethics & Corp              | ACC | Accountancy                     | 3 | Provides students an understanding of sound corporate governance principles and an ability to   | GR | LE | Lecture           |
| Spring 2022 | MIL2020  | 2020  | Found of                   | MIL | Military                        | 3 | Examines the challenges of leading tactical teams in complex contemporary operating   | UG | LE | Lecture           |
| Spring 2022 | ME6585   | 6585  | Natural Gas                | ME  | Mechanical                      | 3 | Students will be able to demonstrate a knowledge of natural gas production and the  | GR | LE | Lecture           |
| Spring 2022 | FR3990   | 3990  | Studies                    | FR  | French                          | 1 | Individual research project approved and supervised by a full-time faculty member. Taught in  | UG | IS | Independent       |
| Spring 2022 | CEG8950  | 8950  | Dissertation Research      | CEG | Computer Engineering            | 1 | Research on the Ph.D. dissertation topic.   | GR | IS | Independent Study |
| Spring 2022 | KNH1570  | 1570  | Soccer: Outdoor            | KNH | Kinesiology & Health            | 1 | Fundamental skills and knowledge of Soccer: Outdoor. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab               |
| Spring 2022 | SW3890   | 3890  | Selected Topics in SW      | SW  | Social Work                     | 1 | Selected topics related to current issues in social work practice; readings, research, and discussion. Topics vary.   | UG | LE | Lecture           |
| Spring 2022 | IDL3120  | 3120  | Digital Course Development | IDL | Instructional Design & Learning | 3 | Introduces a variety of instructional design and teaching techniques to facilitate digital course development.  | UG | LE | Lecture           |
| Spring 2022 | ED6760   | 6760  | AYA: Int                   | ED  | Education                       | 3 | Curriculum and materials concerned with issues at the interfaces of science, technology, and  | GR | LE | Lecture           |
| Spring 2022 | PLS3220  | 3220  | State                      | PLS | Political                       | 3 | Survey and analysis of the structures and functions of the American states with special   | UG | LE | Lecture           |
| Spring 2022 | ME6550   | 6550  | Geothermal                 | ME  | Mechanical                      | 3 | Techniques for tapping the energy of the earth will be discussed. This will include hot and cold  | GR | LE | Lecture           |
| Spring 2022 | CHI3210  | 3210  | Chinese                    | CHI | Chinese                         | 3 | Development of composition skills using famous Chinese writings as guided examples of   | UG | LL | Lecture/Lab       |
| Spring 2022 | CS4850   | 4850  | Foundations of             | CS  | Computer                        | 3 | Problem-solving methods in artificial intelligence (AI) with emphasis on heuristic approaches.  | UG | LE | Lecture           |
| Spring 2022 | CS6240   | 6240  | Coding Theory              | CS  | Computer                        | 3 | An introduction to the essentials of error-correcting codes, including methods for efficient and  | GR | LE | Lecture           |
| Spring 2022 | BME6850  | 6850  | Six Sigma for              | BME | Biomedical                      | 3 | Practical application of Six Sigma tools in production and service contexts. Includes videos  | GR | LE | Lecture           |
| Spring 2022 | ED7902   | 7902  | Current                    | ED  | Education                       | 1 | Centers on the effective implementation of various instructional practices, the evidence behind   | GR | SE | Seminar           |
| Spring 2022 | EDL9990  | 9990  | Thesis                     | EDL | Educational Leadership          | 1 | Research for thesis in Educational Specialist Program.  | GR | IS | Independent Study |
| Spring 2022 | ISE1990  | 1990  | Independ Stdy              | ISE | Industrial &                    | 1 | Undergraduate independent studies in Industrial and System Engineering. Topics vary.  | UG | IS | Independent       |
| Spring 2022 | EC3260   | 3260  | Econ Poverty & Discrim     | EC  | Economics                       | 3 | Analysis of economic causes, effects, and cures for poverty and discrimination. Study of trends, economic explanations, and current programs and legislation.                               | UG | LE | Lecture           |
| Spring 2022 | CEG6430  | 6430  | Cyber Network              | CEG | Computer                        | 3 | This course focuses on security vulnerabilities, threats, attacks, and mitigation solutions in the  | GR | LE | Lecture           |
| Spring 2022 | ME6440   | 6440  | Aerospace                  | ME  | Mechanical                      | 3 | Engine cycle analysis; combustion fundamentals; reciprocating engines and propellers;   | GR | LE | Lecture           |
| Spring 2022 | DEV0950  | 0950  | Elementary Algebra         | DEV | Developmental Education         | 1 | Review basic algebra concepts and skills including operations involving signed numbers and fractions; polynomials; exponents; solving systems of equations; and applications.               | UG | LE | Lecture           |
| Spring 2022 | URS6260  | 6260  | PA in a Global             | URS | Urban Affairs                   | 3 | Places American public administration traditions and practices into comparative perspective.  | GR | LE | Lecture           |
| Spring 2022 | GER3310  | 3310  | Survey of                  | GER | German                          | 3 | Historical survey of German literature from its beginning to the present. 331: Literature of the  | UG | LE | Lecture           |
| Spring 2022 | EES3250  | 3250  | Climate                    | EES | Earth &                         | 3 | Temperature and precipitation patterns over tens to millions of years. Factors studied include  | UG | LE | Lecture           |
| Spring 2022 | MIL4011  | 4011  | Adaptive                   | MIL | Military                        | 0 | Prepares the cadets to become active duty Army officers, through various leadership roles   | UG | LB | Lab               |
| Spring 2022 | ED7905   | 7905  | Instruct Practices inTech  | ED  | Education                       | 1 | Centers on the effective implementation of various instructional practices that utilize technology, the evidence behind the practices, and their practical application in PK-12 classrooms. | GR | SE | Seminar           |
| Spring 2022 | BMS8530  | 8530  | Ion Channels               | BMS | Biomedical                      | 3 | (Also listed as P&B 7220.) This course explores the role of ion channels in a variety of cell   | GR | LE | Lecture           |
| Spring 2022 | PLS6850  | 6850  | Chinese Foreign Policy     | PLS | Political Science               | 3 | Examines development and current practices of Chinese foreign policy. Special attention given to China-U.S. relations, as well as China's role in international and regional organizations. | GR | LE | Lecture           |
| Spring 2022 | FIN4140  | 4140  | Real Estate                | FIN | Finance                         | 3 | Includes all areas of law commonly concerned with the typical real estate practitioner and  | UG | LE | Lecture           |
| Spring 2022 | MUS4480  | 4480  | Classic and Romantic Music | MUS | Music                           | 3 | Study of music and critical analysis of representative works from major composers of Classical and Romantic music.  | UG | LE | Lecture           |

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|-------------|----------|-------|--------------------------------|-----|---------------------------------|---|---|----|----|-------------------------|
| Spring 2022 | CNL9602  | 9602  | Assess. &                      | CNL | Counseling                      | 3 | Overview of trauma theories, assessment, and diagnosis of PTSD in clinical mental health  | GR | LE | Lecture                 |
| Spring 2022 | PSY9060  | 9060  | Multivariate                   | PSY | Psychology                      | 4 | Issues in multivariate analysis are reviewed using statistical software programs. These issues  | GR | LE | Lecture                 |
| Spring 2022 | ART3660  | 3660  | Beg Printmkg:                  | ART | Art                             | 3 | Exploration of printmaking, stressing relief methods using wood and linoleum. Exploration of  | UG | LB | Lab                     |
| Spring 2022 | PLS6510  | 6510  | Contemp                        | PLS | Political                       | 3 | Political processes and governmental institutions of sub-Saharan Africa; special attention to   | GR | LE | Lecture                 |
| Spring 2022 | MUA2110  | 2110  | Applied Music                  | MUA | Music: Applied Music            | 1 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.          | UG | IS | Independent Study       |
| Spring 2022 | KNH2500  | 2500  | Basic Anatomy Physiology       | KNH | Kinesiology & Health            | 4 | Study of anatomy and physiology correlating both structure and function of the human body.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | CNL7260  | 7260  | Marriage                       | CNL | Counseling                      | 1 | Fundamental introduction to marriage and family counseling. Students learn to think across a  | GR | LE | Lecture                 |
| Spring 2022 | PHL3130  | 3130  | Metaphysics                    | PHL | Philosophy                      | 3 | Examines such topics as the problem of universals, free will and determinism, the nature of   | UG | LE | Lecture                 |
| Spring 2022 | STT8990  | 8990  | Graduate Research              | STT | Statistics                      | 1 | Supervised thesis research.   | GR | IS | Independent Study       |
| Spring 2022 | ED6830   | 6830  | Resrch to Imp                  | ED  | Education                       | 2 | Introduction to reading educational research, including applied and theoretical and qualitative   | GR | SE | Seminar                 |
| Spring 2022 | PSY2510  | 2510  | Stereotyping & Prejudice       | PSY | Psychology                      | 3 | Current topics in stereotyping and prejudice. Lectures are organized around discussions, videos, demonstrations, and experimental findings.                       | UG | LE | Lecture                 |
| Spring 2022 | HED3350  | 3350  | Health                         | HED | Health                          | 3 | Explores the applications of social marketing and communication theory as they relate to the  | UG | LE | Lecture                 |
| Spring 2022 | PLS4819  | 4819  | PLS Internship                 | PLS | Political Science               | 3 | Internships for academic credit. Interns are expected to work at least 12-15 hours per week and write an assessment of the experience at the end of the semester. | UG | IN | Internship              |
| Spring 2022 | P&N7100  | 7100  | Breakthroughs Neurosci         | P&N | Physiology & Neuroscience       | 2 | Students will be able to critically read original literature and identify the creativity, logic and insight behind research breakthroughs in neuroscience.        | GR | LE | Lecture                 |
| Spring 2022 | NUR8920  | 8920  | DNP Scholarly                  | NUR | Nursing                         | 1 | This course is a guided, independent project applying the evidence-based practice process to  | GR | PR | Practicum               |
| Spring 2022 | SW7160   | 7160  | Grad SW                        | SW  | Social Work                     | 0 | Data analysis component of social science research and program evaluation. Covers   | GR | LE | Lecture                 |
| Spring 2022 | IDL7220  | 7220  | Instruct Design Concept&Theory | IDL | Instructional Design & Learning | 3 | Students will explore a variety of instructional design concepts and theories, and how instructional design theory can be applied to practice.                    | GR | LE | Lecture                 |
| Spring 2022 | MUA4110  | 4110  | Applied Music                  | MUA | Music: Applied Music            | 1 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.          | UG | IS | Independent Study       |
| Spring 2022 | DAN1020  | 1020  | Ballet I                       | DAN | Dance                           | 3 | Introduction to vocabulary, techniques, and theories of intermediate ballet. Emphasis on body   | UG | ST | Studio                  |
| Spring 2022 | PSI9500  | 9500  | Psychopharmacology             | PSI | Professional Psychology         | 3 | Introduction to how psychotropic medications produce their desired and undesired effects with applications to many forms of psychopathology.                      | GR | LE | Lecture                 |
| Spring 2022 | PSY3110  | 3110  | Abnormal Psychology            | PSY | Psychology                      | 3 | Facts and theories pertaining to psychological disorders. Topics include classification and diagnosis, and causes and treatment of abnormal behavior.             | UG | LE | Lecture                 |
| Spring 2022 | HST3500  | 3500  | Topics Latin Amer Hist         | HST | History                         | 3 | Studies in region-wide Latin American history. Topics vary.   | UG | LE | Lecture                 |
| Spring 2022 | NUR2400  | 2400  | Intro Clin                     | NUR | Nursing                         | 7 | Introduces nursing theories with emphasis on interprofessional, intraprofessional, and patient-   | UG | LE | Lecture                 |
| Spring 2022 | KNH1680A | 1680A | Swimming: Advanced             | KNH | Kinesiology & Health            | 1 | Advanced level of skills and knowledge in Swimming: Advanced. Competency-based approach. Course may accommodate disabled students when appropriate.               | UG | LB | Lab                     |
| Spring 2022 | MUE4500  | 4500  | Symphonic Band                 | MUE | Music: Ensembles                | 1 | Performs band music of all styles. Open to all students with intermediate to advanced experience. Audition required.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | KNH1570A | 1570A | Soccer: Outdoor                | KNH | Kinesiology & Health            | 1 | Fundamental skills and knowledge of Soccer: Outdoor. Competency-based approach. Course may accommodate disabled students when appropriate.                        | UG | LB | Lab                     |
| Spring 2022 | BIO4110L | 4110L | The Aquatic Environment Lab    | BIO | Biology                         | 0 | Required laboratory for BIO 4110.   | UG | LB | Lab                     |
| Spring 2022 | CNL9510  | 9510  | Clin Assess in                 | CNL | Counseling                      | 3 | Supervised clinical practice in the administration of mental health assessment instruments.   | GR | LE | Lecture                 |
| Spring 2022 | SOC5000  | 5000  | Internship in                  | SOC | Sociology                       | 3 | Supervised field experience in criminal justice and family agencies. Requires readings, activity  | GR | IN | Internship              |
| Spring 2022 | ATH5400  | 5400  | Special Topics Bio ATH         | ATH | Anthropology                    | 3 | Intensive study of selected graduate-level topics in Biological or Medical anthropology. Topics vary.   | GR | LE | Lecture                 |
| Spring 2022 | GER4180  | 4180  | Goethe's Faust                 | GER | German                          | 3 | Intensive study of Faust I and Faust II.<b> Department Managed Prerequisite(s):   | UG | LE | Lecture                 |

|             |          |       |                          |     |                                |   |  |    |    |                         |
|-------------|----------|-------|--------------------------|-----|--------------------------------|---|--|----|----|-------------------------|
| Spring 2022 | OIS1280  | 1280  | Database Applications    | OIS | Office Information Systems     | 2 | Create, manipulate, and maintain databases and generate queries and reports for office applications.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | EE6540L  | 6540L | VLSI Design Lab          | EE  | Electrical Engineering         | 1 | Work station based experience designing asic devices for evaluation and testing.   | GR | LB | Lab                     |
| Spring 2022 | ED6750   | 6750  | AYA: Int Math:           | ED  | Education                      | 3 | This course will examine curriculum, materials, and teaching methods for secondary   | GR | LE | Lecture                 |
| Spring 2022 | SW3990   | 3990  | Independent Study SW     | SW  | Social Work                    | 1 | Independent research on social work topic. Requires 3.0 GPA and completed independent study form.  | UG | IS | Independent Study       |
| Spring 2022 | PLS4270  | 4270  | Urban Policy Analysis    | PLS | Political Science              | 3 | (Also listed as URS 4270). Study of selected urban problems and their relationship to the political environment. Use of simulation gaming to understand community development processes.         | UG | LE | Lecture                 |
| Spring 2022 | MGT7660  | 7660  | Creativity &             | MGT | Management                     | 3 | This is a course designed to make you start thinking differently about your organizational life.   | GR | LE | Lecture                 |
| Spring 2022 | ATH3600  | 3600  | Special Topics Archae    | ATH | Anthropology                   | 3 | Surveys of various specialized aspects of archaeology.   | UG | LE | Lecture                 |
| Spring 2022 | CS5260   | 5260  | CS Numerical             | CS  | Computer                       | 3 | Numerical methods for the sciences using modern programming languages. Solution of linear  | GR | LE | Lecture                 |
| Spring 2022 | PHL3120  | 3120  | History of Ethics        | PHL | Philosophy                     | 3 | Study of the development of ethical philosophy through a detailed investigation of such figures as Plato, Aristotle, Hobbes, Butler, Hume, Kant, Mill, and Nietzsche. Integrated Writing course. | UG | LE | Lecture                 |
| Spring 2022 | FR5610   | 5610  | French Phonetics         | FR  | French                         | 3 | Pronunciation, diction, rhythm, and intonation. Transcription exercises and oral production. Taught in French.   | GR | LE | Lecture                 |
| Spring 2022 | CHM1060L | 1060L | Chemistry: Materials Lab | CHM | Chemistry                      | 0 | Required laboratory for CHM 1060.  | UG | LB | Lab                     |
| Spring 2022 | PTX6002  | 6002  | Intro to Cell            | PTX | Pharmacology/                  | 3 | This course will explore the organization, function, and structures of eukaryotic cells.   | GR | LE | Lecture                 |
| Spring 2022 | PSY9050  | 9050  | Quasi-Experimentation    | PSY | Psychology                     | 4 | Issues in design and analysis for field settings are reviewed. These issues quasi-experimental design, validity, and statistical analysis.   | GR | SE | Seminar                 |
| Spring 2022 | ASL4010  | 4010  | Aspects of               | ASL | American Sign                  | 3 | Psychosocial aspects of deafness, examining the development and functioning of deaf  | UG | LE | Lecture                 |
| Spring 2022 | EES6420  | 6420  | Paleo of                 | EES | Earth &                        | 3 | The rise and evolution of Paleozoic vertebrate and plant groups with an emphasis on the  | GR | LB | Lab                     |
| Spring 2022 | URS4230  | 4230  | Public                   | URS | Urban Affairs                  | 3 | Local fiscal institutions and analytical tools for designing and evaluating fiscal policies.   | UG | LE | Lecture                 |
| Spring 2022 | CTE6100  | 6100  | Learning Environment     | CTE | Career and Technical Education | 3 | Examination, discussion, application and reporting of best practices for creating an environment conducive to learning and achievement.  | GR | LE | Lecture                 |
| Spring 2022 | GR2020   | 2020  | Intermediate Greek II    | GR  | Greek                          | 3 | Review of essentials and reading for comprehension in selected authors.  | UG | LE | Lecture                 |
| Spring 2022 | REL3940  | 3940  | Existentialism           | REL | Religion                       | 3 | Introduction to 20th century philosophical and literary movement. Emphasis on concrete   | UG | LE | Lecture                 |
| Spring 2022 | CEG6350  | 6350  | OS Internals             | CEG | Computer                       | 3 | Overview of operating systems internals. File-system usage and design, process usage and   | GR | LE | Lecture                 |
| Spring 2022 | SCM7930  | 7930  | SC Ops and               | SCM | Supply Chain                   | 3 | Advanced topics in manufacturing and service operations, including process planning and  | GR | LE | Lecture                 |
| Spring 2022 | GEO4890  | 4890  | Special Topics           | GEO | Geography                      | 1 | Projects involve spatial analyses of economic, social and cultural phenomena.  | UG | LE | Lecture                 |
| Spring 2022 | SPN5260  | 5260  | Business                 | SPN | Spanish                        | 3 | Study of the business culture behind Spanish. Development of communication skills and  | GR | LE | Lecture                 |
| Spring 2022 | ED7990   | 7990  | Adv Studies Seminar I    | ED  | Education                      | 1 | Midpoint seminar will focus on applying knowledge of preK-12 classrooms, developing capstone project, and completing mid-point key assessments.  | GR | SE | Seminar                 |
| Spring 2022 | BME3512  | 3512  | Bioelectronics           | BME | Biomedical                     | 4 | Modern electronic devices/circuits applied to human systems / biomedical applications,   | UG | LE | Lecture                 |
| Spring 2022 | ATH6400  | 6400  | Sem                      | ATH | Anthropology                   | 3 | Intensive review of the prehistoric Woodland period (600 B.C. -A.D. 900) of eastern North  | GR | SE | Seminar                 |
| Spring 2022 | NUR7552  | 7552  | Practicum for            | NUR | Nursing                        | 6 | Focus on models of practice providing health care to infants, children and adolescents in  | GR | LE | Lecture                 |
| Spring 2022 | PHL6140  | 6140  | Philosophy of Law        | PHL | Philosophy                     | 3 | Survey of the important theories concerning the nature and justification of law, liberty, justice, responsibility, and punishment.   | GR | LE | Lecture                 |
| Spring 2022 | SOC6830  | 6830  | Sex, Drugs, &            | SOC | Sociology                      | 3 | Study of etiology, social determinants, and social-psychological corollaries of HIV/AIDS.  | GR | LE | Lecture                 |
| Spring 2022 | SPM7010  | 7010  | Current Issues Amer Spts | SPM | Sports Management              | 3 | This course identifies and analyzes the current issues impacting American sports. Emphasis is placed on how those issues and trends affect sport administrators, coaches, and fans.              | GR | SE | Seminar                 |
| Spring 2022 | HST7830  | 7830  | Topics in                | HST | History                        | 3 | Intensive analysis of topics related to the theory and practice of public history such as  | GR | LE | Lecture                 |

|             |         |       |                                |     |                                 |     |  |    |    |                         |
|-------------|---------|-------|--------------------------------|-----|---------------------------------|-----|--|----|----|-------------------------|
| Spring 2022 | FAS4200 | 4200  | Food Product Development       | FAS | Food and Agricultural Systems   | 3   | A capstone project using food science knowledge and skills to develop a new food product.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | MUS1990 | 1990  | Intro to Music                 | MUS | Music                           | 2   | Introduction to the social, historical and philosophical foundations of music education.   | UG | LE | Lecture                 |
| Spring 2022 | OL3040  | 3040  | Leading Teams                  | OL  | Organizational Leadership       | 3   | Strategies for leading effective teams, improving teamwork, and building collaboration toward commonly shared goals.   | UG | LE | Lecture                 |
| Spring 2022 | BIO4950 | 4950  | Senior Honors                  | BIO | Biology                         | 1   | Independent research working closely with a faculty sponsor on the formulation and execution   | UG | IS | Independent             |
| Spring 2022 | ED4510  | 4510  | AYA ILA Methods                | ED  | Education                       | 3   | Provides developing professional educators with advanced discussion and practice in the teaching/learning of grades 7-12 language arts.  | UG | LE | Lecture                 |
| Spring 2022 | WGS3250 | 3250  | Women                          | WGS | Women,                          | 3   | Issues, approaches, and topics in women and gender studies. Explores racial, ethnic, cultural,   | UG | LE | Lecture                 |
| Spring 2022 | KNH2420 | 2420  | Princ of Emergency Mgmt        | KNH | Kinesiology & Health            | 3   | Focuses on the philosophical and theoretical underpinnings of emergency management and the principles that define effective practice.  | UG | LE | Lecture                 |
| Spring 2022 | PLS6860 | 6860  | Model United                   | PLS | Political                       | 3   | Model UN is an experiential learning opportunity built around this seminar, with intensive   | GR | SE | Seminar                 |
| Spring 2022 | CNL7801 | 7801  | Marriage Pre-Practicum         | CNL | Counseling                      | 1   | This course focuses on the practice of systemic interventions and problem solving in the process of resolving marriage and family related concerns.  | GR | LB | Lab                     |
| Spring 2022 | FAS2020 | 2020  | Intro Food Science Lab         | FAS | Food and Agricultural Systems   | 1   | A study of food properties including physical, chemical, microbiological, functional and sensory characteristics.  | UG | LB | Lab                     |
| Spring 2022 | ED4700  | 4700  | MA Prof Seminar                | ED  | Education                       | 3   | Seminar accompanying Multi Age Student Teaching focusing on pedagogical content knowledge and completion of and submission of the edTPA.   | UG | SE | Seminar                 |
| Spring 2022 | CHM7620 | 7620  | Mass Spectrometry              | CHM | Chemistry                       | 2   | Current topics in mass spectrometry are discussed with emphasis on theory and state-of-the-art instrumentation and ionization methods.   | GR | LE | Lecture                 |
| Spring 2022 | ECE3500 | 3500  | Fam, Comm, &                   | ECE | Education -                     | 3   | Early childhood educators collaborating with families and diverse backgrounds in the care and  | UG | LE | Lecture                 |
| Spring 2022 | ME4880  | 4880  | Powder                         | ME  | Mechanical                      | 3   | Fundamental metallurgy and ceramic science of powder processing techniques. Details of   | UG | LL | Lecture/Lab             |
| Spring 2022 | EE6210L | 6210L | Digital Comm Lab               | EE  | Electrical Engineering          | 1   | Laboratory supporting EE 6210. Students will experience hands on learning in lab environment.  | GR | LB | Lab                     |
| Spring 2022 | PLS3750 | 3750  | Human Rights                   | PLS | Political                       | 3   | Examines controversies over human rights in the United States and considers contending   | UG | LE | Lecture                 |
| Spring 2022 | KNH1755 | 1755  | Marathon Training              | KNH | Kinesiology & Health            | 2   | Fundamental skills and knowledge of marathon training. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | EE6130  | 6130  | Cont Control                   | EE  | Electrical                      | 3   | Introductory course providing students with a general control background. Major topics include   | GR | LE | Lecture                 |
| Spring 2022 | KNH1400 | 1400  | Lifeguard Training             | KNH | Kinesiology & Health            | 1   | Intermediate level of skills and knowledge in lifeguard training. Competency-based approach. Students should check competency levels posted in physical education building before enrolling. | UG | LB | Lab                     |
| Spring 2022 | SOC5310 | 5310  | Globalization & Soc Chng       | SOC | Sociology                       | 3   | Explanations of social change in modern societies. Emphasis on identification of sources of change, effects of change throughout society, major trends, and issues for the future.           | GR | LE | Lecture                 |
| Spring 2022 | BMB4010 | 4010  | Topics in BMB                  | BMB | Biochem & Molecular Biology     | 0.5 | Review of current literature or current research techniques in Biochemistry and Molecular Biology.   | UG | IS | Independent Study       |
| Spring 2022 | IDL7150 | 7150  | Digital Profession Development | IDL | Instructional Design & Learning | 3   | Students will use elements of instructional design and learning theory to create multimedia professional development materials.  | GR | LE | Lecture                 |
| Spring 2022 | ENG2130 | 2130  | Research and                   | ENG | English                         | 3   | Adapts principles introduced in ENG 1100 and equivalents to writing for professional   | UG | LE | Lecture                 |
| Spring 2022 | PLS6300 | 6300  | Am Govt and Politics Sem       | PLS | Political Science               | 3   | Selected topics related to American government politics and processes. Emphasis on readings, discussion and research. Topics vary.   | GR | SE | Seminar                 |
| Spring 2022 | FR6920  | 6920  | Fren                           | FR  | French                          | 3   | Analysis of films made during and after the Occupation of France, such as L'Oeil de Vichy, Le  | GR | LE | Lecture                 |
| Spring 2022 | EED3400 | 3400  | Classroom Management P-5       | EED | Elementary Education P-5        | 3   | Classroom management strategies with an emphasis on PBIS to facilitate learning and promote social well-being in P-5 grade classrooms. Integrated Writing course.                            | UG | LE | Lecture                 |
| Spring 2022 | BME7131 | 7131  | Medical                        | BME | Biomedical                      | 3   | Fundamentals of medical ultrasonics: ultrasound generation, propagation, scattering, and   | GR | LE | Lecture                 |



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|-------------|----------|-------|-----------------------------|-----|--------------------------------|---|--|----|----|-------------------|
| Spring 2022 | PHY1110R | 1110R | Principles of Physics I Rec | PHY | Physics                        | 0 | Required recitation for PHY 1110.  | UG | RE | Recitation        |
| Spring 2022 | URS7050  | 7050  | Quantitative                | URS | Urban Affairs                  | 3 | Survey of the fundamental concepts for statistical analysis of public affairs research. Emphasis   | GR | LE | Lecture           |
| Spring 2022 | PSY7030  | 7030  | Personality                 | PSY | Psychology                     | 3 | The major approaches for describing personality structure will be discussed and the results of   | GR | LE | Lecture           |
| Spring 2022 | PSI9650  | 9650  | Supervision                 | PSI | Professional                   | 3 | Focuses on issues related to clinical supervision in psychology; i.e., the process and   | GR | LE | Lecture           |
| Spring 2022 | ME7500   | 7500  | Advanced                    | ME  | Mechanical                     | 3 | Thermodynamics is studied from both the classical (macroscopic) and statistical (microscopic)  | GR | LE | Lecture           |
| Spring 2022 | ENG7020  | 7020  | Meth & Mat:                 | ENG | English                        | 3 | Introduction to research in the field of composition and rhetoric. Emphasis on finding and using   | GR | LE | Lecture           |
| Spring 2022 | BME3940  | 3940  | Biomed Engn                 | BME | Biomedical                     | 1 | Biomedical engineering internship course. Students are supervised via weekly seminars and  | UG | IN | Internship        |
| Spring 2022 | SAA7600  | 7600  | Intro Stu Aff               | SAA | Student Affairs                | 3 | An overview of the history, philosophy, organization, and structure of student services. Various   | GR | LE | Lecture           |
| Spring 2022 | PHY7700  | 7700  | Selected Topics             | PHY | Physics                        | 3 | This course explores a topic for which no other course exists. Topics vary. Only 6 credit hours may be applied to those required for the MS degree.                                  | GR | IS | Independent Study |
| Spring 2022 | ARA2020  | 2020  | Intermediate                | ARA | Arabic                         | 3 | Grammar review, reading, and discussion of selected texts with practice in speaking and  | UG | LE | Lecture           |
| Spring 2022 | FAS4300  | 4300  | Lean Six Sigma Proc Food    | FAS | Food and Agricultural Systems  | 3 | Lean/Six Sigma principles and practices and implementation of Lean/Six Sigma initiatives in a food manufacturing environment.  | UG | LE | Lecture           |
| Spring 2022 | PLS6280  | 6280  | Nat'l Security Politics     | PLS | Political Science              | 3 | Study of U.S. national defense and security policy process and the major strategic issues facing the U.S. government.  | GR | LE | Lecture           |
| Spring 2022 | ISG7200  | 7200  | Theor Found of Gftd & T     | ISG | Intervention Specialist Gifted | 3 | Historical perspective, characteristics and major theories of those with gifted and talented educational needs.  | GR | LE | Lecture           |
| Spring 2022 | EE7490L  | 7490L | Antenna Theory & Design Lab | EE  | Electrical Engineering         | 0 | Required laboratory for EE 7490.   | GR | LB | Lab               |
| Spring 2022 | MLB4720  | 4720  | Adv Diagnostic Micro        | MLB | Medical Laboratory Science     | 2 | Characteristics, pathophysiologic mechanisms and identification of chlamydia, fungi, viruses and other organisms and the methods used to diagnose and treat related diseases.        | UG | LE | Lecture           |
| Spring 2022 | ISE4711  | 4711  | Optimization                | ISE | Industrial &                   | 3 | Introductory course on Operations Research/Management Science/System Engineering   | UG | LE | Lecture           |
| Spring 2022 | EDS4570  | 4570  | Inst & Behav                | EDS | Education -                    | 3 | Prepares intervention specialists and other professionals to meet the instructional and  | UG | LE | Lecture           |
| Spring 2022 | FIN7810  | 7810  | Special Studies Fin         | FIN | Finance                        | 1 | Intensive reading or research in a selected field of advanced finance.   | GR | IS | Independent Study |
| Spring 2022 | PSY8320  | 8320  | Ecological                  | PSY | Psychology                     | 3 | Examination of critical factors in the design of effective computer interfaces, including display,   | GR | SE | Seminar           |
| Spring 2022 | EE6170L  | 6170L | Digital Cont Sys Lab        | EE  | Electrical Engineering         | 1 | Laboratory supporting EE 6170. Students will experience hands on learning in lab environment. Application and testing of control systems theory with electromechanical systems.      | GR | LB | Lab               |
| Spring 2022 | BIO1090L | 1090L | Biology Laboratory          | BIO | Biology                        | 1 | Biological Laboratory for Natural Science GE/CORE credit.  | UG | LB | Lab               |
| Spring 2022 | GR6510   | 6510  | Readings in                 | GR  | Greek                          | 3 | Plato, Xenophon, Aristotle, Epicurus, Epictetus, and Marcus Aurelius. Topics include pre-  | GR | LE | Lecture           |
| Spring 2022 | DAN1120  | 1120  | Modern Dance                | DAN | Dance                          | 3 | Modern dance technique class for pre-professional dancers. Emphasis on helping students  | UG | LL | Lecture/Lab       |
| Spring 2022 | NUR7304  | 7304  | Finan Resour                | NUR | Nursing                        | 3 | Fiscal management concepts for nurse administrators. Content focuses on financial reporting  | GR | LE | Lecture           |
| Spring 2022 | PSY3820  | 3820  | Cognitive                   | PSY | Psychology                     | 3 | Human behavior as supported by specific brain mechanisms. Incorporates research from   | UG | LE | Lecture           |
| Spring 2022 | HST3450  | 3450  | Middle Eastern History      | HST | History                        | 3 | Studies in Middle Eastern history, for example a survey of a sub-field or a specific topic. Topics vary.   | UG | LE | Lecture           |
| Spring 2022 | CEG4180  | 4180  | Obj-Oriented                | CEG | Computer                       | 3 | Study of object-oriented design and programming. Programming topics emphasize the core   | UG | LE | Lecture           |
| Spring 2022 | EDT8150  | 8150  | Digital PD                  | EDT | Educational Technology         | 3 | Students will use elements of instructional design and storyboarding techniques to translate instruction into various types of multimedia professional development workshops.        | GR | LE | Lecture           |
| Spring 2022 | MIS4700  | 4700  | Data Science                | MIS | Management                     | 3 | Introduction to the process of extracting information and answers from multi-dimensional   | UG | LE | Lecture           |
| Spring 2022 | CNL8000  | 8000  | Human                       | CNL | Counseling                     | 3 | The principles and practice of human sexuality and sexuality counseling are reviewed. A  | GR | LE | Lecture           |
| Spring 2022 | PSY2920  | 2920  | Hormones and Behavior       | PSY | Psychology                     | 3 | An overview of hormone-behavior relationship in humans and animals. Topics include sexual differences, puberty, reproductive behavior, parental behavior, aggression, and cognition. | UG | LE | Lecture           |
| Spring 2022 | EC7550   | 7550  | Ec of Health &              | EC  | Economics                      | 3 | Teaches students how alternative incentive systems and resource allocations affect the health  | GR | LE | Lecture           |

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|-------------|----------|-------|-------------------------------|-----|--------------------------------|---|---|----|----|-------------------------|
| Spring 2022 | EDS6550  | 6550  | Sp Ed Res &                   | EDS | Education -                    | 3 | Familiarizes intervention specialist graduate students with WSU and Internet research   | GR | LE | Lecture                 |
| Spring 2022 | FAS3800  | 3800  | Undergrad Research FS         | FAS | Food and Agricultural Systems  | 3 | Application of research principles to solve or improve understanding of a relevant problem in food science or technology.   | UG | LB | Lab                     |
| Spring 2022 | PLS6670  | 6670  | China:                        | PLS | Political                      | 3 | Analysis of governmental structures and processes within modern China, emphasizing both   | GR | LE | Lecture                 |
| Spring 2022 | EES6140  | 6140  | Sedimentary Petrology         | EES | Earth & Environmental Sciences | 4 | Optical properties of common minerals. Survey of sedimentary rocks in hand sample, thin section and field occurrence.   | GR | LL | Lecture/Lab Combination |
| Spring 2022 | ENG4620  | 4620  | Visual Dsgn&Info Architecture | ENG | English                        | 3 | Instruction and experience in designing effective print and online documents. Integrated Writing course.  | UG | LE | Lecture                 |
| Spring 2022 | BMS7260  | 7260  | Synthetic Polymer Chm         | BMS | Biomedical Sciences            | 2 | (Also listed as CHM 6610.) Step-growth and chain-growth polymerization in homogeneous and heterogeneous media; properties of commercial polymers.                     | GR | LE | Lecture                 |
| Spring 2022 | MUE4670  | 4670  | Pep Band                      | MUE | Music: Ensembles               | 1 | Performs jazz, rock, and contemporary music at all home basketball games and for other campus activities. Audition required.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | PN6600   | 6600  | Computational                 | PN  | Physiology &                   | 3 | Students will learn the fundamentals of motor control, as well as how to write code in the  | GR | LE | Lecture                 |
| Spring 2022 | BME3211R | 3211R | Human Biomechanics I Rec      | BME | Biomedical Engineering         | 0 | Required recitation for BME 3211.   | UG | RE | Recitation              |
| Spring 2022 | REL5490  | 5490  | Hindu                         | REL | Religion                       | 3 | Exploration of conceptualizations of the divine feminine in one of the oldest, largest, and most  | GR | LE | Lecture                 |
| Spring 2022 | ECE7500  | 7500  | Dev App Assessment            | ECE | Education - Early Childhood    | 3 | Assessment and evaluation of infants through age 8, and the use of assessment data to inform decision making.   | GR | LE | Lecture                 |
| Spring 2022 | BIO3100  | 3100  | Clinical Microbiology         | BIO | Biology                        | 3 | The study of biological processes of microorganisms, with emphasis on microorganisms that cause human disease (pathogens).  | UG | LE | Lecture                 |
| Spring 2022 | COM4470  | 4470  | Com Relations                 | COM | Communicatio                   | 3 | Examines factors that help and hinder effective professional relationships. Aims to increase  | UG | LE | Lecture                 |
| Spring 2022 | MTE6920  | 6920  | Seminar in Math Stat Ed       | MTE | Mathematics Teacher Education  | 1 | Reading and discussion of current trends and research in mathematics and statistics education with applications to Pre K-14 mathematics classrooms.                   | GR | SE | Seminar                 |
| Spring 2022 | ARA6410  | 6410  | Intro to Arabic               | ARA | Arabic                         | 3 | A text-based course introducing students to the history and development of Arabic fiction   | GR | LE | Lecture                 |
| Spring 2022 | PSY4960  | 4960  | Fetal Behavior Capstone       | PSY | Psychology                     | 3 | Communication-intensive seminar integrating knowledge on fetal behavior including both normal and abnormal (teratological) development. Integrated Writing course.    | UG | SE | Seminar                 |
| Spring 2022 | PPH7830  | 7830  | Ethics of                     | PPH | Population &                   | 3 | This course is an introduction to the development of ethical policies for healthcare institutions.  | GR | LE | Lecture                 |
| Spring 2022 | PHL3020  | 3020  | Medieval                      | PHL | Philosophy                     | 3 | Introduction to medieval philosophy and some of its most important representative thinkers,   | UG | LE | Lecture                 |
| Spring 2022 | LDR7200  | 7200  | Emerging                      | LDR | Leadership                     | 3 | Focuses on critical analysis of emerging, contemporary leadership issues. Students apply a  | GR | LE | Lecture                 |
| Spring 2022 | CLS3300  | 3300  | Studies in Ancient Lit        | CLS | Classics                       | 3 | Drama, epic, and lyric poetry; prose; selected themes in ancient literature; and literary criticism. Integrated Writing course.                                       | UG | LE | Lecture                 |
| Spring 2022 | PSY2000  | 2000  | PSY Elective Topics           | PSY | Psychology                     | 1 | A variable elective topic in psychology. Topics vary.   | UG | LE | Lecture                 |
| Spring 2022 | REL3450  | 3450  | Daoism                        | REL | Religion                       | 3 | Survey of the various expressions of Daoism in Chinese religious and intellectual history. Includes classical Daoist writings and contemporary expressions of Daoism. | UG | LE | Lecture                 |
| Spring 2022 | ENG6650  | 6650  | Professional                  | ENG | English                        | 3 | Instruction and experience in editing technical and professional documents, including both  | GR | LE | Lecture                 |
| Spring 2022 | PSY4140  | 4140  | Cond and Learning Cap         | PSY | Psychology                     | 3 | Communication-intensive seminar integrating knowledge within conditioning and learning. Integrated Writing course.  | UG | SE | Seminar                 |
| Spring 2022 | MUS4420  | 4420  | Pedagogy                      | MUS | Music                          | 1 | Fundamental problems involved in studio teaching. Critical analysis of teaching materials. Observation and practice in private teaching required.                     | UG | IS | Independent Study       |
| Spring 2022 | FIN4260  | 4260  | Estate Planning               | FIN | Finance                        | 3 | Theoretical and practical approach to estate planning. Includes estate and gift taxes, wills, trusts, and estate planning techniques.                                 | UG | LE | Lecture                 |
| Spring 2022 | MP3330   | 3330  | Studies in Film Theory        | MP  | Motion Picture                 | 3 | Intensive study in film theory. Topics vary.  | UG | LE | Lecture                 |
| Spring 2022 | ATH5800  | 5800  | Sp Topics in Anth Method      | ATH | Anthropology                   | 3 | Selected topics concerning the training of graduate students in current methodologies used in cultural, biological or archaeological anthropology. Topics vary.       | GR | LE | Lecture                 |

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|-------------|----------|-------|-------------------------|-----|-----------------------------|-----|---|----|----|-------------------|
| Spring 2022 | CEG6424  | 6424  | Security                | CEG | Computer                    | 3   | This course presents the principles behind techniques of attacks and their defenses. It   | GR | LE | Lecture           |
| Spring 2022 | ME2210   | 2210  | Dynamics                | ME  | Mechanical                  | 3   | Vector treatment of the kinematics and kinetics of particles and rigid bodies, based on   | UG | LE | Lecture           |
| Spring 2022 | ECE5020  | 5020  | ECEG Eff LA-SS Instr    | ECE | Education - Early Childhood | 3   | Pedagogy and content knowledge of content area reading through the study of grades 4 and 5 social studies.  | GR | LE | Lecture           |
| Spring 2022 | COM2410  | 2410  | Small Group             | COM | Communicatio                | 3   | Explores the fundamentals of group formation, communication, and processes, including   | UG | LL | Lecture/Lab       |
| Spring 2022 | URS6440  | 6440  | Adv. GIS Apps           | URS | Urban Affairs               | 4   | Study of advanced geo-spatial analysis techniques using ArcView and ArcGIS software. GIS  | GR | LE | Lecture           |
| Spring 2022 | NUR7201  | 7201  | Acute Adult             | NUR | Nursing                     | 8   | Focus is on complex symptom management related to acute and emergent physiological  | GR | SE | Seminar           |
| Spring 2022 | BIO7880  | 7880  | Continuing Enrollment   | BIO | Biology                     | 0   | Work toward completion of thesis research, completion of written thesis or completion of an internship or residency program.  | GR | IS | Independent Study |
| Spring 2022 | ED4750   | 4750  | MA Int Pt II: Std Teach | ED  | Education                   | 9   | Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in a grades P-12 classroom.              | UG | IN | Internship        |
| Spring 2022 | PPH2000  | 2000  | Global Health           | PPH | Population & Public Health  | 3   | This course will investigate the commonalities and differences of global health issues around the world and how these are diverse, but interconnected. Integrated Writing course. | UG | LE | Lecture           |
| Spring 2022 | CS8990   | 8990  | Dissertation            | CS  | Computer                    | 1   | Examination on the Ph.D. dissertation. The written dissertation is submitted and must be  | GR | IS | Independent       |
| Spring 2022 | CEG7450  | 7450  | Adv. Comp.              | CEG | Computer                    | 3   | This course provides an in-depth coverage of advanced computer network architecture,  | GR | LE | Lecture           |
| Spring 2022 | CS6850   | 6850  | Foundations of          | CS  | Computer                    | 3   | Problem-solving methods in artificial intelligence (AI) with emphasis on heuristic approaches.  | GR | LE | Lecture           |
| Spring 2022 | LDR7510  | 7510  | Statistics and Research | LDR | Leadership                  | 3   | Introduction to basic statistical methods and data analysis for research and evaluation.  | GR | LE | Lecture           |
| Spring 2022 | PSI9570  | 9570  | Trauma Theor            | PSI | Professional                | 3   | Introduction to the psychology of trauma, covering history of trauma theories, etiology,  | GR | LE | Lecture           |
| Spring 2022 | MLB4010  | 4010  | Topics in Med Lab Sci   | MLB | Medical Laboratory Science  | 0.5 | Advanced topics in medical laboratory science of current interest. Topics vary.   | UG | LE | Lecture           |
| Spring 2022 | CHI4030  | 4030  | Multimedia              | CHI | Chinese                     | 3   | Advanced Chinese language learning by exploration of cultural products in a variety of media  | UG | LE | Lecture           |
| Spring 2022 | ENG3310  | 3310  | American Texts: to 1890 | ENG | English                     | 3   | Representative works of American writers from the colonial era until 1890.  | UG | LE | Lecture           |
| Spring 2022 | SW2700   | 2700  | Intro to Social         | SW  | Social Work                 | 3   | Includes an introduction to: the historical development of social work as a profession, the   | UG | LE | Lecture           |
| Spring 2022 | MKT4400  | 4400  | Services Marketing      | MKT | Marketing                   | 3   | Explores the seven Ps of marketing relating to the marketing of services. Explores emerging theories and strategies for effective implementation.                                 | UG | LE | Lecture           |
| Spring 2022 | PSY5920  | 5920  | Behavioral Neurosci II  | PSY | Psychology                  | 3   | Learning and memory, reinforcement systems, ingestive behavior, sensory and motor systems, psychopharmacology, and addictive processes.   | GR | LE | Lecture           |
| Spring 2022 | HST6600  | 6600  | Early American History  | HST | History                     | 3   | Examines Colonial, Revolutionary, and early Republic periods of American history. Topics vary.  | GR | LE | Lecture           |
| Spring 2022 | EE6440   | 6440  | Electronic              | EE  | Electrical                  | 3   | Theory and applications of linear integrated circuits. Topics include bipolar and field effect  | GR | LE | Lecture           |
| Spring 2022 | SPN4830  | 4830  | Business in L.          | SPN | Spanish                     | 3   | This course studies, in both English and Spanish, fundamental concepts of doing business,   | UG | SE | Seminar           |
| Spring 2022 | PLS3460  | 3460  | Public Personnel Admin  | PLS | Political Science           | 3   | Methods of employment, training, compensation, and employee relations in various levels of civil service. Examines organizations of public employees.                             | UG | LE | Lecture           |
| Spring 2022 | ISG7300  | 7300  | Practicum in            | ISG | Intervention                | 4   | Educators with prior teaching licenses, under the direct supervision of an experienced  | GR | IN | Internship        |
| Spring 2022 | ED6350   | 6350  | MCE: Math               | ED  | Education                   | 3   | A study of curriculum, materials, and methodology for teaching mathematics in the middle  | GR | LL | Lecture/Lab       |
| Spring 2022 | CTE4820  | 4820  | Laws & Regs             | CTE | Career and                  | 3   | Fundamental knowledge of legislation, regulations and guidance. Includes an overview of   | UG | LE | Lecture           |
| Spring 2022 | EDL7220  | 7220  | Instruct Mgmt           | EDL | Educational                 | 3   | Strategies for developing and maintaining continual improvement processes using systems   | GR | LE | Lecture           |
| Spring 2022 | CEG6326L | 6326L | IC Hardware             | CEG | Computer                    | 1   | Students learn to implement hardware security/trust detection methods using the techniques  | GR | LB | Lab               |
| Spring 2022 | PSY4510  | 4510  | Cross-Cul Psy           | PSY | Psychology                  | 3   | Communication-intensive seminar integrating knowledge on cross-cultural psychology.   | UG | SE | Seminar           |
| Spring 2022 | NUR7305  | 7305  | Org. Theory &           | NUR | Nursing                     | 3   | Evaluation of the concepts, models, theories, and principles of nursing administration.   | GR | LE | Lecture           |
| Spring 2022 | MKT4690  | 4690  | Big Data and            | MKT | Marketing                   | 3   | Students learn specific data analytic methodologies such as predictive analytics, data mining,  | UG | LE | Lecture           |
| Spring 2022 | SPN5440  | 5440  | Spanish Amer Culture    | SPN | Spanish                     | 3   | A comprehensive review of the diverse cultures of Hispanic America.   | GR | LE | Lecture           |

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|-------------|----------|-------|------------------------------|-----|--------------------------------|---|--|----|-----|-------------------------|
| Spring 2022 | EES3180L | 3180L | Water & the Environment Lab  | EES | Earth & Environmental Sciences | 0 | Required laboratory for EES 3180.  | UG | LB  | Lab                     |
| Spring 2022 | SPM7030  | 7030  | Acad Supp Stu                | SPM | Sports                         | 1 | This course will explore the academic experience of student athletes in the context of the   | GR | SE  | Seminar                 |
| Spring 2022 | EDL9730  | 9730  | Perspectives on Educ         | EDL | Educational Leadership         | 3 | Examines leadership, curriculum, and instruction in a rapidly evolving global and technological world from a district level perspective.   | GR | SE  | Seminar                 |
| Spring 2022 | BME4704  | 4704  | Advanced                     | BME | Biomedical                     | 4 | Generation, effects, and detection of ionizing radiation and its application to plain radiographic   | UG | LE  | Lecture                 |
| Spring 2022 | EDT7240  | 7240  | Teach 21st Century Skill     | EDT | Educational Technology         | 4 | Teaching 21st century skills, collaborating with classroom teachers, standards alignment, and evidence-based practice. Includes field experience.  | GR | LL  | Lecture/Lab Combination |
| Spring 2022 | EGR4980  | 4980  | Special Topics in EGR        | EGR | Engineering                    | 1 | Special topics in Engineering and Computer Science.  | UG | PKG | Combination             |
| Spring 2022 | PPH7430  | 7430  | Health                       | PPH | Population &                   | 3 | This course introduces the concepts, principles, and practices of health communications. It  | GR | LE  | Lecture                 |
| Spring 2022 | KNH1620B | 1620B | Stretch & Tone/Pilates       | KNH | Kinesiology & Health           | 1 | Fundamental skills and knowledge of Stretch & Tone/Pilates. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB  | Lab                     |
| Spring 2022 | MUA1100  | 1100  | Applied Music                | MUA | Music: Applied                 | 1 | Applied music instruction is available to the general student, regardless of major. Section  | UG | IS  | Independent             |
| Spring 2022 | PLS6420  | 6420  | Criminal Justice Systems     | PLS | Political Science              | 3 | Survey of the American criminal justice system concentrating on political aspects. Topics include police, judges, attorneys, supreme court decisions, crime, and public opinion.             | GR | LE  | Lecture                 |
| Spring 2022 | CHM3510L | 3510L | Physical Chm Lab I           | CHM | Chemistry                      | 2 | Experimental methods of physical chemistry. Integrated Writing course.   | UG | LB  | Lab                     |
| Spring 2022 | CHM7020  | 7020  | Res Perspectives Chem        | CHM | Chemistry                      | 1 | Lecture/reading course to acquaint new graduate students with the research being carried out by the faculty in the Department of Chemistry.  | GR | LE  | Lecture                 |
| Spring 2022 | EC7150   | 7150  | Applied                      | EC  | Economics                      | 3 | Emphasis on advanced microeconomics applications in consumption/work decisions of  | GR | LE  | Lecture                 |
| Spring 2022 | CS7810   | 7810  | Meta                         | CS  | Computer                       | 3 | The course provides an introduction to how to represent knowledge and how to use it for  | GR | LE  | Lecture                 |
| Spring 2022 | MTH6140  | 6140  | Mathematical                 | MTH | Mathematics                    | 3 | Solving scientific problems using computational software packages MATLAB and   | GR | LE  | Lecture                 |
| Spring 2022 | ME3870L  | 3870L | Machining Lab                | ME  | Mechanical                     | 0 | Students will learn the basics of milling and turning operations in a project-based environment.   | UG | LB  | Lab                     |
| Spring 2022 | BIO2120  | 2120  | Cell Biology                 | BIO | Biology                        | 3 | Eukaryotic cell structure and function, including energetics and involvement of various organelles.  | UG | LE  | Lecture                 |
| Spring 2022 | BIO4060  | 4060  | Evolutionary                 | BIO | Biology                        | 3 | Critically examines modern evolutionary research, with focus on recent theoretical and   | UG | LE  | Lecture                 |
| Spring 2022 | GER5830  | 5830  | Applied Elem Ger Instr.      | GER | German                         | 1 | Graduate student assist GER 1010 or GER 1020 instructors in conducting classes. Taught in German.  | GR | IS  | Independent Study       |
| Spring 2022 | PSY6440  | 6440  | Work Stress Capstone         | PSY | Psychology                     | 3 | Communication-intensive seminar integrating knowledge on work stress.  | GR | SE  | Seminar                 |
| Spring 2022 | HST4700  | 4700  | 20th-century US History      | HST | History                        | 3 | Examines particular stages of the 20th-century American experience (e.g., the Progressive Era) or selected topics (e.g., the Civil Rights Movement). Topics vary. Integrated Writing course. | UG | LE  | Lecture                 |
| Spring 2022 | MTH7990  | 7990  | Selected Topics              | MTH | Mathematics                    | 1 | Selected topics in mathematics.  | GR | IS  | Independent Study       |
| Spring 2022 | EC4600   | 4600  | Economics of Sports          | EC  | Economics                      | 3 | Applications of economic principles to professional and intercollegiate sports.  | UG | LE  | Lecture                 |
| Spring 2022 | BIO6440L | 6440L | Plant Physiology Lab         | BIO | Biology                        | 0 | Required laboratory for BIO 6440.  | GR | LB  | Lab                     |
| Spring 2022 | SOC4600  | 4600  | Sociology of                 | SOC | Sociology                      | 3 | Explores issues of sexual identity and sexual behavior. Also addresses how social institutions   | UG | LE  | Lecture                 |
| Spring 2022 | PSY3330L | 3330L | Personality Research Mth Lab | PSY | Psychology                     | 0 | Required laboratory for PSY 3330. Integrated Writing course.   | UG | LB  | Lab                     |
| Spring 2022 | ABS7601  | 7601  | Sem CJ Research              | ABS | Applied Behavioral Science     | 1 | In-depth coverage of special topics in applied behavioral science/criminal justice with an emphasis on theory, methods, and research. Topics vary. 1-2 credit hours                          | GR | LE  | Lecture                 |

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|-------------|----------|-------|-----------------------------|-----|------------------------|-----|---|----|----|-------------------|
| Spring 2022 | ME4585   | 4585  | Natural Gas                 | ME  | Mechanical             | 3   | Knowledge of natural gas production and the associated separation processes to extract gas  | UG | LE | Lecture           |
| Spring 2022 | EE4820   | 4820  | Part-Time CPT in EE         | EE  | Electrical Engineering | 1   | Practical work experience in undergraduate level electrical engineering.  | UG | IN | Internship        |
| Spring 2022 | ATH5710  | 5710  | Ethnographic Methods        | ATH | Anthropology           | 3   | Explores the meaning, scope and dilemmas of ethnography using both a hands-on ethnographic project and a wide array of readings.  | GR | LE | Lecture           |
| Spring 2022 | EDS6731  | 6731  | Professional                | EDS | Education -            | 0.5 | Seminar focus will prepare candidates for state licensure requirements. Topics include:   | GR | SE | Seminar           |
| Spring 2022 | DAN1220  | 1220  | Jazz for MT2                | DAN | Dance                  | 1   | Group class introduces Musical Theatre majors to fundamentals of jazz and modern dance technique.   | UG | ST | Studio            |
| Spring 2022 | SOC4620  | 4620  | Elite Crime                 | SOC | Sociology              | 3   | Theoretical and critical examination of the extent, cost, and control of elite crime and deviance.  | UG | LE | Lecture           |
| Spring 2022 | PLS6050  | 6050  | Pol                         | PLS | Political              | 3   | Explores the causes and consequences of the deepening political divide in the U.S. Evaluates  | GR | LE | Lecture           |
| Spring 2022 | ME6680   | 6680  | Experimental                | ME  | Mechanical             | 3   | This course will provide a series of laboratory experiments similar to the state-of-the-art R&D   | GR | LE | Lecture           |
| Spring 2022 | GER3510  | 3510  | German                      | GER | German                 | 3   | Survey of the contribution of German-speaking people to world culture in art, music, science,   | UG | LE | Lecture           |
| Spring 2022 | ED7850   | 7850  | Act Research                | ED  | Education              | 3   | Course provides introduction to teacher-based action research. Students learn: types of   | GR | LE | Lecture           |
| Spring 2022 | EC7890   | 7890  | Continuing Registration     | EC  | Economics              | 1   |   | GR | LE | Lecture           |
| Spring 2022 | BIO6410  | 6410  | Behavioral                  | BIO | Biology                | 3   | This course will focus on how and why animals behave the way they do. In particular, we will  | GR | LE | Lecture           |
| Spring 2022 | BIO1120R | 1120R | Genes & Cells Recitation    | BIO | Biology                | 0   | Optional recitation for BIO 1120. Meetings provide just-in-time support for the course's laboratory reports and on-line quizzes.  | UG | RE | Recitation        |
| Spring 2022 | PSY6940  | 6940  | Animal Behavior Capstone    | PSY | Psychology             | 3   | Communication-intensive seminar integrating knowledge on animal behavior. Topics will include evolution, natural and sexual selection, and mating systems.                                  | GR | SE | Seminar           |
| Spring 2022 | MTH1280  | 1280  | College Algebra             | MTH | Mathematics            | 4   | Graphs and equations for linear, polynomial, rational, exponential, and logarithmic functions, and systems of equations.  | UG | LE | Lecture           |
| Spring 2022 | FR1020   | 1020  | Beginning                   | FR  | French                 | 3   | Communicative introduction to French structures and vocabulary and to French and  | UG | LE | Lecture           |
| Spring 2022 | PHY2450  | 2450  | Concepts in                 | PHY | Physics                | 3.5 | Fundamental concepts and applications of physics designed for early childhood education   | UG | LL | Lecture/Lab       |
| Spring 2022 | SW4900   | 4900  | Social Work                 | SW  | Social Work            | 3   | Basic skills of quantitative and qualitative social research methodology and techniques of  | UG | LE | Lecture           |
| Spring 2022 | ITL7890  | 7890  | Intl Continued              | ITL | Intl Continued         | 0   | International students in graduate programs requiring a thesis or dissertation and who have   | GR | LE | Lecture           |
| Spring 2022 | PHL6010  | 6010  | Major Philosophers          | PHL | Philosophy             | 3   | In-depth study of the works of a major philosopher. Topics vary.  | GR | LE | Lecture           |
| Spring 2022 | NUR3420C | 3420C | Nur Care Mental Health Clin | NUR | Nursing                | 0   | Required clinical for NUR 3420.   | UG | CL | Clinical          |
| Spring 2022 | HST4950  | 4950  | Independent Readings        | HST | History                | 1   | Faculty-directed readings in a field of students' choice.   | UG | IS | Independent Study |
| Spring 2022 | BME4910  | 4910  | BME Design I                | BME | Biomedical             | 3   | Segment one of the BME senior design sequence. Introduction to patents and engineering  | UG | LE | Lecture           |
| Spring 2022 | CHM7480  | 7480  | Syn Org Reactions           | CHM | Chemistry              | 2   | Systematic treatment of organic reactions including, where applicable, some theoretical basis for the nature of the reaction. Emphasis on the uses of these reactions in organic synthesis. | GR | LE | Lecture           |
| Spring 2022 | ENG3510  | 3510  | Content Writing Pedagogy    | ENG | English                | 3   | Introduction to teaching writing process strategies for middle childhood majors.<b>Department Managed Prerequisite(s): Undergraduate level ENG 2100 Minimum Grade of C</b>                  | UG | LE | Lecture           |
| Spring 2022 | ART6170  | 6170  | Adv St Non Western Art      | ART | Art                    | 3   | Intensive studies of periods, major movements, and artists in non-Western art. Titles vary.   | GR | LE | Lecture           |
| Spring 2022 | ENG2020  | 2020  | Topics in Writing           | ENG | English                | 3   | Exploration of topics and approaches in the field of Writing with focus on developing mastery and enjoyment of the writing process.   | UG | LE | Lecture           |
| Spring 2022 | IHE6330  | 6330  | Egr in Occup                | IHE | Industrial &           | 3   | Discusses and demonstrates the role and responsibility of engineers in occupational safety  | GR | LE | Lecture           |
| Spring 2022 | ATH3520  | 3520  | America's                   | ATH | Anthropology           | 3   | Discussion of 300 years of historic lifeways across North America with a focus on   | UG | LE | Lecture           |
| Spring 2022 | PHY4450  | 4450  | Teaching                    | PHY | Physics                | 3   | Pedagogical content knowledge and skills necessary to teach physical science. Includes an   | UG | LL | Lecture/Lab       |
| Spring 2022 | FAS3200  | 3200  | Sustainable                 | FAS | Food and               | 3   | Exploration of sustainable practices of agroecosystems. Course content will include abiotic   | UG | LB | Lab               |
| Spring 2022 | CHM6020  | 6020  | Adv Environ Chm & Analy     | CHM | Chemistry              | 3   | Environmental sampling and analysis using instrumental techniques. Chemical fate prediction by measurement and examination of physical and chemical properties.                             | GR | LE | Lecture           |

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|-------------|----------|-------|--------------------------|-----|-------------------------------|---|---|----|----|-------------------------|
| Spring 2022 | SPN6710  | 6710  | Spanish As a World Lang  | SPN | Spanish                       | 3 | Linguistic and social history of the Spanish language. Language variation in Spain, Latin America, United States, and other areas of the world where Spanish is spoken.                     | GR | SE | Seminar                 |
| Spring 2022 | ENG4760  | 4760  | TESOL                    | ENG | English                       | 3 | Investigates key concepts and underlying theories in the field of language assessment. Looks  | UG | LE | Lecture                 |
| Spring 2022 | GER4320  | 4320  | 20th Cent                | GER | German                        | 3 | Readings and reports in 20th-century drama. Representative works of Schnitzler,   | UG | LE | Lecture                 |
| Spring 2022 | MIS3840  | 3840  | Data Vis for             | MIS | Management                    | 3 | Introduce students to data visualization in business including both the principles and  | UG | LE | Lecture                 |
| Spring 2022 | EDS7210  | 7210  | Practicum: Int           | EDS | Education -                   | 2 | Candidates with prior teaching license(s), under the direct supervision of an experienced   | GR | IN | Internship              |
| Spring 2022 | PLS6180  | 6180  | Politics and Ethics      | PLS | Political Science             | 3 | Philosophical and legal foundations for regulating ethics among public officials.   | GR | LE | Lecture                 |
| Spring 2022 | ME6940   | 6940  | Mech & Mat EGR Intern    | ME  | Mechanical and Materials Engr | 3 | Department internship course. Students are supervised via weekly seminars and regular feedback from employer.   | GR | IN | Internship              |
| Spring 2022 | COM1010  | 1010  | Essential Public Address | COM | Communication                 | 3 | Fundamentals of verbal and nonverbal communication in platform speaking. Discussion and practice in vocal and physical delivery and in purposeful organization and development of a speech. | UG | LL | Lecture/Lab Combination |
| Spring 2022 | REL5440  | 5440  | Hinduism                 | REL | Religion                      | 3 | Exploration of some of the major beliefs and practices of Hinduism, an ancient, widely practiced, and amazingly diverse religious tradition.  | GR | LR | Lecture/Recitation      |
| Spring 2022 | IT2150   | 2150  | Design Integration       | IT  | Information Technology        | 4 | Skills needed to integrate essential software into projects that conform to design principles and client expectations.  | UG | LE | Lecture                 |
| Spring 2022 | CHM4210R | 4210R | Adv Inorganic Syn Rec    | CHM | Chemistry                     | 0 | Required recitation for CHM 4210.   | UG | RE | Recitation              |
| Spring 2022 | PSY8760  | 8760  | Job                      | PSY | Psychology                    | 2 | Seminar with in-depth coverage of job performance. Topics will include: dimensionality of job   | GR | SE | Seminar                 |
| Spring 2022 | REL4100  | 4100  | Seminar on Judaism       | REL | Religion                      | 3 | Topics Vary. Integrated Writing course.   | UG | SE | Seminar                 |
| Spring 2022 | GER4060  | 4060  | Renaissance & Reformatio | GER | German                        | 3 | Representative German authors of the period.  | UG | LE | Lecture                 |
| Spring 2022 | HPR2600  | 2600  | Intro to Education       | HPR | Health Phy Educ & Recreation  | 3 | Orientation to the teaching profession and pluralistic American society as well as an awareness of the global community.  | UG | LE | Lecture                 |
| Spring 2022 | PTX7011  | 7011  | Thesis                   | PTX | Pharmacology/                 | 1 | Students will learn how to develop thesis proposals and how to present research projects.   | GR | LE | Lecture                 |
| Spring 2022 | BMS8030  | 8030  | Pathogenic               | BMS | Biomedical                    | 4 | (Also listed as M&I 7270.) Microorganisms pathogenic for humans and animals using the   | GR | LE | Lecture                 |
| Spring 2022 | PLS4530  | 4530  | Politics of              | PLS | Political                     | 3 | Examines the political life in Russia and the former Soviet Union, with emphasis on the legacy  | UG | LE | Lecture                 |
| Spring 2022 | PLS3450  | 3450  | Public Administration    | PLS | Political Science             | 3 | Nature and scope of public administration, administrative law, and public interest in the administrative process.   | UG | LE | Lecture                 |
| Spring 2022 | ME6700   | 6700  | Structure &              | ME  | Mechanical                    | 3 | Effect of microstructure, phase equilibrium, and processing on properties of structural   | GR | LE | Lecture                 |
| Spring 2022 | FR3120   | 3120  | French Conv              | FR  | French                        | 3 | Practice in oral use of French emphasizing the culture of the French-speaking world. Taught in  | UG | LE | Lecture                 |
| Spring 2022 | GER3830  | 3830  | Applied Elem             | GER | German                        | 1 | German majors and minors assist GER 1010 or GER 1020 course instructors in conducting   | UG | IS | Independen              |
| Spring 2022 | PLS6940  | 6940  | Special Topics           | PLS | Political Science             | 3 | Advanced study of a selected topic of contemporary political significance.  | GR | LE | Lecture                 |
| Spring 2022 | CTE6000  | 6000  | Pre-Serv                 | CTE | Career and                    | 6 | For beginning CTE teachers with occupational experience and limited or no formal training in  | GR | LE | Lecture                 |
| Spring 2022 | PN8600   | 8600  | Prin                     | PN  | Physiology &                  | 1 | Principles of Biomedical Research is appropriate for students that will be involved in  | GR | LE | Lecture                 |
| Spring 2022 | CS1160   | 1160  | Intro to Comp            | CS  | Computer                      | 4 | Basic concepts of programming using the Python programming language. <b> Department   | UG | LE | Lecture                 |
| Spring 2022 | IHE7510  | 7510  | Data Mining              | IHE | Industrial &                  | 3 | Concepts, techniques, and applications of data mining. In addition, students will get hands-on  | GR | LE | Lecture                 |
| Spring 2022 | EE6800L  | 6800L | Special Topics in EE Lab | EE  | Electrical Engineering        | 1 | Laboratory for EE 6800.   | GR | LB | Lab                     |
| Spring 2022 | BIO4470  | 4470  | Pop and Comm Ecology     | BIO | Biology                       | 3 | Use of deterministic and stochastic models to characterize populations and quantitative methods for analyzing community structure, composition, and dynamics.                               | UG | LE | Lecture                 |
| Spring 2022 | KNH1300A | 1300A | Hiking                   | KNH | Kinesiology & Health          | 1 | Fundamental skills and knowledge of Hiking. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | GR4530   | 4530  | Readings                 | GR  | Greek                         | 3 | Herodotus, Thucydides, Xenophon, Polybius, and Plutarch. Topics include methods of  | UG | LE | Lecture                 |

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| Spring 2022 | AES4700 | 4700 | ECL Lab                  | AES | Aerospace Studies       | 0 | Students who have completed Professional Officer coursework but are not yet eligible to graduate enroll in this course to remain proficient until they graduate.                             | UG | LB | Lab               |
| Spring 2022 | ED3700  | 3700 | Comm Arts for Ed         | ED  | Education               | 3 | Examine, design, and present speeches and media projects for a variety of purposes, occasions, and audiences.  | UG | LE | Lecture           |
| Spring 2022 | ANT2120 | 2120 | Human                    | ANT | Anatomy                 | 4 | Introductory survey of the anatomy and physiology of the human body with an emphasis on  | UG | LE | Lecture           |
| Spring 2022 | SPN6120 | 6120 | SPN Instr                | SPN | Spanish                 | 1 | Peer teachers observe and assist in elementary and/or intermediate level classes;  | GR | PR | Practicum         |
| Spring 2022 | LAT6810 | 6810 | Indepen                  | LAT | Latin                   | 1 | Reading and discussion of selected works of Latin literature with emphasis on grammatical,   | GR | LE | Lecture           |
| Spring 2022 | KNH1540 | 1540 | Self Defense for Women   | KNH | Kinesiology & Health    | 1 | Fundamental skills and knowledge of Self Defense for Women. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab               |
| Spring 2022 | ML5990  | 5990 | Studies in Selected Subj | ML  | Modern Languages        | 1 | Topics of study in modern languages  | GR | LE | Lecture           |
| Spring 2022 | BMB7660 | 7660 | Systems                  | BMB | Biochem &               | 3 | This course will describe current state-of-the-art experimental and analytical techniques in the   | GR | LE | Lecture           |
| Spring 2022 | PLS4080 | 4080 | Radical Black Thought    | PLS | Political Science       | 3 | Examines radical black thought and philosophy from a Pan-Africanist perspective, focusing primarily on the 20th century. Integrated Writing course.  | UG | LE | Lecture           |
| Spring 2022 | HST7860 | 7860 | Historic Preservation    | HST | History                 | 3 | Overview of the history and practices of architectural preservation. Introduces students to the supervision of, or participation in, the preservation program of an historical organization. | GR | LE | Lecture           |
| Spring 2022 | CNL7000 | 7000 | CnsIng                   | CNL | Counseling              | 3 | An overview of the major theoretical approaches to counseling. Key concepts, therapeutic   | GR | LE | Lecture           |
| Spring 2022 | MIS4250 | 4250 | IT                       | MIS | Management              | 3 | Introduces Information Technology infrastructures including background, types, proper  | UG | LE | Lecture           |
| Spring 2022 | BMS7500 | 7500 | Molecular                | BMS | Biomedical              | 3 | Also listed as BMB 7500. Survey course emphasizing experimental and problem-solving  | GR | LE | Lecture           |
| Spring 2022 | ART4170 | 4170 | Adv Stud NonWestern Art  | ART | Art                     | 3 | Intensive studies of periods, major movements, and artists in non-Western art. <b> Department Managed Prerequisite(s): Undergraduate level ART 3170 Minimum Grade of D</b>                   | UG | LE | Lecture           |
| Spring 2022 | CEG5110 | 5110 | Intro Software           | CEG | Computer                | 3 | This course introduces software testing strategies and established best practices for testing  | GR | LE | Lecture           |
| Spring 2022 | PTX4004 | 4004 | Med Chem,                | PTX | Pharmacology/           | 3 | Discussion of chemical agents, radiological dispersal devices, and nuclear weapons from a  | UG | LE | Lecture           |
| Spring 2022 | EDL8630 | 8630 | Principal Program Exit   | EDL | Educational Leadership  | 1 | Focusing on understanding current building-level leadership concepts, topics, and issues within the context of the school organization.  | GR | SE | Seminar           |
| Spring 2022 | EP5220  | 5220 | Optics                   | EP  | Engineering             | 3 | Study of optics using geometric and physical optics. Theory and applications of interferometry   | GR | LE | Lecture           |
| Spring 2022 | PSI8410 | 8410 | Group                    | PSI | Professional            | 3 | Presents background, development, and theory of small groups as well as effective leadership   | GR | LE | Lecture           |
| Spring 2022 | PLS6530 | 6530 | Politics of Russia       | PLS | Political Science       | 3 | Examines the political life in Russia and the former Soviet Union, with emphasis on the legacy of communism and the role of economics and politics in the transition to democracy.           | GR | LE | Lecture           |
| Spring 2022 | EDL9850 | 9850 | Org Dynamics             | EDL | Educational             | 3 | Focuses on the individual and the organization. The respective needs and expectations of   | GR | LE | Lecture           |
| Spring 2022 | URS6240 | 6240 | Pub. Sec. Lab. Relations | URS | Urban Affairs           | 3 | Examines collective bargaining, the negotiation process, impasse resolution, and contract and grievance administration in local government.  | GR | LE | Lecture           |
| Spring 2022 | PSY6720 | 6720 | Select Visual Attn Cap   | PSY | Psychology              | 3 | Communication-intensive seminar integrating knowledge on selective visual attention.   | GR | SE | Seminar           |
| Spring 2022 | CEG5970 | 5970 | Independent Study in CEG | CEG | Computer Engineering    | 1 | Independent study in computer engineering topics.  | GR | IS | Independent Study |
| Spring 2022 | GEO6440 | 6440 | Adv GIS                  | GEO | Geography               | 4 | Study of advanced geo-spatial analysis techniques using ArcView and ArcGIS software. GIS   | GR | LE | Lecture           |
| Spring 2022 | SCM4950 | 4950 | Project in SCM           | SCM | Supply Chain Management | 3 | Practical experience in analyzing, designing, implementing, evaluating, and developing supply chain management for businesses and non-profit organizations. Service Learning course.         | UG | LE | Lecture           |
| Spring 2022 | IHE7310 | 7310 | Adv Ergon                | IHE | Industrial &            | 3 | Design of workstations and hand-tools using physiology and biomechanics approach.  | GR | LE | Lecture           |
| Spring 2022 | FR3320  | 3320 | Francophone              | FR  | French                  | 3 | Introduction to the culture and literature from French-speaking Africa. Taught in French.  | UG | LE | Lecture           |
| Spring 2022 | ED6700  | 6700 | Student Learning & Motiv | ED  | Education               | 3 | Understand theories of learning and motivation as well as appropriate preK-12 assessment in the context of principles from the field of educational psychology.                              | GR | LE | Lecture           |
| Spring 2022 | NUR4890 | 4890 | Ldshp &                  | NUR | Nursing                 | 3 | Theories and strategies of leadership and management for the practice of professional  | UG | PR | Practicum         |
| Spring 2022 | EDT1100 | 1100 | Special Topics in E Lib  | EDT | Educational Technology  | 1 | Topics vary.   | UG | LE | Lecture           |
| Spring 2022 | ATH4420 | 4420 | Archaeology of           | ATH | Anthropology            | 3 | Discussion of large scale forms of conflict of the past 500 years such as warfare, structural  | UG | LE | Lecture           |
| Spring 2022 | ENG6940 | 6940 | TESOL                    | ENG | English                 | 3 | Supervision of students teaching English to speakers of other languages. <b> Department  | GR | IN | Internship        |

|             |          |       |                                |     |                             |     |  |    |    |                         |
|-------------|----------|-------|--------------------------------|-----|-----------------------------|-----|--|----|----|-------------------------|
| Spring 2022 | TH4580   | 4580  | Singing Mus Theatre VIII       | TH  | Theatre                     | 2   | Private singing lessons for musical theatre.   | UG | ST | Studio                  |
| Spring 2022 | EE3000   | 3000  | Solid State EE                 | EE  | Electrical                  | 3   | Essential physical parameters of solids: elastic and thin-film properties (i.e. MEMS devices);   | UG | LE | Lecture                 |
| Spring 2022 | BMB7890  | 7890  | Continuing Registration        | BMB | Biochem & Molecular Biology | 1   | Continuing registration for advanced degree.   | GR | IS | Independent Study       |
| Spring 2022 | EC7810   | 7810  | Research in                    | EC  | Economics                   | 1   | Titles vary. Intensive reading or research in selected fields of advanced economics.<b>  | GR | IS | Independent             |
| Spring 2022 | MBA7500  | 7500  | Leadership and Ethics          | MBA | MBA                         | 3   | To understand and develop leadership skills as well as ethical behavior and the importance of both within an organization.   | GR | LE | Lecture                 |
| Spring 2022 | SPN5430  | 5430  | Spanish Culture                | SPN | Spanish                     | 3   | A comprehensive review of the diverse cultures of Spain.   | GR | LE | Lecture                 |
| Spring 2022 | NUR7803  | 7803  | FNP Practicum                  | NUR | Nursing                     | 6   | Intensive clinical focus provides students the opportunity to apply relevant theories, concepts,   | GR | CL | Clinical                |
| Spring 2022 | BMS8990  | 8990  | Continuing Registration        | BMS | Biomedical Sciences         | 0.5 |  | GR | LE | Lecture                 |
| Spring 2022 | PSY9075  | 9075  | Prediction                     | PSY | Psychology                  | 4   | This course is designed to be an intensive investigation into prediction models used in  | GR | LE | Lecture                 |
| Spring 2022 | EE7620   | 7620  | Det Est Opt Filt               | EE  | Electrical                  | 3   | Binary detection with single/multiple observations, linear minimum mean-square error filtering:  | GR | LE | Lecture                 |
| Spring 2022 | SCM3340  | 3340  | Global SCM                     | SCM | Supply Chain Management     | 3   | Management of the logistics function in supply chains, including physical distribution activities such as transportation, facility location and materials handling.                          | UG | LE | Lecture                 |
| Spring 2022 | P&N6300  | 6300  | Med Cell Bio &                 | P&N | Physiology &                | 3   | This is an interdisciplinary course that brings together fundamental concepts of biochemistry,   | GR | LE | Lecture                 |
| Spring 2022 | EDL9860  | 9860  | Organizational                 | EDL | Educational                 | 3   | Analyzing organizations and educational institutions in particular through a social systems  | GR | LE | Lecture                 |
| Spring 2022 | CEG4970  | 4970  | Independent Study              | CEG | Computer Engineering        | 1   | Independent study in computer engineering topics.  | UG | IS | Independent Study       |
| Spring 2022 | STT4620  | 4620  | Theory of                      | STT | Statistics                  | 4   | Point estimation, properties of estimators, sufficiency and completeness, single parameter   | UG | LE | Lecture                 |
| Spring 2022 | ED7904   | 7904  | Instruct Practices in Math     | ED  | Education                   | 1   | Centers on the effective implementation of various mathematical instructional practices, the evidence behind the practices, and their practical application in PK-12 classrooms.             | GR | SE | Seminar                 |
| Spring 2022 | URS6410  | 6410  | Cities and                     | URS | Urban Affairs               | 3   | Studies the evolving relationship between technology and urban growth, physical form,  | GR | LE | Lecture                 |
| Spring 2022 | DOS9060  | 9060  | Adv Rsrch Methods II           | DOS | Doctor Org Studies          | 3   | Developing research techniques in basic and inferential statistics using statistical computing software and critical interpretation of social sciences research design and analysis.         | GR | LL | Lecture/Lab Combination |
| Spring 2022 | CEG6322  | 6322  | VLSI Design                    | CEG | Computer                    | 3   | (Also listed as CEG 654.) Introduction to VLSI system design. Topics include CMOS devices  | GR | LE | Lecture                 |
| Spring 2022 | MKT4650  | 4650  | Mkt Analytics                  | MKT | Marketing                   | 3   | Analysis of online and internal company data, with an emphasis on application and recommendations.   | UG | LE | Lecture                 |
| Spring 2022 | EC6440   | 6440  | Prob in Ec                     | EC  | Economics                   | 3   | This course explores the problems of economic development in the third world and in  | GR | LE | Lecture                 |
| Spring 2022 | TH2570   | 2570  | Singing Mus Theatre III        | TH  | Theatre                     | 2   | Private singing lessons for musical theatre.   | UG | ST | Studio                  |
| Spring 2022 | IT3450   | 3450  | Altern Media                   | IT  | Information                 | 3   | In this project based course, students will use their 3D modeling skills to become creators of   | UG | LE | Lecture                 |
| Spring 2022 | ISE1110L | 1110L | Intro Eng Sci Apps for All Lab | ISE | Industrial & Systems Engr   | 0   | Required laboratory for ISE 1110.  | UG | LB | Lab                     |
| Spring 2022 | MI7260   | 7260  | Immunology                     | MI  | Microbiology &              | 4   | (Also listed as BMS 8020) Fundamentals of immunobiology and basic virology. Emphasis on  | GR | LR | Lecture/Rec             |
| Spring 2022 | EE4210   | 4210  | Digital Communication          | EE  | Electrical Engineering      | 3   | Introduction to digital communications: analog communication vs digital communication, source coding, pulse shaping, digital modulation/demodulation, signal detection and optimal receiver. | UG | LE | Lecture                 |
| Spring 2022 | KNH1060  | 1060  | Backpacking                    | KNH | Kinesiology & Health        | 1   | Fundamental skills and knowledge of Backpacking. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | PLS4450  | 4450  | Adv Criminal Investgn          | PLS | Political Science           | 3   | Criminal investigative techniques including forensics, evidence, interviews, and interrogation as applied to specific types of crimes. Integrated Writing course.                            | UG | LE | Lecture                 |
| Spring 2022 | NUR8860  | 8860  | Data Drvn Bus & Orgs           | NUR | Nursing                     | 3   | This course explores the foundations of population health informatics as a basis for assessment, planning, and implementation of evidence-based practices to improve health care systems.    | GR | LE | Lecture                 |
| Spring 2022 | EDT7510  | 7510  | Media Literacy                 | EDT | Educational                 | 3   | Use of communication competencies and critical thinking skills, including the ability to access,   | GR | LE | Lecture                 |



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|-------------|---------|-------|------------------------------|-----|--------------------------------|---|---|----|----|------------------------|
| Spring 2022 | EES3680 | 3680  | Hazardous Waste              | EES | Earth & Environmental Sciences | 3 | Managing hazardous materials and emergency response in the workplace, at spills, or at hazardous waste sites. Satisfies OSHA training requirement 29 CFR 1910.120.                        | UG | LE | Lecture                |
| Spring 2022 | ME7190  | 7190  | Engineering                  | ME  | Mechanical                     | 3 | This course is designed to bridge the classroom education and the latest engineering design   | GR | LE | Lecture                |
| Spring 2022 | PSY6630 | 6630  | Human Error Capstone         | PSY | Psychology                     | 3 | Communication-intensive seminar integrating knowledge on human error.   | GR | SE | Seminar                |
| Spring 2022 | PPH7130 | 7130  | Geospatial                   | PPH | Population &                   | 3 | This course prepares students to use geospatial technologies within the framework of Public   | GR | LL | Lecture/Lab            |
| Spring 2022 | EE4600L | 4600L | UAV Flight                   | EE  | Electrical                     | 1 | Laboratory supporting EE 4600/6600. Students will experience hands on learning in lab   | UG | LB | Lab                    |
| Spring 2022 | MUS2510 | 2510  | Musicianship III             | MUS | Music                          | 1 | Continuation of MUS 1520.   | UG | LE | Lecture                |
| Spring 2022 | SW6420  | 6420  | Con Foc F &                  | SW  | Social Work                    | 0 | Provides knowledge, skills, and values needed for advanced generalist social workers to   | GR | LE | Lecture                |
| Spring 2022 | ENG6620 | 6620  | Document                     | ENG | English                        | 3 | Instruction and experience in designing effective print and online documents.<b> Department   | GR | LE | Lecture                |
| Spring 2022 | PLS6920 | 6920  | Indep Field Research         | PLS | Political Science              | 1 | Supervised individual projects. May include internships or other special projects.  | GR | IN | Internship             |
| Spring 2022 | EDL7680 | 7680  | Teaching                     | EDL | Educational                    | 3 | The purpose of this course is to gain contextual knowledge to teach in contemporary schools.  | GR | SE | Seminar                |
| Spring 2022 | ISE4910 | 4910  | ISE Design I                 | ISE | Industrial &                   | 3 | Segment one of the ISE senior design sequence. Introduction to patents and engineering  | UG | LE | Lecture                |
| Spring 2022 | IHE7990 | 7990  | Independ Stdy in IHE II      | IHE | Industrial & Hum Fac Engr      | 1 | Graduate independent studies in advanced industrial and human factors engineering. Topics vary.   | GR | IS | Independent Study      |
| Spring 2022 | LAT6550 | 6550  | Readings in Roman Politi     | LAT | Latin                          | 3 | Readings include Cicero's political essays and speeches, the letters of Cicero and Pliny, and Augustus' Res Gestae. Titles vary.  | GR | LE | Lecture                |
| Spring 2022 | EES6470 | 6470  | Astronomy K-                 | EES | Earth &                        | 2 | Introduction to astronomy and the space sciences from the viewpoint of the amateur  | GR | LE | Lecture                |
| Spring 2022 | CHM4170 | 4170  | Applied                      | CHM | Chemistry                      | 2 | Practical applications of various spectrophotometral techniques (mass spectroscopy, infrared  | UG | LE | Lecture                |
| Spring 2022 | PHL5650 | 5650  | Human Nature                 | PHL | Philosophy                     | 3 | Theories of human nature. Topics vary.  | GR | LE | Lecture                |
| Spring 2022 | URS4260 | 4260  | Public Admin                 | URS | Urban Affairs                  | 3 | Places American public administration traditions and practices into comparative perspective.  | UG | LE | Lecture                |
| Spring 2022 | PSY9035 | 9035  | Math Models                  | PSY | Psychology                     | 2 | 1) Math & stats tools for models of cognition: random vars, prob density & dist funct's & cond'l  | GR | LE | Lecture                |
| Spring 2022 | HST7825 | 7825  | Exhibit Design Technolog     | HST | History                        | 3 | Teaches principles of museum exhibit design using design software and culminating in the development of small-scale exhibit plans.  | GR | LE | Lecture                |
| Spring 2022 | CRT1040 | 1040  | Corr                         | CRT | Corrections                    | 3 | Contemporary legal issues impacting corrections management. Using case law, how the First,  | UG | LE | Lecture                |
| Spring 2022 | NUR7513 | 7513  | Practicum for                | NUR | Nursing                        | 6 | Focus is on models of practice in providing health care to infants, children and adolescents  | GR | LE | Lecture                |
| Spring 2022 | MKT4300 | 4300  | Entrepreneurs                | MKT | Marketing                      | 3 | How to start a business. Concepts, strategies and tactics of product innovation/development   | UG | LE | Lecture                |
| Spring 2022 | MUS4460 | 4460  | Medieval & Renaissance Music | MUS | Music                          | 3 | Study of music and critical analysis of representative works from major composers of Medieval and Renaissance music.  | UG | LE | Lecture                |
| Spring 2022 | PPH7110 | 7110  | Public Health                | PPH | Population &                   | 3 | This class will examine a range of research designs in the context of methods commonly used   | GR | SE | Seminar                |
| Spring 2022 | MKT4850 | 4850  | Special Topics               | MKT | Marketing                      | 3 | Seminar on special topics such as consumerism and social issues, nonprofit organization   | UG | LE | Lecture                |
| Spring 2022 | EDL9900 | 9900  | Practicum II:                | EDL | Educational                    | 3 | The practicum provides significant opportunities for candidates to synthesize and apply the   | GR | IN | Internship             |
| Spring 2022 | REL5940 | 5940  | Existentialism               | REL | Religion                       | 3 | (Also listed as PHL 5090.) Introduction to 20th century philosophical and literary movement.  | GR | LE | Lecture                |
| Spring 2022 | EDS4730 | 4730  | IS Student                   | EDS | Education -                    | 9 | Candidates, under the direct supervision of an experienced intervention specialist, are   | UG | IN | Internship             |
| Spring 2022 | MUS4200 | 4200  | Opera                        | MUS | Music                          | 2 | For advanced singers in the production of opera; culminates in public performance. Individual   | UG | LL | Lecture/Lab            |
| Spring 2022 | TH3330  | 3330  | Computer Graphics TH I       | TH  | Theatre                        | 3 | Introduction to computer-aided drafting programs. Basic skills developed through several projects including orthographic projections, designer's elevations, groundplans and light plots. | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | NUR4990 | 4990  | Nur Honors Ind               | NUR | Nursing                        | 1 | Under the guidance of a faculty member, students implement and complete the honors project  | UG | IS | Independent            |
| Spring 2022 | EES3200 | 3200  | Water,                       | EES | Earth &                        | 3 | Exploration of the geologic and environmental context of water and energy and the important   | UG | LE | Lecture                |
| Spring 2022 | EGR4980 | 4980  | Special Topics in EGR        | EGR | Engineering                    | 1 | Special topics in Engineering and Computer Science.   | UG | RE | Recitation             |
| Spring 2022 | TTW6500 | 6500  | TTW Int: Wrk                 | TTW | Transition to                  | 1 | Students assigned to an experienced Transition to Work Coordinator in the field for observing,  | GR | IN | Internship             |
| Spring 2022 | EE7200  | 7200  | Modern                       | EE  | Electrical                     | 3 | Analysis and design of digital control systems using the state approach, multirate digital  | GR | LE | Lecture                |

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|-------------|----------|-------|--------------------------------|-----|------------------------------|-----|---|----|-----|------------------------|
| Spring 2022 | PN7220   | 7220  | Ion Channels                   | PN  | Physiology & Neuroscience    | 3   | This course explores the role of ion channels in a variety of cell types with an emphasis on both electrophysiological and biochemical methods for evaluation of channel function.            | GR | LE  | Lecture                |
| Spring 2022 | MLB4611  | 4611  | Serology Lab                   | MLB | Medical                      | 0.5 | Antigens and the stimulation of antibodies in vivo, and the use of these reactions to perform in  | UG | LB  | Lab                    |
| Spring 2022 | FR6810   | 6810  | Ind Read for                   | FR  | French                       | 3   | Independent reading for graduate students. Taught in French.<b> Department Managed  | GR | IS  | Independen             |
| Spring 2022 | HST4000  | 4000  | Ancient History                | HST | History                      | 3   | Selected problems in Greek or Roman history to the death of Constantine in A.D. 337. Integrated Writing course.   | UG | LE  | Lecture                |
| Spring 2022 | PLS4360  | 4360  | Criminal Law                   | PLS | Political Science            | 3   | Nature of the criminal law and law pertaining to criminal liability; inchoate crimes; the elements of crimes against persons, property, and habitation; and the defenses to criminal actions. | UG | LE  | Lecture                |
| Spring 2022 | EES3620  | 3620  | General                        | EES | Earth &                      | 3   | Relationship of physical/chemical/biotic environments to design and operation of systems and  | UG | LE  | Lecture                |
| Spring 2022 | EDL9870  | 9870  | Admin                          | EDL | Educational                  | 3   | Focuses on the development of leadership skills in relationship to individual and organizational  | GR | LE  | Lecture                |
| Spring 2022 | BME4950  | 4950  | Undergrad Resrch BME II        | BME | Biomedical Engineering       | 1   | Undergraduate research in advanced biomedical engineering. Topics vary.   | UG | IS  | Independent Study      |
| Spring 2022 | CLS4810  | 4810  | Independent Study              | CLS | Classics                     | 1   | Faculty-directed, individualized study on student-selected topics. Limited to majors and advanced students. Permission of department and a minimum 3.0 GPA required.                          | UG | IS  | Independent Study      |
| Spring 2022 | CHM6680  | 6680  | Exp                            | CHM | Chemistry                    | 3   | This course will provide a series of laboratory experiments similar to the state-of-the-art R&D   | GR | PKG | Combinatio             |
| Spring 2022 | CEG4230L | 4230L | Intro Robotics Lab             | CEG | Computer Engineering         | 1   | First exposure to plant moduling and controller design to realize elementary control strategies in a laboratory environment.  | UG | LB  | Lab                    |
| Spring 2022 | ENG7900  | 7900  | Continuing                     | ENG | English                      | 1   | Limited to students who have completed coursework toward the degree but who must maintain   | GR | IS  | Independen             |
| Spring 2022 | MTH6240  | 6240  | Coding Theory                  | MTH | Mathematics                  | 3   | An introduction to the essentials of error-correcting codes, including methods for efficient and  | GR | LE  | Lecture                |
| Spring 2022 | MUE6480  | 6480  | Univ Clarinet Choir            | MUE | Music: Ensembles             | 1   | Performs music of all time periods and styles originally composed for this instrumentation as well as transcriptions of masterworks.  | GR | LL  | Lecture/Lab Combinatio |
| Spring 2022 | RST2910  | 2910  | Regional Studies MidEast       | RST | Regional Studies             | 3   | Introduction to the history, peoples, cultures, and geography of the Middle East from Mauritania to Pakistan from the seventh century to the present. Integrated Writing course.              | UG | LE  | Lecture                |
| Spring 2022 | EDL8510  | 8510  | Adv Rsrch Design Analyisi      | EDL | Educational Leadership       | 3   | Individual and group study of ongoing applied educational research.<b> Department Managed Prerequisite(s): Graduate level EDL 8520 Minimum Grade of D</b>                                     | GR | SE  | Seminar                |
| Spring 2022 | IT2050   | 2050  | Presentation Skills            | IT  | Information Technology       | 3   | Professional speaking and electronic presentation skills.   | UG | LE  | Lecture                |
| Spring 2022 | EE7580L  | 7580L | CMOS Mxd                       | EE  | Electrical                   | 1   | Required lab for EE 7580.<b> Department Managed Prerequisite(s): (Undergraduate level EE  | GR | LB  | Lab                    |
| Spring 2022 | NEU4200  | 4200  | Neu-ImmSys                     | NEU | Neuroscience                 | 3   | Multidirectional interactions between the nervous and immune systems have been  | UG | LE  | Lecture                |
| Spring 2022 | BME4440  | 4440  | Biomaterials                   | BME | Biomedical Engineering       | 4   | Application of materials in different biomedical fields. Design and analyses.   | UG | LL  | Lecture/Lab Combinatio |
| Spring 2022 | WGS5800  | 5800  | St in Selected Subjects        | WGS | Women, Gender, and Sexuality | 3   | Issues, approaches, and topics in the field of women's studies. Titles vary. Topics vary.   | GR | LE  | Lecture                |
| Spring 2022 | CHM2120R | 2120R | Organic Chemistry II Recitatio | CHM | Chemistry                    | 0   | Required recitation for CHM 2120.   | UG | RE  | Recitation             |
| Spring 2022 | EES3600  | 3600  | Water and                      | EES | Earth &                      | 4   | Relationship of physical and biotic environments to design and operation of systems and   | UG | LE  | Lecture                |
| Spring 2022 | CEG4350  | 4350  | OS Internals and Design        | CEG | Computer Engineering         | 3   | Overview of operating systems internals. File-system usage and design, process usage and control, virtual memory, multi user systems, access control. Course projects use C++ language.       | UG | LE  | Lecture                |
| Spring 2022 | KNH7550  | 7550  | Biomechanics                   | KNH | Kinesiology &                | 3   | Biomechanics and functional anatomy of the human body, with application of biophysical  | GR | LE  | Lecture                |
| Spring 2022 | EES4370  | 4370  | Seismic                        | EES | Earth &                      | 4   | Theory and practice of computer processing of seismic reflection data. Deals with seismic   | UG | LL  | Lecture/Lab            |
| Spring 2022 | MTH4910  | 4910  | HS Math Adv                    | MTH | Mathematics                  | 3   | Mathematics for high school teachers from an advanced perspective: real and complex   | UG | LE  | Lecture                |
| Spring 2022 | LDR4700  | 4700  | Workshop in Leadership         | LDR | Leadership                   | 1   | Small group learning for undergraduate students interested in leadership.   | UG | LE  | Lecture                |
| Spring 2022 | EC4400   | 4400  | Regional and                   | EC  | Economics                    | 3   | Regional economic analysis in a policy and planning context. Interdisciplinary approach to  | UG | LE  | Lecture                |
| Spring 2022 | ANT7310  | 7310  | Human Neurobiology             | ANT | Anatomy                      | 4   | (Also listed as BMS 903.) Detailed survey of the anatomy and physiology of the major fiber tracts and cell groups of the human central nervous system.  | GR | LL  | Lecture/Lab Combinatio |
| Spring 2022 | SPM7040  | 7040  | Recreation                     | SPM | Sports                       | 1   | This course explores directing and managing the program, services, and business operations  | GR | SE  | Seminar                |

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|-------------|----------|-------|------------------------------|-----|-------------------------------|---|--|----|----|------------------------|
| Spring 2022 | ANT2100L | 2100L | Human Anatomy & Phys I Lab   | ANT | Anatomy                       | 0 | Required laboratory for ANT 2100.  | UG | LB | Lab                    |
| Spring 2022 | CHM2120L | 2120L | Organic Chemistry Lab II     | CHM | Chemistry                     | 2 | Laboratory illustrations of CHM 2120 lecture material and techniques of preparative organic chemistry.   | UG | LB | Lab                    |
| Spring 2022 | FAS2110  | 2110  | Food Processing Unit Op      | FAS | Food and Agricultural Systems | 3 | A study of selected food processes and the underlying principles behind their operation.   | UG | LE | Lecture                |
| Spring 2022 | TH3150   | 3150  | Singing for the Actor V      | TH  | Theatre                       | 1 | Private singing lessons for acting, theatre studies and dance majors only.   | UG | ST | Studio                 |
| Spring 2022 | MTH2800  | 2800  | Writing Math                 | MTH | Mathematics                   | 3 | Introduction to logic and techniques used in mathematical proofs. Students gain experience in  | UG | LE | Lecture                |
| Spring 2022 | ED4080   | 4080  | Phonics and                  | ED  | Education                     | 3 | In-depth analysis of how people learn the printed word, and how to assess that knowledge with  | UG | LE | Lecture                |
| Spring 2022 | EE5030L  | 5030L | Circuit Analysis II Lab      | EE  | Electrical Engineering        | 1 | Application of AC concepts, computer-aided circuit analysis, two-port networks, and power theory.  | GR | LB | Lab                    |
| Spring 2022 | NUR3440C | 3440C | Nur Wom&Childbear Fam Clin   | NUR | Nursing                       | 0 | Required clinical for NUR 3440.  | UG | CL | Clinical               |
| Spring 2022 | MLB4810  | 4810  | Basic Immunohematology       | MLB | Medical Laboratory Science    | 2 | Theory and application of the use of antigens and antibodies in blood grouping and transfusion medicine.   | UG | LE | Lecture                |
| Spring 2022 | PSY2830  | 2830  | Chemical                     | PSY | Psychology                    | 3 | Use, misuse, and dependency of psychoactive chemicals/drugs. Review of history and theory  | UG | LE | Lecture                |
| Spring 2022 | PLS6821  | 6821  | Pre-Law Internship           | PLS | Political Science             | 3 | Intern 12-15 hours per week in regional law offices, including prosecutors, public defenders, and private practices. Assist attorneys, participate in outreach program activities, and observe trials. | GR | IN | Internship             |
| Spring 2022 | SPN5110  | 5110  | Spanish Conversation I       | SPN | Spanish                       | 3 | Practice in the oral use of Spanish emphasizing the culture of the Hispanic world.   | GR | LE | Lecture                |
| Spring 2022 | CEG4400L | 4400L | Comp Networks & Security Lab | CEG | Computer Engineering          | 0 | Required laboratory for CEG 4400.  | UG | LB | Lab                    |
| Spring 2022 | MUS2020  | 2020  | Theory of                    | MUS | Music                         | 3 | Continuation of MUS 1010 and 1020. Part-writing,   | UG | LE | Lecture                |
| Spring 2022 | KNH1520  | 1520  | SCUBA:                       | KNH | Kinesiology &                 | 2 | Advanced skills and knowledge of SCUBA: Master Diver. Competency-based approach.   | UG | LB | Lab                    |
| Spring 2022 | ART6050  | 6050  | Studies in Sculpture         | ART | Art                           | 3 | Provides opportunities to explore special problems and approaches to sculpture including cross-media and interdisciplinary studies. Titles vary.   | GR | LB | Lab                    |
| Spring 2022 | BMB2100  | 2100  | Intro to Biochemistry        | BMB | Biochem & Molecular Biology   | 2 | Basic concepts in Biochemistry.  | UG | LE | Lecture                |
| Spring 2022 | IHE6300  | 6300  | Fund of HFE                  | IHE | Industrial &                  | 3 | Fundamentals of human factors engineering tools and processes as applied to systems  | GR | LE | Lecture                |
| Spring 2022 | BMS7750  | 7750  | Pathogenic                   | BMS | Biomedical                    | 4 | (Also listed as M&I 6750.) This advanced level course will expand the knowledge of basic   | GR | LE | Lecture                |
| Spring 2022 | FIN7120  | 7120  | Investing in Securities      | FIN | Finance                       | 3 | Concepts, theories, and techniques underlying the development of investment policies and strategies.   | GR | LE | Lecture                |
| Spring 2022 | BIO1150  | 1150  | Organisms                    | BIO | Biology                       | 4 | Introduction to basic concepts of biology. Topics include evolution, ecology, and the diversity of   | UG | LE | Lecture                |
| Spring 2022 | ED6030   | 6030  | Read & Lit II: Int Spec      | ED  | Education                     | 3 | Extends knowledge of literacy instruction and addresses more advanced levels of literacy including content reading and writing for research and extended response.                                     | GR | LE | Lecture                |
| Spring 2022 | CS3180   | 3180  | Comparative                  | CS  | Computer                      | 3 | Fundamental concepts and paradigms underlying modern programming languages to enable   | UG | LE | Lecture                |
| Spring 2022 | HEA9280  | 9280  | Internship in                | HEA | Higher                        | 3 | Provides opportunity for an in-depth field experience in higher education with administrative  | GR | IN | Internship             |
| Spring 2022 | SW6160   | 6160  | Grad SW                      | SW  | Social Work                   | 0 | First of three research courses required in MASW program. Basic skills of quantitative and   | GR | LE | Lecture                |
| Spring 2022 | ANT8110  | 8110  | Comprehensiv                 | ANT | Anatomy                       | 4 | Integrates general principles and concepts of the following systems: cardiovascular,   | GR | IS | Independen             |
| Spring 2022 | PLS7010  | 7010  | ICP Statistics I             | PLS | Political Science             | 3 | Emphasis on quantitative research design, statistical literacy and data analysis in political science. Discusses measurement, probability, and univariate hypothesis testing.                          | GR | LL | Lecture/Lab Combinatio |
| Spring 2022 | MUS2420  | 2420  | Comp NW                      | MUS | Music                         | 3 | Introduction to the music and cultural diversity and uniqueness of selected areas of the globe.  | UG | LE | Lecture                |

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|-------------|----------|-------|-----------------------------|-----|-------------------------------------|---|--|----|-----|---------------------------|
| Spring 2022 | ISE4320  | 4320  | Hum-Sys Int &               | ISE | Industrial &                        | 3 | Theoretical paradigms in human-system interaction and their application to interface design.   | UG | LE  | Lecture                   |
| Spring 2022 | BIO4480  | 4480  | Advanced Cell               | BIO | Biology                             | 3 | Analysis of cellular proteins. Hands-on experience manipulating human cells in culture,  | UG | LL  | Lecture/Lab               |
| Spring 2022 | SPN3210  | 3210  | SPN Conv and                | SPN | Spanish                             | 3 | Oral and written composition in Spanish; writing techniques and grammar review. Taught in  | UG | LE  | Lecture                   |
| Spring 2022 | PSI9630  | 9630  | Practice Mgmt               | PSI | Professional                        | 1 | This course provides information on how to develop and maintain a psychological practice in  | GR | LE  | Lecture                   |
| Spring 2022 | RHB7000  | 7000  | Foundations of              | RHB | Rehabilitation                      | 3 | Explores the historical issues of rehabilitation counseling, working with people who have  | GR | LE  | Lecture                   |
| Spring 2022 | URS7030  | 7030  | Organization                | URS | Urban Affairs                       | 3 | Analysis of the fundamental behavior concepts and processes involved in public sector  | GR | LE  | Lecture                   |
| Spring 2022 | CNL7800  | 7800  | Sys Tech in<br>Marr & Fam   | CNL | Counseling                          | 2 | This course focuses on teaching systemic interventions and problem solving in the process of<br>resolving marriage and family related concerns.                                      | GR | LL  | Lecture/Lab<br>Combinatio |
| Spring 2022 | ART3180  | 3180  | Art Theory &                | ART | Art                                 | 3 | Historical surveys and intensive studies of art theory and criticism. Integrated Writing   | UG | LE  | Lecture                   |
| Spring 2022 | ATR7900  | 7900  | AT Special<br>Topics        | ATR | Athletic<br>Training                | 1 | Variable title/variable credit hour course to allow for special topic exploration that occurs during<br>the MSAT program.  | GR | SE  | Seminar                   |
| Spring 2022 | SW6730   | 6730  | Child Welfare I             | SW  | Social Work                         | 3 | Framework for categorizing child welfare problems. Historical and current examination of   | GR | LE  | Lecture                   |
| Spring 2022 | EDL9130  | 9130  | Adv Tchr Ldr<br>Seminar     | EDL | Educational<br>Leadership           | 3 | Advanced studies regarding critical topics and current issues relevant to the development of<br>classroom teachers as school leaders.  | GR | SE  | Seminar                   |
| Spring 2022 | HST3900  | 3900  | Global<br>Encounters        | HST | History                             | 3 | Examination of the social, cultural, economic, religious and/or political interactions between<br>Western Europe and the non-Western world since 1500. Topics vary.                  | UG | LE  | Lecture                   |
| Spring 2022 | CEG2400  | 2400  | Intro to PC                 | CEG | Computer                            | 3 | Introduces networking technologies including infrastructure and architectures, standards,  | UG | LL  | Lecture/Lab               |
| Spring 2022 | PTX7021  | 7021  | Effective Sci<br>Writing:P1 | PTX | Pharmacology/<br>Toxicology         | 3 | Students are required to independently write a 10-15 page scientific reviews on a current topic<br>in Pharmacology & Toxicology with input from the adviser.                         | GR | LE  | Lecture                   |
| Spring 2022 | EDS6670  | 6670  | Collab for<br>Inclusion     | EDS | Education -<br>Special<br>Education | 3 | Co-teaching techniques with an emphasis on differentiation, as well as collaborative<br>consultation and communication strategies to enhance instruction for diverse learners.       | GR | LE  | Lecture                   |
| Spring 2022 | EDS6190  | 6190  | Dyslexia                    | EDS | Education -                         | 3 | Practices and procedures used in developing curricula for individuals with dyslexia and  | GR | LE  | Lecture                   |
| Spring 2022 | BIO4540  | 4540  | Pathophysio                 | BIO | Biology                             | 3 | Patient care as applied to a wide variety of diseases and associated therapies. The disease  | UG | LE  | Lecture                   |
| Spring 2022 | PLS4880  | 4880  | Conflict<br>Resolution      | PLS | Political<br>Science                | 3 | Survey of literature on causes and resolution of conflict and application of concepts and<br>theories to analysis of a real-world international conflict. Integrated Writing course. | UG | SE  | Seminar                   |
| Spring 2022 | ME7340   | 7340  | Computational               | ME  | Mechanical                          | 3 | Introduction to modern computational fluid dynamic (CFD) methods. Survey of current  | GR | LL  | Lecture/Lab               |
| Spring 2022 | EDL7730  | 7730  | Curriculum<br>Analysis      | EDL | Educational<br>Leadership           | 3 | Improve the school leader's ability to manage and lead the development and organization of<br>curriculum, course planning, and materials.  | GR | LE  | Lecture                   |
| Spring 2022 | EE4100   | 4100  | NANO/Micro                  | EE  | Electrical                          | 3 | History, design, and fabrication of CMOS and micro-electro-mechanical systems (MEMS).  | UG | LE  | Lecture                   |
| Spring 2022 | ABS7900  | 7900  | ABS Graduate<br>Project     | ABS | Applied<br>Behavioral<br>Science    | 1 | Practical application of knowledge gained through courses applied to a capstone experience.  | GR | IS  | Independen<br>t Study     |
| Spring 2022 | COM1520  | 1520  | Mass Comm                   | COM | Communicatio<br>n                   | 3 | Study of mass media functions, industries, and effects to help students become more critical<br>mass media consumers and contributors.   | UG | LR  | Lecture/Rec<br>itation    |
| Spring 2022 | CRT2990  | 2990  | Law                         | CRT | Corrections                         | 3 | Opportunity to observe the criminal justice system in operation while comparing classroom  | UG | IN  | Internship                |
| Spring 2022 | ME7390   | 7390  | Fund of                     | ME  | Mechanical                          | 3 | Properties, characteristics, and use of ionized gases. Fundamentals of gaseous electronics   | GR | LE  | Lecture                   |
| Spring 2022 | OL3020   | 3020  | Leadership<br>Foundations   | OL  | Organizational<br>Leadership        | 3 | Introduction to leadership practice and skill development, with an emphasis in understanding<br>theories and styles for use in organizational settings.                              | UG | LE  | Lecture                   |
| Spring 2022 | MTH2300  | 2300  | Calculus I                  | MTH | Mathematics                         | 4 | Examines limits, the derivative, differentiation, applications of the derivative, antiderivatives,<br>Riemann sums, the definite integral, and the fundamental theorem of calculus.  | UG | PKG | Combinatio<br>n           |
| Spring 2022 | CHM5120L | 5120L | Quant Analysis<br>Lab       | CHM | Chemistry                           | 3 | Experimental methods of analysis. Practical applications of the lecture material presented in<br>CHM 5120.   | GR | LB  | Lab                       |
| Spring 2022 | EDS6240  | 6240  | Cur meth mat<br>ECIS & PKSN | EDS | Education -<br>Special<br>Education | 3 | Interventions, modifications and adaptations for children in early childhood special education<br>or early intervention to access curriculum.  | GR | LE  | Lecture                   |
| Spring 2022 | ART3120  | 3120  | Studies in                  | ART | Art                                 | 3 | General surveys and intensive studies of the period, major movements, and artists of the time.   | UG | LE  | Lecture                   |
| Spring 2022 | PTX7300  | 7300  | Cellular Pharm              | PTX | Pharmacology/<br>Toxicology         | 3 | Modern toxicology focuses on understanding the mechanism of action of chemicals at the   | GR | LE  | Lecture                   |

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| Spring 2022 | REL5630  | 5630  | Women & Religion in Amer  | REL | Religion                    | 3 | Examination of the role women have played in American religious history, with special reference to the diversity of women's religious experiences.                              | GR | LE | Lecture     |
| Spring 2022 | BIO4720L | 4720L | Ornithology Lab           | BIO | Biology                     | 0 | Required laboratory for BIO 4720.   | UG | LB | Lab         |
| Spring 2022 | MLB4530  | 4530  | Clinical Chem Prac        | MLB | Medical Laboratory Science  | 3 | Practical application of clinical chemistry techniques at a clinical site.  | UG | PR | Practicum   |
| Spring 2022 | KNH1420B | 1420B | Orienteering/L and Nav    | KNH | Kinesiology & Health        | 1 | Fundamental skills and knowledge of Orienteering/Land Navigation. Competency-based approach. Course may accommodate disabled students when appropriate.                         | UG | LB | Lab         |
| Spring 2022 | ENG4730  | 4730  | TESOL Theory              | ENG | English                     | 3 | Presents a theoretical foundation for the study of second language acquisition, including   | UG | LE | Lecture     |
| Spring 2022 | PSY8710  | 8710  | Psychology of             | PSY | Psychology                  | 2 | Designed to explore the theories, research, and practice of leadership in work organizations  | GR | SE | Seminar     |
| Spring 2022 | EDS2900  | 2900  | Exceptionalitie           | EDS | Education -                 | 3 | Overview of historical and current legal, philosophical and education issues surrounding the  | UG | LE | Lecture     |
| Spring 2022 | URS4390  | 4390  | Issues-Nonprofit Admin    | URS | Urban Affairs               | 3 | Issues and topics related to the administration of nonprofit organizations.   | UG | LE | Lecture     |
| Spring 2022 | EDT8900  | 8900  | Internship                | EDT | Educational Technology      | 1 | Students are assigned for a maximum of 100 hours to a library, learning center, computer facility, or video operation to gain practical experience under supervised conditions. | GR | IN | Internship  |
| Spring 2022 | PSY4600  | 4600  | Human Factors Cap         | PSY | Psychology                  | 3 | Communication-intensive seminar integrating knowledge on human factors psychology. Topics will vary. Integrated Writing course.   | UG | SE | Seminar     |
| Spring 2022 | PSI9720  | 9720  | Program                   | PSI | Professional                | 3 | The goal for the course is to make students familiar with basic concepts and practice in  | GR | LE | Lecture     |
| Spring 2022 | ART4020  | 4020  | Museum/Galle ry Intern    | ART | Art                         | 1 | Supervised individual projects in museum or gallery setting.  | UG | IN | Internship  |
| Spring 2022 | BMB3900  | 3900  | Scientific Communicatio n | BMB | Biochem & Molecular Biology | 2 | Reading, comprehending, and generating scientific literature in Biochemistry and Molecular Biology. Integrated Writing course.  | UG | LE | Lecture     |
| Spring 2022 | CEG6500  | 6500  | Computer                  | CEG | Computer                    | 3 | Raster graphics algorithms, geometric primitives and their attributes, clipping, antialiasing,  | GR | LE | Lecture     |
| Spring 2022 | EE7510L  | 7510L | Dig Wideband              | EE  | Electrical                  | 1 | New laboratory components using Matlab/Simulink, Xilinx System Generator, Xilinx ISE and  | GR | LB | Lab         |
| Spring 2022 | ART6120  | 6120  | Adv St Medieval Art       | ART | Art                         | 3 | Intensive studies of the period, major movements, and artists of the time. Titles vary.   | GR | LE | Lecture     |
| Spring 2022 | ME3750   | 3750  | Thermo of                 | ME  | Mechanical                  | 3 | Application of classical thermodynamics to engineering materials. Heats of formation and  | UG | LE | Lecture     |
| Spring 2022 | ED6070   | 6070  | Reading and               | ED  | Education                   | 3 | Extends knowledge of literacy instruction and addresses more advanced levels of literacy  | GR | LL | Lecture/Lab |
| Spring 2022 | ACC7470  | 7470  | Current Topics Acctg.     | ACC | Accountancy                 | 3 | This course is an overview of issues directly impacting the accounting profession or issues impacting business that indirectly effect the accounting profession.                | GR | SE | Seminar     |
| Spring 2022 | FR6530   | 6530  | Post                      | FR  | French                      | 3 | Romantics, symbolists, decadents, and surrealists, including Baudelaire, Rimbaud, Verlaine,   | GR | LE | Lecture     |
| Spring 2022 | TH2140   | 2140  | Theatre                   | TH  | Theatre                     | 3 | Introduction to the many arts of the theatre including the roles of the actor, playwright, director,  | UG | LE | Lecture     |
| Spring 2022 | BME3530  | 3530  | BME Signals               | BME | Biomedical                  | 3 | Analog and digital linear systems concepts applied to biomedical engineering. Topics include  | UG | LE | Lecture     |
| Spring 2022 | ENG7010  | 7010  | Meth & Mat:               | ENG | English                     | 3 | Examination of the aims and approaches of scholarly study of literature and the tools and   | GR | LE | Lecture     |
| Spring 2022 | PSY7910  | 7910  | Internship                | PSY | Psychology                  | 1 | Internship in private or governmental organizations under the direction of a faculty advisor.   | GR | IN | Internship  |
| Spring 2022 | BMB7670  | 7670  | Mol Basis                 | BMB | Biochem &                   | 3 | An intensive course on human diseases at all levels; replicational, transcriptional, translational,   | GR | SE | Seminar     |
| Spring 2022 | EDS4080  | 4080  | Dyslexia&Multi            | EDS | Education -                 | 3 | Provides insight/in-depth knowledge regarding dyslexia: history, theory, brain-based research,  | UG | LE | Lecture     |
| Spring 2022 | KNH1290  | 1290  | H2O Zumba                 | KNH | Kinesiology & Health        | 1 | Fundamental skills and knowledge of H2O Zumba. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab         |
| Spring 2022 | CHM1220L | 1220L | General Chemistry Lab II  | CHM | Chemistry                   | 2 | Examination of the principles of General Chemistry II through experimentation.  | UG | LB | Lab         |
| Spring 2022 | DEV0600  | 0600  | Found for Stat            | DEV | Developmental               | 2 | Review of basic arithmetic and algebra concepts and skills including numbers and the number   | UG | LL | Lecture/Lab |
| Spring 2022 | EDT8240  | 8240  | Digital Teach:Lit Review  | EDT | Educational Technology      | 3 | Students will explore techniques used for constructing a research-based literature review in the field of instructional technology.   | GR | LE | Lecture     |

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|-------------|----------|-------|--------------------------|-----|--------------------------------|---|---|-----------------------------------|----|------------------------|-----|
| Spring 2022 | BIO6550L | 6550L | Plant Systematics Lab    | BIO | Biology                        | 0 |   | Required laboratory for BIO 6550. | GR | LB                     | Lab |
| Spring 2022 | HST7450  | 7450  | Seminar                  | HST | History                        | 3 | Gender as a tool of historical analysis. Topics may include masculinity, femininity, sexuality,   | GR                                | SE | Seminar                |     |
| Spring 2022 | ED3650   | 3650  | Music Ed                 | ED  | Education                      | 1 | Candidates, mentored by a music educator, assist in the planning, organizing, delivering, and   | UG                                | IN | Internship             |     |
| Spring 2022 | EDS4650  | 4650  | Transitions Exceptions   | EDS | Education - Special Education  | 3 | Role of intervention specialists in shaping transition for students with exceptionalities. Focus on high school/adult transition with consideration of transitions at earlier levels. | UG                                | LE | Lecture                |     |
| Spring 2022 | ASL3020  | 3020  | Deaf History in America  | ASL | American Sign Language         | 3 | The multi-faceted history of the American Deaf community, exploring the deaf experience through time.   | UG                                | LE | Lecture                |     |
| Spring 2022 | PSY5910  | 5910  | Behavioral Neurosci I    | PSY | Psychology                     | 3 | Physiological mechanisms of behavior. Basic neuroanatomy and neurophysiology, neuronal development and function, psychopathology, reproduction, learning, sleep, and stress.          | GR                                | LE | Lecture                |     |
| Spring 2022 | MUS1560  | 1560  | Keyboard                 | MUS | Music                          | 1 | Class instruction in functional keyboard skills including technique, chord construction and   | UG                                | LE | Lecture                |     |
| Spring 2022 | ED6575   | 6575  | MA Intern Pt.II:         | ED  | Education                      | 8 | Candidates, under the direct supervision of an experienced classroom teacher, are assigned  | GR                                | IN | Internship             |     |
| Spring 2022 | GEO2300  | 2300  | Global Awareness         | GEO | Geography                      | 3 | Introduction to maps and using maps as means of developing global awareness.  | UG                                | LE | Lecture                |     |
| Spring 2022 | ED6610   | 6610  | Practicum:               | ED  | Education                      | 2 | Educators with prior teaching license(s), under the direct supervision of an experienced  | GR                                | IN | Internship             |     |
| Spring 2022 | KNH1560A | 1560A | Soccer: Indoor           | KNH | Kinesiology & Health           | 1 | Fundamental skills and knowledge of Soccer: Indoor. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG                                | LB | Lab                    |     |
| Spring 2022 | MUE6500  | 6500  | Symphonic Band           | MUE | Music: Ensembles               | 1 | Performs band music of all styles. Open to all students, each semester, with intermediate to advanced experience. Audition required.  | GR                                | LL | Lecture/Lab Combinatio |     |
| Spring 2022 | RHB3020  | 3020  | Pharmacology for Rehab   | RHB | Rehabilitation                 | 3 | Introduction to pharmacological information and the variable effects of medication on a person.   | UG                                | LE | Lecture                |     |
| Spring 2022 | ECE4650  | 4650  | Support Struggling Rdrs  | ECE | Education - Early Childhood    | 3 | Study of assessments, reading strategies, reading materials and techniques needed to assist struggling readers.   | UG                                | LE | Lecture                |     |
| Spring 2022 | CSD3220  | 3220  | Legal Issues Health Care | CSD | Community Services Development | 3 | Legal principles covering sources of law, business, enterprises, government regulations, general health law, and managed care.  | UG                                | LE | Lecture                |     |
| Spring 2022 | ME6020   | 6020  | Data Sci Mech            | ME  | Mechanical                     | 3 | Engineering data science for mechanical and materials system design exploration by using  | GR                                | LE | Lecture                |     |
| Spring 2022 | SW2710   | 2710  | Intro to Social          | SW  | Social Work                    | 3 | Study of federal and state social welfare in the United States, with an emphasis on policies  | UG                                | LE | Lecture                |     |
| Spring 2022 | ACC4770  | 4770  | Special Topics in ACC    | ACC | Accountancy                    | 1 | Topics and prerequisites vary.  | UG                                | LE | Lecture                |     |
| Spring 2022 | PPH7320  | 7320  | Public Health            | PPH | Population &                   | 3 | This course provides a general introduction to the field of public health law. The objective of   | GR                                | LE | Lecture                |     |
| Spring 2022 | EC7190   | 7190  | International            | EC  | Economics                      | 3 | This course covers trade theories, commercial policy, and theories of international investment  | GR                                | LE | Lecture                |     |
| Spring 2022 | PHL5030  | 5030  | Modern Philosophy        | PHL | Philosophy                     | 3 | History of philosophy from Descartes to Kant. Topics vary.  | GR                                | LE | Lecture                |     |
| Spring 2022 | RHB3680  | 3680  | Impact of HIV            | RHB | Rehabilitation                 | 3 | Introduction to HIV and the populations impacted. Overview of the history, stereotypes and prejudices, prevention and treatment, and specific impact on subpopulation of HIV.         | UG                                | LE | Lecture                |     |
| Spring 2022 | PTX8002  | 8002  | Principles of            | PTX | Pharmacology/                  | 1 | Principles of Biomedical Research is appropriate for students that will be involved in  | GR                                | LE | Lecture                |     |
| Spring 2022 | LAT5510  | 5510  | Readings in Roman Drama  | LAT | Latin                          | 3 | Drama in Latin by Seneca, Plautus, and/or Terrence. Discussion of dramatic techniques, Greek influence, and the role of drama in Roman society. Titles vary.                          | GR                                | LE | Lecture                |     |
| Spring 2022 | PPH7440  | 7440  | Public Health            | PPH | Population &                   | 3 | This course prepares students to manage small to medium sized health promotion and  | GR                                | LE | Lecture                |     |
| Spring 2022 | EDS7230  | 7230  | Stu Teach: Int           | EDS | Education -                    | 8 | Candidates, under the direct supervision of an experienced intervention specialist, are   | GR                                | IN | Internship             |     |
| Spring 2022 | ARA4410  | 4410  | Intro to Arabic          | ARA | Arabic                         | 3 | A text-based course introducing students to the history and development of Arabic fiction   | UG                                | LE | Lecture                |     |
| Spring 2022 | PSI9971  | 9971  | Practicum I              | PSI | Professional Psychology        | 1 | Field experience supervised by a licensed psychologist.   | GR                                | IS | Independent Study      |     |
| Spring 2022 | COM4110  | 4110  | Perform for the          | COM | Communicatio                   | 3 | Development of skills necessary for effective television and radio presentations. Study of  | UG                                | LE | Lecture                |     |
| Spring 2022 | DS6310   | 6310  | Soc & Eth                | DS  | Data Science                   | 1 | Qualitative examination of the consequences of data collection and analytics on corporations,   | GR                                | LE | Lecture                |     |
| Spring 2022 | PHY6510  | 6510  | Electricity &            | PHY | Physics                        | 3 | Fundamental laws of electricity and magnetism presented from the viewpoint of field theory.   | GR                                | LE | Lecture                |     |

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| Spring 2022 | NUR7099  | 7099  | Thesis/Project          | NUR | Nursing                        | 1 | Thesis or Scholarly Project  | GR | LE  | Lecture                 |
| Spring 2022 | AES4330  | 4330  | Prep for Active Duty II | AES | Aerospace Studies              | 3 | Overview of the complex social and political issues facing the military profession.  | UG | LE  | Lecture                 |
| Spring 2022 | BIO3450  | 3450  | Concepts Bio I          | BIO | Biology                        | 4 | Introduction to biological concepts for Elementary and Middle School Education Majors.   | UG | LL  | Lecture/Lab             |
| Spring 2022 | LAT5570  | 5570  | Readings in             | LAT | Latin                          | 3 | Horace, Juvenal, Persius, Petronius, and Martial. Topics include development of this peculiar  | GR | LE  | Lecture                 |
| Spring 2022 | PLS4610  | 4610  | Comp Social             | PLS | Political                      | 3 | Examines group behavior motivated by the desire to change or maintain political, economic,   | UG | LE  | Lecture                 |
| Spring 2022 | TH4250   | 4250  | Adv Design              | TH  | Theatre                        | 3 | Continued intensive study of theatrical costume, scenery, lighting, and/or sound design with a   | UG | ST  | Studio                  |
| Spring 2022 | BMS9970  | 9970  | Laboratory              | BMS | Biomedical                     | 1 | Independent study designed to develop proficiency in technology, instrumentation, research   | GR | LB  | Lab                     |
| Spring 2022 | BMB1000  | 1000  | Freshman                | BMB | Biochem &                      | 1 | Introduction to BMB faculty and the facilities at WSU. Development of a learning portfolio to  | UG | LE  | Lecture                 |
| Spring 2022 | HST7110  | 7110  | Seminar US since 1865   | HST | History                        | 3 | Examines United States history since the Civil War. Topics vary and may include Reconstruction, the Progressive Era, and the rise of the United States as a world power. | GR | SE  | Seminar                 |
| Spring 2022 | CEG7370  | 7370  | Distributed             | CEG | Computer                       | 3 | Semaphores: weak and strong, split-binary, distributed. Distributed Algorithms.  | GR | LL  | Lecture/Lab             |
| Spring 2022 | STT7440  | 7440  | Multivariate            | STT | Statistics                     | 3 | Matrix theory, multivariate distributions, likelihood ratio tests, MANOVA, principal component   | GR | LE  | Lecture                 |
| Spring 2022 | REL5450  | 5450  | Daoism                  | REL | Religion                       | 3 | A survey of the various expressions of Daoism in Chinese religious and intellectual history.   | GR | LE  | Lecture                 |
| Spring 2022 | NUR7098  | 7098  | Supervised Nsg Res Exp  | NUR | Nursing                        | 1 | Guided exploration of research problem(s) under direct supervision of experience researcher  | GR | LE  | Lecture                 |
| Spring 2022 | MBA7600  | 7600  | Marketing               | MBA | MBA                            | 3 | Course emphasizes key elements of marketing and their importance to organizations including  | GR | LE  | Lecture                 |
| Spring 2022 | OIS2200  | 2200  | Admin Office Management | OIS | Office Information Systems     | 3 | Office organization with an emphasis on work flow, proper equipment, problems in supervision, human relations, and management techniques.                                | UG | LL  | Lecture/Lab Combination |
| Spring 2022 | ED6840   | 6840  | Meas & Assessment in ED | ED  | Education                      | 3 | The design and integration of traditional and alternative assessment in the classroom.   | GR | LE  | Lecture                 |
| Spring 2022 | GEO3600  | 3600  | Geo-Spatial             | GEO | Geography                      | 3 | Study of geo-spatial concepts to analyze data. Utilizes freeware to map and interpret social,  | UG | LE  | Lecture                 |
| Spring 2022 | PHY7000  | 7000  | Prin. of Instr-         | PHY | Physics                        | 2 | Survey of available instructional materials and discussion of educational theory and techniques  | GR | LL  | Lecture/Lab             |
| Spring 2022 | FR6110   | 6110  | FR Instruc              | FR  | French                         | 1 | Peer teachers observe elementary and/or intermediate level classes, interacting with students,   | GR | PR  | Practicum               |
| Spring 2022 | PPH8210  | 8210  | Public Health           | PPH | Population &                   | 3 | This course provides the opportunity to apply, integrate, and synthesize knowledge and   | GR | IS  | Independent             |
| Spring 2022 | EES2510L | 2510L | Earth Systems Lab       | EES | Earth & Environmental Sciences | 0 | Required laboratory for EES 2510.  | UG | LB  | Lab                     |
| Spring 2022 | PLS2220  | 2220  | International           | PLS | Political                      | 3 | Introductory survey of the international political system including study of state and nonstate  | UG | LE  | Lecture                 |
| Spring 2022 | BMS9910  | 9910  | Special Topics          | BMS | Biomedical Sciences            | 1 | Selected topics in biomedical sciences.  | GR | PKG | Combination             |
| Spring 2022 | EDL7675  | 7675  | Tchr Ldr Capstone Exit  | EDL | Educational Leadership         | 3 | Focus on understanding current teacher leadership within the context of the school organization.   | GR | SE  | Seminar                 |
| Spring 2022 | BME4720  | 4720  | Biomedical              | BME | Biomedical                     | 3 | Quantitative biomedical optics, principles and applications of light propagation in biological   | UG | LE  | Lecture                 |
| Spring 2022 | ME6240   | 6240  | Vehicle                 | ME  | Mechanical                     | 3 | Develops students' abilities to derive and solve vehicle equations, and introduce dynamic  | GR | LE  | Lecture                 |
| Spring 2022 | PSI8020  | 8020  | Human Development       | PSI | Professional Psychology        | 3 | Psychological conceptualizations of infancy, childhood, adolescence, and adulthood including physical, cognitive, intellectual, social, and interpersonal development.   | GR | LE  | Lecture                 |
| Spring 2022 | MTH4070  | 4070  | Optimization            | MTH | Mathematics                    | 3 | Algorithms for optimizing real functions of several variables subject to equality and inequality   | UG | LE  | Lecture                 |
| Spring 2022 | BMS7210  | 7210  | Orthopaed &             | BMS | Biomedical                     | 3 | The course enables the student to use engineering techniques in orthopaedic and prosthetic   | GR | LE  | Lecture                 |
| Spring 2022 | HST7230  | 7230  | Sem Modern Eur Hst      | HST | History                        | 3 | Examines aspects of European history from the Enlightenment to the present. Topics vary.   | GR | SE  | Seminar                 |
| Spring 2022 | APS4210  | 4210  | Trend&Issue             | APS | Applied                        | 3 | Analysis and exploration of food, agricultural, and environmental issues, how organizations  | UG | SP  | Self-Paced              |
| Spring 2022 | PSC7900  | 7900  | Found of                | PSC | Prof                           | 3 | Covers current real-world issues and practices of information security. Students learn how to  | GR | LE  | Lecture                 |
| Spring 2022 | PLS4570  | 4570  | Pol. Developing Nations | PLS | Political Science              | 3 | Politics, economy, society and international relations of developing nations. Integrated Writing course.   | UG | SE  | Seminar                 |

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| Spring 2022 | MIS7900  | 7900  | IS Mgt Research Project      | MIS | Management Information Systems | 1 | The Capstone IT Project provides students the opportunity to individually explore a problem or issue within the IT field study. This course has a fee that is non-refundable once the term begins. | GR | PR | Practicum               |
| Spring 2022 | NUR4460C | 4460C | Lshp Mgmt to Prof Nrsng Clin | NUR | Nursing                        | 0 | Required clinical for NUR 4460.  | UG | CL | Clinical                |
| Spring 2022 | EES1070L | 1070L | Sustainable Earth Lab        | EES | Earth & Environmental Sciences | 0 | Required laboratory for EES 1070.  | UG | LB | Lab                     |
| Spring 2022 | ECE3700  | 3700  | Writing Methods & Mat        | ECE | Education - Early Childhood    | 4 | Study of emerging writing in early childhood and the methods and materials needed to facilitate oral and written communication.  | UG | LE | Lecture                 |
| Spring 2022 | PSI9080  | 9080  | Practice Tutorial            | PSI | Professional Psychology        | 1 | Exposure to a variety of clinical case materials using a vertical team format.   | GR | LE | Lecture                 |
| Spring 2022 | ED1040   | 1040  | Foundations in               | ED  | Education                      | 2 | Introduces first semester students to skills needed for successful transition to college,  | UG | LE | Lecture                 |
| Spring 2022 | PLS6930  | 6930  | Contemporary Problems        | PLS | Political Science              | 3 | Advanced study in a selected topic that frequently includes new developments in the methodology or subject matter of the various subfields of the discipline.                                      | GR | LE | Lecture                 |
| Spring 2022 | ENG4470  | 4470  | Post-Colonial                | ENG | English                        | 3 | Intensive study of post-colonial literature from diverse regions of the global South. Intended to  | UG | LE | Lecture                 |
| Spring 2022 | SCM4600  | 4600  | Supply                       | SCM | Supply Chain                   | 3 | This course covers the nature of sourcing in modern organizations, how sourcing executes   | UG | LE | Lecture                 |
| Spring 2022 | DAN3010  | 3010  | Ballet III                   | DAN | Dance                          | 3 | Vocabulary, techniques, and theory of advanced ballet. Emphasis on body alignment and flexibility.   | UG | ST | Studio                  |
| Spring 2022 | EDL9330  | 9330  | Instructional Leadership     | EDL | Educational Leadership         | 3 | Provides opportunities to explore the topic of instruction in depth and to apply knowledge and strategies to the process of instructional improvement.   | GR | LE | Lecture                 |
| Spring 2022 | TH4160   | 4160  | Singing for Actor VIII       | TH  | Theatre                        | 1 | Private singing lessons for acting, theatre studies and dance majors only.   | UG | ST | Studio                  |
| Spring 2022 | PHY7040  | 7040  | Philosophy of                | PHY | Physics                        | 3 | The various overarching ideas in physics that give unity to the subject. Historical bases of   | GR | SE | Seminar                 |
| Spring 2022 | SOC4830  | 4830  | Sex Drugs &                  | SOC | Sociology                      | 3 | Examines sexual behavior, substance abuse, stress, stressful life events and stigma  | UG | LE | Lecture                 |
| Spring 2022 | EDL9150  | 9150  | Adv Data Driven Decision     | EDL | Educational Leadership         | 3 | Advanced studies exploring the use of appropriate, meaningful data for making instructional, curricular, and assessment decisions as a normative professional standard.                            | GR | LL | Lecture/Lab Combination |
| Spring 2022 | EE2020L  | 2020L | Intro to                     | EE  | Electrical                     | 1 | Laboratory that assists with the students abilities to perform level design of integrated systems,   | UG | LB | Lab                     |
| Spring 2022 | EE7170   | 7170  | Tgt Tracking                 | EE  | Electrical                     | 3 | Multitarget tracking and data association. Linear and nonlinear state estimation. Maneuvering  | GR | LE | Lecture                 |
| Spring 2022 | GER4170  | 4170  | German                       | GER | German                         | 3 | Study of the romantic movement with representative works of Schlegel, Novalis, Wackenroder,  | UG | LE | Lecture                 |
| Spring 2022 | URS6430  | 6430  | Administrative Law           | URS | Urban Affairs                  | 3 | Examines the constitutional foundations of administrative law and the legal context of federal, state and local administrative rule making and adjudication.                                       | GR | LE | Lecture                 |
| Spring 2022 | PSY4920  | 4920  | Clinical Neuro Cap           | PSY | Psychology                     | 3 | Communication-intensive seminar integrating knowledge on clinical neuroscience. Integrated Writing course.   | UG | SE | Seminar                 |
| Spring 2022 | CLS3700  | 3700  | Ancient Pol/Law/War          | CLS | Classics                       | 3 | Politics, law and legal systems, and warfare in Greece and Rome. Integrated Writing course.  | UG | LE | Lecture                 |
| Spring 2022 | SPN5320  | 5320  | Survey of Span-Amer Lit      | SPN | Spanish                        | 3 | Reading of prose, poetry, and plays by Spanish-American writers. From pre-Columbian times to the present.  | GR | LE | Lecture                 |
| Spring 2022 | ISG7280  | 7280  | Com & Con                    | ISG | Intervention                   | 3 | Skills and information needed in the role of the Gifted Intervention Specialist as collaborator  | GR | LE | Lecture                 |
| Spring 2022 | M&I8000  | 8000  | Microbiology Seminar         | M&I | Microbiology & Immunology      | 1 | Graded pass/unsatisfactory.  | GR | SE | Seminar                 |
| Spring 2022 | KNH1770  | 1770  | Water Safety Instruction     | KNH | Kinesiology & Health           | 1 | National American Red Cross standards training for teaching American Red Cross Swimming and Diving and Water Safety courses.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | TH3470   | 3470  | One Person Shows             | TH  | Theatre                        | 2 | Elements necessary in the development of a one person show resulting in a solo performance.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | HST6300  | 6300  | African History              | HST | History                        | 3 | Examines particular periods, regions, or countries in African history.   | GR | LE | Lecture                 |
| Spring 2022 | ISE4410  | 4410  | Tech Based                   | ISE | Industrial &                   | 3 | Train students on methods to develop breakthrough products with an entrepreneurial   | UG | LE | Lecture                 |
| Spring 2022 | BME6610  | 6610  | Clinical Engr                | BME | Biomedical                     | 3 | Students will be exposed to the culture of a developing country; learn how to live and interact  | GR | LL | Lecture/Lab             |



|             |          |       |                             |     |                        |     |  |    |    |                         |
|-------------|----------|-------|-----------------------------|-----|------------------------|-----|--|----|----|-------------------------|
| Spring 2022 | ENG6690  | 6690  | Tech Writ & Skills Intl     | ENG | English                | 3   | Written and spoken communication in science and engineering with an emphasis on the various forms of technical documents and oral presentations. For non-native speakers of English only.      | GR | LE | Lecture                 |
| Spring 2022 | KNH1440B | 1440B | Phys Ed for Disabled        | KNH | Kinesiology & Health   | 1   | Fundamental skills and knowledge of Physical Education for Disabled. Competency-based approach. Course may accommodate disabled students when appropriate.                                     | UG | LB | Lab                     |
| Spring 2022 | ME6340   | 6340  | Simulation of               | ME  | Mechanical             | 3   | In this course students will learn to use commercial computational fluid dynamics software to  | GR | LE | Lecture                 |
| Spring 2022 | PSY8120  | 8120  | Cortical Vis.               | PSY | Psychology             | 3   | In-depth consideration of visual processes that originate in the cerebral cortex. Topics include   | GR | SE | Seminar                 |
| Spring 2022 | NUR3200  | 3200  | Health                      | NUR | Nursing                | 3   | Foundation course in culture and family nursing. Emphasizes concepts, models, theories and   | UG | LE | Lecture                 |
| Spring 2022 | BME7370  | 7370  | Medical                     | BME | Biomedical             | 3   | For students who are interested in acquiring a broad-based knowledge in the human factors of   | GR | LE | Lecture                 |
| Spring 2022 | EES4540  | 4540  | Subsurface                  | EES | Earth &                | 3   | Physical processes underlying the movement of fluids through the porous subsurface.  | UG | LE | Lecture                 |
| Spring 2022 | ME4185   | 4185  | Design                      | ME  | Mechanical             | 1.5 | Covers the principles of design for additive manufacturing (DFAM). Specific design rules for   | UG | LE | Lecture                 |
| Spring 2022 | MKT4150  | 4150  | Viral Mkt &                 | MKT | Marketing              | 3   | Focuses on theory, application and practice associated with viral marketing activities. Goals  | UG | LE | Lecture                 |
| Spring 2022 | ME4930   | 4930  | Research in                 | ME  | Mechanical             | 1   | Second of a two-course sequence affording students an experience in the methodology of   | UG | IS | Independen              |
| Spring 2022 | SLI4200  | 4200  | Educational                 | SLI | Sign                   | 3   | Theoretical foundations related to best practices and educational interpreter performance.   | UG | LE | Lecture                 |
| Spring 2022 | CHM5200  | 5200  | Adv Inorganic Chem I        | CHM | Chemistry              | 3   | Principles and concepts of inorganic chemistry, including the periodic table, atomic structure, bonding, coordination compounds, and an introduction to group theory.                          | GR | LE | Lecture                 |
| Spring 2022 | MUE2770  | 2770  | Chamber Orchestra           | MUE | Music: Ensembles       | 1   | Instrumental ensemble, consisting primarily of strings and varying combinations of wind and percussion instruments, devoted to the study and performance of music written for that medium.     | UG | LL | Lecture/Lab Combination |
| Spring 2022 | PLS4871  | 4871  | Fundamentals of Intel       | PLS | Political Science      | 3   | Immerses students in the fundamental tradecraft standards of intelligence analysis used by the United States Intelligence Community. Integrated Writing course.                                | UG | LE | Lecture                 |
| Spring 2022 | PPH7990  | 7990  | Pub Hlth                    | PPH | Population &           | 3   | The Capstone is an integrative learning experience required to complete a MPH degree. The  | GR | IS | Independen              |
| Spring 2022 | EC2040   | 2040  | Principle Microeconomic s   | EC  | Economics              | 3   | Fundamental principles of microeconomics as an aid in understanding modern society.  | UG | LE | Lecture                 |
| Spring 2022 | EC3150   | 3150  | Intermed                    | EC  | Economics              | 3   | Develop the analytical tools of microeconomics, stressing market behavior of firms, industries,  | UG | LE | Lecture                 |
| Spring 2022 | PSY6420  | 6420  | Organizational Psy Cap      | PSY | Psychology             | 3   | Communication-intensive seminar integrating knowledge on Organizational Psychology.  | GR | SE | Seminar                 |
| Spring 2022 | ME4730   | 4730  | Engineering                 | ME  | Mechanical             | 3   | Ceramic and refractory raw materials and products; atomic structure and bonding; structure of  | UG | LE | Lecture                 |
| Spring 2022 | IT4425   | 4425  | Senior Seminar              | IT  | Information Technology | 2   | Small interactive seminar on academic experiences for life in the graphic design field.  | UG | SE | Seminar                 |
| Spring 2022 | CHI3700  | 3700  | Internship in               | CHI | Chinese                | 1   | Supervised use of Chinese in workplace settings. Must complete an application available from   | UG | IN | Internship              |
| Spring 2022 | ED6060   | 6060  | Reading and                 | ED  | Education              | 3   | Introduction to the content knowledge of the structure of literacy and reading/writing   | GR | LL | Lecture/Lab             |
| Spring 2022 | MGT7030  | 7030  | Sem Human                   | MGT | Management             | 3   | Analysis of the principal functions, processes, and problems involved in the management of   | GR | SE | Seminar                 |
| Spring 2022 | EDS6610  | 6610  | Inter Spec                  | EDS | Education -            | 3   | Practices and procedures used in developing elementary and secondary curricula for students  | GR | LE | Lecture                 |
| Spring 2022 | SOC5320  | 5320  | Sociology of Work           | SOC | Sociology              | 3   | Investigation, analysis, and discussion of contemporary theories focusing on the relationship of the individual to work.   | GR | LE | Lecture                 |
| Spring 2022 | ENG4750  | 4750  | TESOL                       | ENG | English                | 3   | Develops linguistic analysis skills to help students recognize, analyze, and remediate written   | UG | LE | Lecture                 |
| Spring 2022 | CS6280   | 6280  | Combinatorics               | CS  | Computer               | 4   | Topics include: permutations, combinatorics, generating functions, recurrence relations, and   | GR | LE | Lecture                 |
| Spring 2022 | ED6160   | 6160  | Practicum:                  | ED  | Education              | 1   | Anatomy students, mentored/supervised by an Anatomy educator, shall assist in the planning,  | GR | IN | Internship              |
| Spring 2022 | ENG5000  | 5000  | Business Writing            | ENG | English                | 3   | Written business and organizational communication; rhetorical demands of writing in professional settings; attention to various forms including short reports and informal oral presentations. | GR | LE | Lecture                 |
| Spring 2022 | LEP0140  | 0140  | Integrated Skills - Level 1 | LEP | LEAP                   | 0   | Reading, vocabulary, listening, cross-cultural discussions for beginning ESL students. This course has a fee that is non-refundable once the term begins.                                      | UG | LE | Lecture                 |
| Spring 2022 | GR2010   | 2010  | Intermediate Greek I        | GR  | Greek                  | 3   | Review of essentials and reading for comprehension in selected authors.  | UG | LE | Lecture                 |
| Spring 2022 | MTH3140  | 3140  | Mathematical Software       | MTH | Mathematics            | 3   | Solving scientific problems using computational software packages MATLAB and Mathematica, including procedural and functional programming.   | UG | LE | Lecture                 |

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|-------------|----------|-------|--------------------------------|-----|-----------------------------|---|---|----|----|-------------------|
| Spring 2022 | ENG3210  | 3210  | British Texts:<br>to 1660      | ENG | English                     | 3 | Representative works of major English writers of the medieval period and the 16th and 17th centuries.   | UG | LE | Lecture           |
| Spring 2022 | CS5810   | 5810  | Intro to                       | CS  | Computer                    | 3 | Tools-oriented approach to bioinformatics emphasizing DNA data structure, string  | GR | LE | Lecture           |
| Spring 2022 | ED6090   | 6090  | Assessment/In                  | ED  | Education                   | 3 | Candidates will learn to use a range of literacy assessment instruments to assess student   | GR | LL | Lecture/Lab       |
| Spring 2022 | PSY2001  | 2001  | PSY Elective<br>Topics         | PSY | Psychology                  | 1 | A variable elective topic in psychology. Topics vary.   | UG | LE | Lecture           |
| Spring 2022 | URS6320  | 6320  | Managing                       | URS | Urban Affairs               | 3 | Prepares students to design, plan and evaluate volunteer programs. Topics address   | GR | LE | Lecture           |
| Spring 2022 | EE4480   | 4480  | Remote                         | EE  | Electrical                  | 4 | Learn to analyze and design electro-optic (EO), infrared (IR), and microwave (radar) detection  | UG | LL | Lecture/Lab       |
| Spring 2022 | PSY2002  | 2002  | PSY Elective<br>Topics         | PSY | Psychology                  | 1 | A variable elective topic in psychology. Topics vary.   | UG | LE | Lecture           |
| Spring 2022 | SAA6680  | 6680  | Career Dev                     | SAA | Student Affairs             | 3 | Focus of the course will be on understanding group facilitation dynamics, working with and  | GR | LE | Lecture           |
| Spring 2022 | EES4450  | 4450  | Petroleum                      | EES | Earth &                     | 3 | History and legal aspects of the petroleum business including lease acquisition, assignment of  | UG | LE | Lecture           |
| Spring 2022 | SAA7640  | 7640  | Prog                           | SAA | Student Affairs             | 3 | Studies theories, models, and techniques for evaluation of SAHE programs, and student   | GR | LE | Lecture           |
| Spring 2022 | MUS3650  | 3650  | Mthds & Mtrls                  | MUS | Music                       | 3 | Materials and methods for teaching general music in grades K-6. Laboratory session required   | UG | LL | Lecture/Lab       |
| Spring 2022 | NUR7211  | 7211  | Concpts in<br>Cardiovas Nsg    | NUR | Nursing                     | 3 | Examination of physiological concepts, human responses, nursing assessments, and interventions related to actual and potential health problems in adults with cardiovascular alterations. | GR | LE | Lecture           |
| Spring 2022 | MTH2530  | 2530  | Elementary                     | MTH | Mathematics                 | 3 | Matrices and their operations, linear systems of equations, Gaussian elimination,   | UG | LE | Lecture           |
| Spring 2022 | NUR7001  | 7001  | Role Dev &<br>Ldrshp           | NUR | Nursing                     | 3 | This course focuses on understanding and synthesizing concepts and theories that will facilitate professional role development and leadership in advanced nursing roles.                  | GR | LE | Lecture           |
| Spring 2022 | ART4040  | 4040  | Studies in Art<br>History      | ART | Art                         | 3 | Problems and approaches to art and art history. Includes cross-period and interdisciplinary studies.  | UG | LE | Lecture           |
| Spring 2022 | PSI8310  | 8310  | Psychopatholo                  | PSI | Professional                | 4 | This course discusses the psychological disorders of the DSM-IV TR pertinent to children and  | GR | LE | Lecture           |
| Spring 2022 | ED6940   | 6940  | Cont Sem:                      | ED  | Education                   | 3 | Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical  | GR | SE | Seminar           |
| Spring 2022 | ATH2100L | 2100L | Lab in<br>Biological<br>Anthro | ATH | Anthropology                | 0 | Laboratory exercises to accompany ATH 2100, Introduction to Biological Anthropology.  | UG | LB | Lab               |
| Spring 2022 | FAS3310  | 3310  | Animal                         | FAS | Food and                    | 3 | Fundamentals of livestock production, including feeding and nutrition, reproductive physiology,   | UG | LE | Lecture           |
| Spring 2022 | ED1030   | 1030  | Dev Peer<br>Mentr w            | ED  | Education                   | 2 | Assist students with disabilities in becoming a peer mentor for incoming first-year students with disabilities.   | UG | LE | Lecture           |
| Spring 2022 | MTH4710  | 4710  | Geometry                       | MTH | Mathematics                 | 3 | Introduction to hyperbolic and other geometries.  | UG | LE | Lecture           |
| Spring 2022 | SOC3400  | 3400  | Sociological<br>Analysis       | SOC | Sociology                   | 3 | Focus on quantitative methods to analyze and interpret data in the social sciences. Prior completion of Math 1450 (or WSU Core Element 2 equivalent) is strongly recommended.             | UG | LE | Lecture           |
| Spring 2022 | SOC4080  | 4080  | Independent<br>Study           | SOC | Sociology                   | 1 | Research project in an area of specialized interest in sociology. Minimum 3.0 grade point average.  | UG | IS | Independent Study |
| Spring 2022 | ME6680   | 6680  | Experimental                   | ME  | Mechanical                  | 3 | This course will provide a series of laboratory experiments similar to the state-of-the-art R&D   | GR | LB | Lab               |
| Spring 2022 | BIO2200  | 2200  | Microbiology-                  | BIO | Biology                     | 4 | Biology of viruses, bacteria, fungi, protozoans, and helminths as related to their natural  | UG | LE | Lecture           |
| Spring 2022 | ENG4430  | 4430  | Studies in                     | ENG | English                     | 3 | Intensive study of literature from the perspectives of gender theory. Intended to develop an  | UG | LE | Lecture           |
| Spring 2022 | ART3110  | 3110  | Ancient/Classi                 | ART | Art                         | 3 | General surveys and intensive studies of the period, major movements, and artists of the time.  | UG | LE | Lecture           |
| Spring 2022 | BMB4001  | 4001  | Fundamentals                   | BMB | Biochem &                   | 3 | The primary focus of this course is the basic principles of biochemistry covered in a one   | UG | LE | Lecture           |
| Spring 2022 | PPH7710  | 7710  | Global Health                  | PPH | Population &                | 3 | This course offers an introduction to the institutional, economic, epidemiological,   | GR | LE | Lecture           |
| Spring 2022 | LAT3550  | 3550  | Readings in                    | LAT | Latin                       | 3 | Roman lyric and elegiac poetry: Virgil's Eclogues; Catullus, Horace, Propertius, Tibullus, and  | UG | LE | Lecture           |
| Spring 2022 | CEG4230  | 4230  | Intro Robotics                 | CEG | Computer                    | 3 | (Also listed as CEG 6560 and ME 6560.) An introduction to the mathematics of robots. Topics   | UG | LE | Lecture           |
| Spring 2022 | ARA3700  | 3700  | Internship in                  | ARA | Arabic                      | 1 | Supervised use of Arabic in workplace settings. Must complete an application available from   | UG | IN | Internship        |
| Spring 2022 | CLS5400  | 5400  | Art &<br>Archaeology           | CLS | Classics                    | 3 | Greece in the Bronze Age; classical Greece and Rome; and selected areas of Greek and Roman art and archaeology.   | GR | LE | Lecture           |
| Spring 2022 | EED3300  | 3300  | Intro to Child<br>Dev          | EED | Elementary<br>Education P-5 | 3 | The physical, cognitive, language, social, and emotional development (typical and atypical) of children prenatal through age eight.   | UG | LE | Lecture           |
| Spring 2022 | CS7140   | 7140  | Adv Software                   | CS  | Computer                    | 3 | This course covers advanced topics in software engineering. Aspects of problem  | GR | LE | Lecture           |

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|-------------|----------|-------|------------------------------|-----|------------------------|---|---|----|----|-------------|
| Spring 2022 | UH4000   | 4000  | Univ Honors Seminar          | UH  | University Honors      | 3 | Emphasis on broadly interdisciplinary topics or issues. Integrated Writing course.  | UG | SE | Seminar     |
| Spring 2022 | EDL9630  | 9630  | Adv Curr Anlys & Account     | EDL | Educational Leadership | 3 | Exploring curriculum development from a district-level perspective.   | GR | SE | Seminar     |
| Spring 2022 | MTH6520  | 6520  | Modern                       | MTH | Mathematics            | 3 | Examples and elementary properties of abstract algebraic structures: these include groups,  | GR | LE | Lecture     |
| Spring 2022 | EES6570  | 6570  | Site Remed &                 | EES | Earth &                | 3 | This course addresses the physical, chemical, and biological methods used to remediate  | GR | LE | Lecture     |
| Spring 2022 | BIO4080  | 4080  | Writing in the               | BIO | Biology                | 3 | Surveys grammatical and stylistic aspects of scientific writing and teaches students how to   | UG | LE | Lecture     |
| Spring 2022 | EGR3940  | 3940  | Internship II                | EGR | Engineering            | 1 | Second internship course. Students are supervised via weekly seminars and regular feedback from employers.  | UG | IN | Internship  |
| Spring 2022 | ME4360   | 4360  | Prn-Internal                 | ME  | Mechanical             | 3 | Thermodynamics of internal combustion engines, combustion thermodynamics, friction, heat  | UG | LE | Lecture     |
| Spring 2022 | ED2100   | 2100  | Education in a               | ED  | Education              | 3 | Explores role of education in a democracy and concepts of social justice, diversity and   | UG | LE | Lecture     |
| Spring 2022 | COM4570  | 4570  | Intercultural Comm           | COM | Communication          | 3 | Emphasis on research and theory to better understand the complexity of intercultural communication interactions.  | UG | LE | Lecture     |
| Spring 2022 | EC7170   | 7170  | Applied                      | EC  | Economics              | 3 | Emphasis is on modern views on fiscal and monetary policy in an open economy.   | GR | LE | Lecture     |
| Spring 2022 | EE5000   | 5000  | Solid State EE               | EE  | Electrical             | 3 | Focuses on the essential physical parameters of solids that make devices so important:  | GR | LE | Lecture     |
| Spring 2022 | PSY3630L | 3630L | Condition & Learning Mth Lab | PSY | Psychology             | 0 | Required laboratory for PSY 3630.   | UG | LB | Lab         |
| Spring 2022 | KNH1980B | 1980B | Zumba                        | KNH | Kinesiology & Health   | 1 | Fundamental skills and knowledge of Zumba. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab         |
| Spring 2022 | EES6740  | 6740  | Fund Occup                   | EES | Earth &                | 3 | Introduction to accident recognition, evaluation, and control in the work environment by hands-   | GR | LL | Lecture/Lab |
| Spring 2022 | CHM4020L | 4020L | Environmental Chemistry Lab  | CHM | Chemistry              | 0 | Required laboratory for CHM 4020.   | UG | LB | Lab         |
| Spring 2022 | KNH1700B | 1700B | Tai Chi                      | KNH | Kinesiology & Health   | 1 | Fundamental skills and knowledge of Tai Chi. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab         |
| Spring 2022 | STT4310  | 4310  | Stat Meth Clinical Trial     | STT | Statistics             | 3 | Basic clinical design methodology, types of clinical trials, analysis of trial data, and statistical issues that commonly arise in clinical trials.                             | UG | LE | Lecture     |
| Spring 2022 | BMS7110  | 7110  | Biomedical                   | BMS | Biomedical             | 3 | Study of techniques for the analysis of signals and systems, with a particular emphasis on the  | GR | LE | Lecture     |
| Spring 2022 | CHI5500  | 5500  | CHI                          | CHI | Chinese                | 3 | Professor-led study abroad program in China; may include service-learning component; taught   | GR | LE | Lecture     |
| Spring 2022 | ED6120   | 6120  | Early Lit                    | ED  | Education              | 3 | Teachers deepen their understanding of Clay's literacy processing theory and contingent   | GR | LE | Lecture     |
| Spring 2022 | BMS7421  | 7421  | Rehab Eng                    | BMS | Biomedical             | 3 | Introduces the complex structure of the rehabilitation engineering service delivery systems   | GR | LE | Lecture     |
| Spring 2022 | DOS9020  | 9020  | Org                          | DOS | Doctor Org             | 3 | Doctoral-level course study focusing on factors that influence leadership skills and motivation   | GR | LE | Lecture     |
| Spring 2022 | SW6950   | 6950  | SW Foundation Topics         | SW  | Social Work            | 0 | Topics include content in human behavior in the social environment, social welfare policies and programs, social work practice, and social work research.                       | GR | LE | Lecture     |
| Spring 2022 | CHM3510  | 3510  | Physical Chemistry I         | CHM | Chemistry              | 3 | Thermodynamics applied to chemical systems: solids, liquids, gases, and mixtures thereof. Kinetic rates and mechanisms of chemical reactions in the gas phase and in solutions. | UG | LE | Lecture     |
| Spring 2022 | ART5670  | 5670  | Printmaking:                 | ART | Art                    | 3 | Development of personalized concepts and individual aesthetic expression in printmaking with  | GR | LB | Lab         |
| Spring 2022 | ML3980   | 3980  | Studies in                   | ML  | Modern                 | 1 | Individual research project approved and supervised by a full-time faculty member.  | UG | LE | Lecture     |
| Spring 2022 | ATR3850  | 3850  | Upper body Assessment        | ATR | Athletic Training      | 2 | Clinical/practicum course emphasizing upper body injury assessment skills.  | UG | CL | Clinical    |
| Spring 2022 | LE1000   | 1000  | Intro to Law Enforcement     | LE  | Law Enforcement        | 3 | Functions of law enforcement, community policing, patrol, traffic enforcement and criminal law.   | UG | LE | Lecture     |
| Spring 2022 | EDS4590  | 4590  | Assess                       | EDS | Education -            | 3 | Administration and interpretation of formal and informal educational assessment instruments   | UG | LE | Lecture     |
| Spring 2022 | PSY5130  | 5130  | Methods in                   | PSY | Psychology             | 4 | This course provides students with a critical knowledge of qualitative research methods in  | GR | LE | Lecture     |
| Spring 2022 | HST6700  | 6700  | 20th-Century US History      | HST | History                | 3 | Examines particular stages of the 20th-Century American experience (e.g., the Progressive Era) or selected topics (e.g., the Civil Rights Movement). Topics vary.               | GR | LE | Lecture     |
| Spring 2022 | BIO6090  | 6090  | Intro to R w/App in Bio      | BIO | Biology                | 3 | The goal of this class is to learn programming biostatistics in the statistical software package R.   | GR | LE | Lecture     |

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|-------------|----------|-------|-------------------------------|-----|---------------------------------|---|---|----|----|-------------------------|
| Spring 2022 | KNH2550  | 2550  | Applied Ex Physiology         | KNH | Kinesiology & Health            | 3 | Practical applications in exercise physiology for the physical educator, coach, and athletic trainer. Methods of conditioning, training, implementation, and other special considerations included. | UG | LL | Lecture/Lab Combination |
| Spring 2022 | BIO6700L | 6700L | General Entomology Lab        | BIO | Biology                         | 0 | Required lab for BIO 6700.  | GR | LB | Lab                     |
| Spring 2022 | TH3990   | 3990  | Selected Subjects             | TH  | Theatre                         | 1 | Variable content dealing with problems, approaches, and topics in the field of theatre.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | SAA7530  | 7530  | Stress                        | SAA | Student Affairs                 | 3 | Learn resilience skill development strategies and stress management techniques that are   | GR | LE | Lecture                 |
| Spring 2022 | CNL7290  | 7290  | Multicultural                 | CNL | Counseling                      | 3 | Studies social change, cultures, issues related to immigration, gender, sexual orientation,   | GR | LE | Lecture                 |
| Spring 2022 | MTH6060  | 6060  | Mathematical                  | MTH | Mathematics                     | 3 | An introduction to mathematics as it is used in the real world. Graphical methods, curve-fitting,   | GR | LE | Lecture                 |
| Spring 2022 | IDL7210  | 7210  | Applied Learning Theory       | IDL | Instructional Design & Learning | 3 | Introduction to multimedia learning theory and how theory can be integrated into instructional design.  | GR | LE | Lecture                 |
| Spring 2022 | EGR7020  | 7020  | Systems Engrg                 | EGR | Engineering                     | 3 | Exposes students to the design of systems and tools for the analysis of complex technological   | GR | LE | Lecture                 |
| Spring 2022 | FAS2610  | 2610  | Livestock                     | FAS | Food and                        | 3 | Evaluation of livestock management systems based on animal welfare, environment   | UG | LL | Lecture/Lab             |
| Spring 2022 | PHY5990  | 5990  | Spec Problem in Physics       | PHY | Physics                         | 1 | Special topics, problems or research designed for specific needs, talents, or interest of the student.  | GR | IS | Independent Study       |
| Spring 2022 | ATR4840  | 4840  | Adv Rehab Techniques          | ATR | Athletic Training               | 3 | Development of rehabilitation protocols for the physically active when injured/ill using advanced rehabilitation techniques.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | IHE7980  | 7980  | Special Topics in IHE II      | IHE | Industrial & Hum Fac Engr       | 1 | Graduate special topics in advanced industrial and human factors engineering. Topics vary.  | GR | LE | Lecture                 |
| Spring 2022 | KNH1780A | 1780A | Weight Training               | KNH | Kinesiology & Health            | 1 | Fundamental skills and knowledge of Weight Training. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                     |
| Spring 2022 | BMS7060  | 7060  | Modern                        | BMS | Biomedical                      | 3 | State variable representations of continuous and discrete systems. Linear vector spaces and   | GR | LE | Lecture                 |
| Spring 2022 | URS4290  | 4290  | Issues in City&Community Mgmt | URS | Urban Affairs                   | 3 | Issues and topics related to community development agencies and local governments.  | UG | LE | Lecture                 |
| Spring 2022 | REL6810  | 6810  | Independent Study             | REL | Religion                        | 1 | Faculty-directed, individualized study on student-selected topics. Limited to advanced students. Permission of faculty and a minimum 3.5 GPA required.  | GR | IS | Independent Study       |
| Spring 2022 | SW7630   | 7630  | SW Field Ed III               | SW  | Social Work                     | 2 | Completion of 300 hours of field education experience in the community. Provides the  | GR | IN | Internship              |
| Spring 2022 | CEG3410  | 3410  | Intro Digital                 | CEG | Computer                        | 3 | Students build a body of knowledge in digital forensics in both computers and networks by   | UG | LE | Lecture                 |
| Spring 2022 | ML3500   | 3500  | Ambassador                    | ML  | Modern                          | 3 | Short term study abroad course led by a Wright State professor. Pre-departure orientation   | UG | LE | Lecture                 |
| Spring 2022 | PPH7010  | 7010  | Biostat Health Professionals  | PPH | Population & Public Health      | 3 | Introduction to the basic principles and applications of statistical methods as they are applied to data arising in the health professions.   | GR | LE | Lecture                 |
| Spring 2022 | CEG4990  | 4990  | Undergraduate                 | CEG | Computer                        | 3 | Completion of a computer engineering research project. Writing and defending a thesis that  | UG | IS | Independent             |
| Spring 2022 | GER5320  | 5320  | Survey of                     | GER | German                          | 3 | Historical survey of German literature. Classicism, Romanticism, Poetic Realism and Modern  | GR | LE | Lecture                 |
| Spring 2022 | CEG6322L | 6322L | VLSI Design Lab               | CEG | Computer Engineering            | 1 | Work station based experience designing asic devices for evaluation and testing.  | GR | LB | Lab                     |
| Spring 2022 | MGT7710  | 7710  | Fundamentals                  | MGT | Management                      | 3 | An introduction to the management of projects, to include project selection, planning,  | GR | LE | Lecture                 |
| Spring 2022 | TH1050   | 1050  | Ballet Mus Theatre II         | TH  | Theatre                         | 2 | Group classes continuing to introduce musical theatre majors to fundamentals of ballet technique.   | UG | ST | Studio                  |
| Spring 2022 | ABS7600  | 7600  | Graduate Seminar in ABS       | ABS | Applied Behavioral Science      | 1 | In-depth coverage of special topics in applied behavioral science. Topics vary. 1-2 credit hours.   | GR | SE | Seminar                 |
| Spring 2022 | FAS3320  | 3320  | Agronomic                     | FAS | Food and                        | 3 | Fundamentals of agronomic crop production, including crop biology and management, soils   | UG | LE | Lecture                 |
| Spring 2022 | PSY6620  | 6620  | Ergonomics Capstone           | PSY | Psychology                      | 3 | Communication-intensive seminar integrating knowledge on ergonomics.  | GR | SE | Seminar                 |
| Spring 2022 | CEG6870  | 6870  | Intro Intel Cont              | CEG | Computer                        | 3 | Foundations of fuzzy set theory, system modeling using fuzzy rules, structure of fuzzy  | GR | LE | Lecture                 |
| Spring 2022 | PSY2110  | 2110  | Human Sexuality               | PSY | Psychology                      | 3 | Survey of the diversity of human sexual behavior including the psychological, physiological, social, and emotional basis of sexual behavior.  | UG | LE | Lecture                 |

|             |          |       |                          |     |                             |     |   |    |    |                        |
|-------------|----------|-------|--------------------------|-----|-----------------------------|-----|---|----|----|------------------------|
| Spring 2022 | MI7270   | 7270  | Pathogenic               | MI  | Microbiology &              | 4   | (Also listed as BMS 8030) Microorganisms pathogenic for humans and animals using the  | GR | LR | Lecture/Rec            |
| Spring 2022 | ATR3620  | 3620  | Assess Ath Injuries II   | ATR | Athletic Training           | 2   | Assessment and skills for upper body athletic injuries/conditions of the physically active.   | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | EE4700L  | 4700L | Introduction to          | EE  | Electrical                  | 1   | Experimental design, realization and testing of MEMS devices with emphasis on sensing   | UG | LB | Lab                    |
| Spring 2022 | TH2000   | 2000  | Acting/Tech              | TH  | Theatre                     | 1   | Designed to give actors and technician/designers an opportunity to receive academic credit for  | UG | PR | Practicum              |
| Spring 2022 | FAS2100  | 2100  | Farm Business            | FAS | Food and                    | 3   | Fundamentals of farm business management. Principles of management, cost analysis,  | UG | LL | Lecture/Lab            |
| Spring 2022 | EES4010  | 4010  | Topics Earth &           | EES | Earth &                     | 0.5 | Advanced topics of current interest in the earth and environmental sciences. Topics vary but  | UG | LE | Lecture                |
| Spring 2022 | FIN4130  | 4130  | Financial Derivatives    | FIN | Finance                     | 3   | Provide students with an understanding of futures, options, and swaps.  | UG | LE | Lecture                |
| Spring 2022 | CS2210   | 2210  | Logic for Comp Scientist | CS  | Computer Science            | 3   | Fundamental material in foundations of logic most relevant to Computer Science. Propositional logic, predicate logic, modeling of knowledge, and algorithms for logical reasoning.              | UG | LE | Lecture                |
| Spring 2022 | ED7060   | 7060  | Theory Found in Literacy | ED  | Education                   | 3   | Development of an understanding regarding the historical, linguistical, sociological and psychological/cognitive theories related to effective literacy instruction and education.              | GR | LE | Lecture                |
| Spring 2022 | ENG4020  | 4020  | Topics: Advanced Writing | ENG | English                     | 3   | Advanced study of specialized topics and problems in writing.   | UG | LE | Lecture                |
| Spring 2022 | EE7160   | 7160  | Multisensor              | EE  | Electrical                  | 3   | Sensor characteristics, sensor information processing, management, modeling, and  | GR | LE | Lecture                |
| Spring 2022 | ISE4712L | 4712L | Sim & Stoch Models Lab   | ISE | Industrial & Systems Engr   | 0   | Required laboratory for ISE 4712.   | UG | LB | Lab                    |
| Spring 2022 | SOC4400  | 4400  | Qualitative              | SOC | Sociology                   | 3   | Qualitative research methods, including interviews, focus groups, case studies, and   | UG | LE | Lecture                |
| Spring 2022 | PSY9045  | 9045  | Bayesian                 | PSY | Psychology                  | 3   | This course is an introduction to applying Bayesian data analysis. We will cover the necessary  | GR | LE | Lecture                |
| Spring 2022 | PSC7950  | 7950  | Sec Sys & App            | PSC | Prof                        | 3   | Introduces implementing software security with software engineering best practices,   | GR | LE | Lecture                |
| Spring 2022 | EDL9955  | 9955  | Superintendent Practicum | EDL | Educational Leadership      | 3   | Provides experience in school leadership and administration at the district level. Candidates perform administrative tasks under the supervision of a licensed school district administrator.   | GR | IN | Internship             |
| Spring 2022 | BMB6020  | 6020  | Research Perspectives    | BMB | Biochem & Molecular Biology | 3   | Lecture/reading course to acquaint new graduate students with the research being carried out by the faculty in the Biochemistry and Molecular Biology program.                                  | GR | LE | Lecture                |
| Spring 2022 | EDT7000  | 7000  | Entry Seminar            | EDT | Educational                 | 1   | Introductory seminar for educational technology and library media programs. Students should   | GR | SE | Seminar                |
| Spring 2022 | EES4350  | 4350  | Field Mapping            | EES | Earth &                     | 2   | Geologic phenomena studied and mapped in the field. Mapping techniques are utilized in a  | UG | LL | Lecture/Lab            |
| Spring 2022 | PLS4280  | 4280  | Natl Security Politics   | PLS | Political Science           | 3   | Study of U.S. national defense and security policy process and major strategic issues facing the U.S. government. Integrated Writing course.  | UG | LE | Lecture                |
| Spring 2022 | ATH6100  | 6100  | Spec Topics-Cultural ATH | ATH | Anthropology                | 3   | Intensive study of selected topics in graduate-level cultural anthropology. Topics vary.  | GR | LE | Lecture                |
| Spring 2022 | NUR8900  | 8900  | DNP                      | NUR | Nursing                     | 2   | In this course collaboration with faculty and mentors, students design an experience to   | GR | PR | Practicum              |
| Spring 2022 | BME8930  | 8930  | Non-Dissrt Resrch in BME | BME | Biomedical Engineering      | 1   | Ph.D. Non-Dissertation Research in Biomedical Engineering.  | GR | IS | Independent Study      |
| Spring 2022 | MTH3320  | 3320  | Complex                  | MTH | Mathematics                 | 3   | Operations with complex numbers, derivatives, holomorphic functions and the Cauchy-   | UG | LE | Lecture                |
| Spring 2022 | MTH2240  | 2240  | Applied                  | MTH | Mathematics                 | 4   | Functions (including exponential and logarithmic functions), limits, derivatives and rates of   | UG | LE | Lecture                |
| Spring 2022 | PTX7110  | 7110  | Journal Club             | PTX | Pharmacology/ Toxicology    | 1   | WSU faculty driven course. Students are presented with current literature on around a specific topic. The students will give presentations on the material.                                     | GR | SE | Seminar                |
| Spring 2022 | PSY4000  | 4000  | PSY Capstone Topics      | PSY | Psychology                  | 1   | A selected psychology capstone topic. Topics vary.  | UG | SE | Seminar                |
| Spring 2022 | KNH2600  | 2600  | First Aid and CPR        | KNH | Kinesiology & Health        | 2   | Standard Red Cross first aid course. Comprehensive study of first aid techniques and procedures in emergency treatment.   | UG | LE | Lecture                |
| Spring 2022 | CEG3110  | 3110  | Intro Software           | CEG | Computer                    | 3   | This course introduces software testing strategies and established best practices for testing   | UG | LE | Lecture                |
| Spring 2022 | ATH3700  | 3700  | Arch Field Methods       | ATH | Anthropology                | 3   | A review of the techniques of archaeological survey, the development of fieldwork strategies for the investigation of sites, and techniques of mapping sites and recording archaeological data. | UG | LE | Lecture                |
| Spring 2022 | TH1000   | 1000  | Musical Theatre Voice    | TH  | Theatre                     | 1   | Weekly musical theatre singing lessons for acting, theatre studies and dance majors only.   | UG | ST | Studio                 |

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|-------------|----------|-------|---------------------------------------|-----|--------------------------------------|-----|--|----|----|---------------------------|
| Spring 2022 | HST4860  | 4860  | History and                           | HST | History                              | 3   | Examines the impact of new media on access to primary sources, public programs, history  | UG | LL | Lecture/Lab               |
| Spring 2022 | BMS8630  | 8630  | Prin                                  | BMS | Biomedical                           | 1   | Principles of Biomedical Research is appropriate for students that will be involved in   | GR | LE | Lecture                   |
| Spring 2022 | PSI9210  | 9210  | Diversity                             | PSI | Professional                         | 3   | First course in a 2-course sequence that also builds on PSI 9200. Focus is on increasing   | GR | LE | Lecture                   |
| Spring 2022 | ART3160  | 3160  | Studies 20th                          | ART | Art                                  | 3   | General surveys and intensive studies of the period, major movements, and artists of the time.   | UG | LE | Lecture                   |
| Spring 2022 | EDL9140  | 9140  | Adv Coaching<br>Mentoring             | EDL | Educational<br>Leadership            | 3   | Advanced studies in developing school leaders' essential knowledge, skills, and dispositions<br>for effective coaching and mentoring focused on improving teaching and learning. | GR | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | MLB4610  | 4610  | Serology                              | MLB | Medical<br>Laboratory<br>Science     | 1   | Study of antigens and the stimulation of antibodies in vivo, and the use of these reactions to<br>perform in vitro testing to diagnose and monitor the course of disease.        | UG | LE | Lecture                   |
| Spring 2022 | CS7950   | 7950  | MSCS Thesis<br>Research               | CS  | Computer<br>Science                  | 1   | Master's thesis research in computer science   | GR | IS | Independen<br>t Study     |
| Spring 2022 | ATH2200  | 2200  | Intro to<br>Archaeology               | ATH | Anthropology                         | 3   | Introduces the nature of archaeological data, techniques of archaeological dating, and<br>methods of data collection, analysis, and interpretation.                              | UG | LE | Lecture                   |
| Spring 2022 | LDR7250  | 7250  | Dvrsty,Eqty,Inc<br>lsn&Cltr<br>Ldrshp | LDR | Leadership                           | 3   | This course focuses on issues related to diversity, equity, inclusion, and culture as they impact<br>both individual and organizational behavior.                                | GR | LE | Lecture                   |
| Spring 2022 | ATH2500  | 2500  | Cultural Ant                          | ATH | Anthropology                         | 3   | Basic concepts, ideas, issues and debates in cultural anthropology, using examples from Asia,  | UG | LE | Lecture                   |
| Spring 2022 | BMS7461  | 7461  | Rehab Eng                             | BMS | Biomedical                           | 3   | Introduces adaptive computer access hardware and software solutions for various disability   | GR | LL | Lecture/Lab               |
| Spring 2022 | EES3240  | 3240  | American                              | EES | Earth &                              | 3   | This course explores the interactions between humans and the natural environment in  | UG | LE | Lecture                   |
| Spring 2022 | BME4460  | 4460  | Nanomed                               | BME | Biomedical                           | 3   | Overview of the distinctive features of nanotechnology and their application to biomedical   | UG | LE | Lecture                   |
| Spring 2022 | EDS4500  | 4500  | Independent<br>Study in IS            | EDS | Education -<br>Special<br>Education  | 0.5 | Independent study in a selected area of special education.   | UG | IS | Independen<br>t Study     |
| Spring 2022 | EES6540L | 6540L | Subsurface<br>Fluid Flow Lab          | EES | Earth &<br>Environmental<br>Sciences | 0   | Required laboratory for EES 6540.  | GR | LB | Lab                       |
| Spring 2022 | ECE7700  | 7700  | Lang Dev and<br>Comm Disord           | ECE | Education -<br>Early<br>Childhood    | 3   | Speech and language development, causes and effects of communication disorders, speech<br>and language assessment and intervention strategies.                                   | GR | IS | Independen<br>t Study     |
| Spring 2022 | ME6120   | 6120  | Finite Element                        | ME  | Mechanical                           | 3   | Fundamentals of finite element analysis as a general numerical method for the solution of  | GR | LE | Lecture                   |
| Spring 2022 | ECO5580  | 5580  | ECO and                               | ECO | Center for                           | 2   | This course will focus on two specific geographic perspectives-- spatial and ecological-- to help  | GR | LL | Lecture/Lab               |
| Spring 2022 | BMB8990  | 8990  | Biochemistry<br>Research              | BMB | Biochem &<br>Molecular<br>Biology    | 0.5 | Original research in a BMB faculty laboratory. Variable credit hours .5 - 15.  | GR | IS | Independen<br>t Study     |
| Spring 2022 | ART4660  | 4660  | Adv Printmkg:                         | ART | Art                                  | 3   | Development of personalized concepts and individual aesthetic expression in printmaking.   | UG | LB | Lab                       |
| Spring 2022 | BIO4600L | 4600L | Population<br>Genetics Lab            | BIO | Biology                              | 0   | Required laboratory for BIO 4600.  | UG | LB | Lab                       |
| Spring 2022 | TH2020   | 2020  | Sound Design                          | TH  | Theatre                              | 3   | Introduction to the craft and art of sound design. Emphasis on physics of sound, signal flow,  | UG | LL | Lecture/Lab               |
| Spring 2022 | PSY5000  | 5000  | PSY Core<br>Topics                    | PSY | Psychology                           | 1   | A selected topic in a core area of psychology. The topic and structure of this course will vary<br>according to the discretion of the instructor.                                | GR | LE | Lecture                   |
| Spring 2022 | EC6450   | 6450  | Political Econ                        | EC  | Economics                            | 3   | Provides feminist understanding of women's economic roles and contributions in the context of  | GR | LE | Lecture                   |
| Spring 2022 | EDS6300  | 6300  | Workshops in<br>Education             | EDS | Education -<br>Special<br>Education  | 0.5 | Workshops in selected areas of education taught through the Division of Professional<br>Development (DPD)  | GR | LE | Lecture                   |
| Spring 2022 | BIO3200  | 3200  | Intro to                              | BIO | Biology                              | 3   | Principles and concepts of immunology. Organization of the immune system. Cellular and   | UG | LE | Lecture                   |
| Spring 2022 | PSY4740  | 4740  | Space and<br>Time<br>Capstone         | PSY | Psychology                           | 3   | Communication-intensive seminar integrating knowledge on space and time. Integrated<br>Writing course.   | UG | SE | Seminar                   |
| Spring 2022 | HST7600  | 7600  | Intro Archives                        | HST | History                              | 3   | Fundamental problems, theoretical principles, techniques, and practical administration of  | GR | LE | Lecture                   |
| Spring 2022 | TH3840   | 3840  | Intro to<br>Dramatic Wrtg             | TH  | Theatre                              | 3   | Theory and practice of techniques of dramatic writing emphasizing writing of original plays.   | UG | LE | Lecture                   |

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|-------------|----------|-------|--------------------------------|-----|---------------------------------|---|--|----|----|-------------------------|
| Spring 2022 | CHM1010L | 1010L | Intro to Chemistry Lab         | CHM | Chemistry                       | 0 | Required laboratory for CHM 1010.  | UG | LB | Lab                     |
| Spring 2022 | BMS7410  | 7410  | Struc Concept Org Chem         | BMS | Biomedical Sciences             | 2 | Study of molecular orbital theory, reactive species, theories of acids and bases, and an introduction to stereochemistry.  | GR | LE | Lecture                 |
| Spring 2022 | ME6580   | 6580  | Fuel Cell Sci                  | ME  | Mechanical                      | 3 | This course will cover the fundamentals, technologies, and applications of various types of  | GR | LE | Lecture                 |
| Spring 2022 | MUA1210  | 1210  | Applied Music                  | MUA | Music: Applied Music            | 2 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.                         | UG | IS | Independent Study       |
| Spring 2022 | ATR4610  | 4610  | Org & Admin                    | ATR | Athletic                        | 3 | Knowledge, skills, and dispositions required of the entry-level Certified Athletic Trainer to  | UG | LE | Lecture                 |
| Spring 2022 | ECO5540  | 5540  | Eco and World                  | ECO | Center for                      | 2 | This course is designed to link world historical events and economic concepts. Questions like,   | GR | LL | Lecture/Lab             |
| Spring 2022 | OIS2170  | 2170  | Integ Office                   | OIS | Office                          | 3 | Study of computer skills by utilizing and integrating Microsoft Office software. Students will use   | UG | LL | Lecture/Lab             |
| Spring 2022 | EDS6220  | 6220  | Est part w/fam ECIS/PSN        | EDS | Education - Special Education   | 3 | Family partnerships and advocacy in early childhood special education and early intervention.  | GR | LE | Lecture                 |
| Spring 2022 | ACC7460  | 7460  | Fin Statement Analysis         | ACC | Accountancy                     | 3 | Financial Statement presentations are analyzed from an accounting perspective with heavy emphasis on footnote analysis and the impact on the financial statements.               | GR | LE | Lecture                 |
| Spring 2022 | WGS3500  | 3500  | Feminist Activism              | WGS | Women, Gender, and Sexuality    | 3 | Explores contemporary women's movements at local and national levels to understand different forms of feminist activism and encourage civic engagement. Service Learning course. | UG | LE | Lecture                 |
| Spring 2022 | CHI5110  | 5110  | Chinese                        | CHI | Chinese                         | 3 | Integrates and balances competency of the four basic language skills: reading, writing,  | GR | LE | Lecture                 |
| Spring 2022 | CEG4320L | 4320L | Dig Integ Ckt Design Lab       | CEG | Computer Engineering            | 1 | Realizations, testing and evaluation of digital integrated circuits with particular emphasis on programmable logic devices.  | UG | LB | Lab                     |
| Spring 2022 | MUA3210  | 3210  | Applied Music                  | MUA | Music: Applied Music            | 2 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.                         | UG | IS | Independent Study       |
| Spring 2022 | IDL3110  | 3110  | Digital Teaching Tools         | IDL | Instructional Design & Learning | 3 | Educators will learn how to integrate educational technology tools in the classroom to enhance students' learning.   | UG | LE | Lecture                 |
| Spring 2022 | PSI9440  | 9440  | Child                          | PSI | Professional                    | 3 | Overview of current theory, research, and techniques of psychotherapy for children and   | GR | LE | Lecture                 |
| Spring 2022 | PSI9140  | 9140  | Educational                    | PSI | Professional                    | 3 | Covers the issues and methods surrounding the assessment of various types of   | GR | LE | Lecture                 |
| Spring 2022 | PSI9560  | 9560  | Rehabilitation                 | PSI | Professional                    | 3 | Introduction to the field of rehabilitation psychology focusing on current psychological theories  | GR | LE | Lecture                 |
| Spring 2022 | PTX8061  | 8061  | Six                            | PTX | Pharmacology/                   | 3 | This course is an introduction to the tools and techniques of the lean six sigma philosophy of   | GR | LE | Lecture                 |
| Spring 2022 | KNH1750  | 1750  | Intro Distance Running         | KNH | Kinesiology & Health            | 2 | Fundamental skills and knowledge of distance running. Competency-based approach. Course may accommodate disabled students when appropriate.                                      | UG | LB | Lab                     |
| Spring 2022 | STT4860  | 4860  | Ind Read Stat and Prob         | STT | Statistics                      | 1 | Independent study in statistics and probability.   | UG | IS | Independent Study       |
| Spring 2022 | ART3760  | 3760  | Subtractive                    | ART | Art                             | 3 | Development of personal concepts and aesthetic expression in sculpture, with focus on  | UG | ST | Studio                  |
| Spring 2022 | MTH6070  | 6070  | Optimization                   | MTH | Mathematics                     | 3 | Algorithms for optimizing real functions of several variables subject to equality and inequality   | GR | LE | Lecture                 |
| Spring 2022 | CHM5510R | 5510R | Physical Chemistry Lab I Rec   | CHM | Chemistry                       | 0 | Required recitation for CHM 5510L.   | GR | RE | Recitation              |
| Spring 2022 | LEP0220  | 0220  | Writing Workshop Level 2       | LEP | LEAP                            | 0 | Writing workshop (revision, editing and lab) for low-intermediate/intermediate ESL students. This course has a fee that is non-refundable once the term begins.                  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | ACC2070  | 2070  | Careers in Accounting          | ACC | Accountancy                     | 1 | Introduction to career opportunities in accounting.  | UG | LE | Lecture                 |
| Spring 2022 | PLS4920  | 4920  | Indep Field Research           | PLS | Political Science               | 1 | Supervised individual projects. May involve intern programs, field research or other specialized projects. Requires 3.0 GPA.   | UG | IS | Independent Study       |
| Spring 2022 | NUR4440C | 4440C | Public Health Nursing Clinical | NUR | Nursing                         | 0 | Required clinical for NUR 4440.  | UG | CL | Clinical                |
| Spring 2022 | SOC6610  | 6610  | Gender and                     | SOC | Sociology                       | 3 | Examination of how crime and the criminal justice system are shaped by gendered social   | GR | LE | Lecture                 |

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|-------------|---------|-------|--------------------------|-----|-------------------------------|-----|---|----|----|-------------------------|
| Spring 2022 | EED3650 | 3650  | Phonics & Word Study P-5 | EED | Elementary Education P-5      | 3   | An in-depth analysis of how children in P-5 learn phonics and word study, and use this knowledge while reading and writing.   | UG | LE | Lecture                 |
| Spring 2022 | MTH6510 | 6510  | Modern                   | MTH | Mathematics                   | 3   | Elementary number theory: divisibility, prime numbers, congruences, quadratic reciprocity, and  | GR | LE | Lecture                 |
| Spring 2022 | BMS7030 | 7030  | Research                 | BMS | Biomedical                    | 0.5 | (Also listed as BMB 7030.) Research ethics emphasizes the evaluation of hypothetical ethical  | GR | LE | Lecture                 |
| Spring 2022 | ME7950  | 7950  | Thesis                   | ME  | Mechanical and Materials Engr | 1   | Masters thesis.   | GR | IS | Independent Study       |
| Spring 2022 | ME4680  | 4680  | Experimental             | ME  | Mechanical                    | 3   | Laboratory experiments 1) fabrication of nanomaterials; 2) characterization of physical and   | UG | LB | Lab                     |
| Spring 2022 | PSY2710 | 2710  | Psycholinguisti          | PSY | Psychology                    | 3   | Physical, neurological, and cognitive processes underlying the acquisition, production, and   | UG | LE | Lecture                 |
| Spring 2022 | BMS9610 | 9610  | Neuromusculr Engineering | BMS | Biomedical Sciences           | 3   | Teaches the design and application of neuromuscular assistive devices. Emphasizes biomathematics modeling and control theory.   | GR | LE | Lecture                 |
| Spring 2022 | NEU1000 | 1000  | Intro to Neuro Research  | NEU | Neuroscience                  | 2   | Introduction to the primary neuroscience literature. Students will learn how to search for articles and begin to analyze the different components of them.  | UG | LE | Lecture                 |
| Spring 2022 | BME1550 | 1550  | Adaptive                 | BME | Biomedical                    | 3   | Presented for physically impaired students for the purpose of familiarizing them with adaptive  | UG | LL | Lecture/Lab             |
| Spring 2022 | MI7310  | 7310  | Virology                 | MI  | Microbiology &                | 3   | This course provides an introduction to the field of virology. The course emphasizes the  | GR | LE | Lecture                 |
| Spring 2022 | FIN4110 | 4110  | Mergers and              | FIN | Finance                       | 3   | Students will develop an in-depth understanding of how and when to apply the appropriate  | UG | LE | Lecture                 |
| Spring 2022 | PHY4610 | 4610  | Intro to                 | PHY | Physics                       | 3   | Introduction to the theoretical foundations of quantum theory. The Schrodinger and Heisenberg   | UG | LE | Lecture                 |
| Spring 2022 | ECE7200 | 7200  | Adv                      | ECE | Education -                   | 3   | Classroom management techniques within the framework of developmentally appropriate   | GR | LE | Lecture                 |
| Spring 2022 | PTX7003 | 7003  | Biokinetics/Bio dynamics | PTX | Pharmacology/ Toxicology      | 3   | The course will track the absorption, distribution, inactivation and elimination of drugs and toxins. It will also present the principles of drug/toxin actions which underly their observed effects. | GR | LE | Lecture                 |
| Spring 2022 | PHL5120 | 5120  | History of Ethics        | PHL | Philosophy                    | 3   | Study of the development of ethical philosophy through a detailed investigation of such figures as Plato, Aristotle, Hobbes, Butler, Hume, Kant, Mill, and Nietzsche.                                 | GR | LE | Lecture                 |
| Spring 2022 | NUR7735 | 7735  | NNP Practice             | NUR | Nursing                       | 7   | Students will be asked to build upon prior learning, caring for ill newborns/infants and their  | GR | LE | Lecture                 |
| Spring 2022 | MUE4440 | 4440  | University               | MUE | Music:                        | 1   | A performance-oriented group which provides students with chamber brass music experience.   | UG | LL | Lecture/Lab             |
| Spring 2022 | ME4260  | 4260  | Intro Robotics           | ME  | Mechanical                    | 3   | (Also listed as CEG 6560 and ME 6560.) An introduction to the mathematics of robots. Topics   | UG | LE | Lecture                 |
| Spring 2022 | ES7650  | 7650  | Comp                     | ES  | Environmental                 | 4   | This is a survey course of modern computational tools and strategies used in sequence, 3-D  | GR | LE | Lecture                 |
| Spring 2022 | OIS2120 | 2120  | Financial Recordkeeping  | OIS | Office Information Systems    | 3   | Creating and managing business financial records for small and large offices.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | SW6610  | 6610  | SW Field Ed I            | SW  | Social Work                   | 1   | Completion of 300 hours of field education. Provides opportunity for students to engage in  | GR | IN | Internship              |
| Spring 2022 | MTH2280 | 2280  | Business                 | MTH | Mathematics                   | 4   | Functions, rates of change, limits, derivatives of algebraic functions, applications including  | UG | LE | Lecture                 |
| Spring 2022 | SW7170  | 7170  | SW Capstone              | SW  | Social Work                   | 0   | Implementation of a culminating research project following a rigorous qualitative and/or  | GR | LE | Lecture                 |
| Spring 2022 | GR4810  | 4810  | Independent Reading      | GR  | Greek                         | 1   | Topics vary.  | UG | IS | Independent Study       |
| Spring 2022 | EE7430L | 7430L | HF Mag                   | EE  | Electrical                    | 1   | Laboratory exercises related to the fundamental concepts of high-frequency power magnetic   | GR | LB | Lab                     |
| Spring 2022 | BME1110 | 1110  | Fundamentals             | BME | Biomedical                    | 1   | Introduction to the disciplines of Biomedical, Industrial & Systems and Human Factors   | UG | LL | Lecture/Lab             |
| Spring 2022 | CHM7520 | 7520  | Thermodynami cs          | CHM | Chemistry                     | 2   | Fundamentals of chemical thermodynamics; first, second, and third laws; applications to solutions.  | GR | LE | Lecture                 |
| Spring 2022 | ED6330  | 6330  | MCE Soc.                 | ED  | Education                     | 3   | Course focuses on principles, trends, resources, technology, critical thinking skills,  | GR | LE | Lecture                 |
| Spring 2022 | CHM7500 | 7500  | Intro to Quantum Chem    | CHM | Chemistry                     | 3   | Introduction to the ideas and mathematical techniques of quantum theory, including applications to some simple chemical systems.  | GR | LE | Lecture                 |
| Spring 2022 | IB2010  | 2010  | Int'l Business and Trade | IB  | International Business        | 3   | Characteristics, trends, history, stragetic principles, and tactics for success in conducting international business. Non-business majors only.   | UG | LE | Lecture                 |
| Spring 2022 | FR4940  | 4940  | Cuisine et Film          | FR  | French                        | 3   | Study of traditional French gastronomy, from the way it is portrayed in film to the way it is   | UG | LE | Lecture                 |
| Spring 2022 | FR6500  | 6500  | Grad Capstone Project    | FR  | French                        | 1   | Capstone project involving independent research with written and oral final presentations. Topics vary. Taught in French.   | GR | IS | Independent Study       |



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|-------------|----------|-------|-----------------------------|-----|------------------------------|---|--|----|----|-------------------|
| Spring 2022 | GER2020  | 2020  | Intermediate                | GER | German                       | 3 | Grammar review, reading, and discussion of selected texts with practice speaking and writing   | UG | LE | Lecture           |
| Spring 2022 | BME3540L | 3540L | Biomedical Computation Lab  | BME | Biomedical Engineering       | 0 | Required laboratory for BME 3540.  | UG | LB | Lab               |
| Spring 2022 | MUS1020  | 1020  | Theory of Music II          | MUS | Music                        | 3 | Theoretical study of music through written exercises including melody, harmony, rhythm, form and analysis.   | UG | LE | Lecture           |
| Spring 2022 | SW6890   | 6890  | Selected Topics in SW       | SW  | Social Work                  | 0 | Selected topics related to current issues in social work practice; readings, research, and discussion. Topics vary.  | GR | LE | Lecture           |
| Spring 2022 | REL3820  | 3820  | Sociology of                | REL | Religion                     | 3 | (Also listed as SOC 3110) General treatment of religion as a social institution, examining the   | UG | LE | Lecture           |
| Spring 2022 | IHE7950  | 7950  | Thesis Research in IHE      | IHE | Industrial & Hum Fac Engr    | 1 | M.S. Thesis Research in Industrial and Human Factors Engineering   | GR | IS | Independent Study |
| Spring 2022 | ED2600   | 2600  | Intro to Education          | ED  | Education                    | 3 | Orientation to the teaching profession and pluralistic American society as well as an awareness of the global community. Integrated Writing course.  | UG | LE | Lecture           |
| Spring 2022 | LDR7300  | 7300  | Research                    | LDR | Leadership                   | 3 | This course focuses on the need for learners to understand collecting, analyzing, and  | GR | LE | Lecture           |
| Spring 2022 | MIS4400  | 4400  | IS Strat Mgt                | MIS | Management                   | 3 | Explores issues in managing the information systems function in organizations and how it   | UG | LE | Lecture           |
| Spring 2022 | MUS6010  | 6010  | Intro Grad                  | MUS | Music                        | 3 | Methods of scholarly investigation in music  | GR | LE | Lecture           |
| Spring 2022 | ART5150  | 5150  | Nineteenth Century Art      | ART | Art                          | 3 | General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary.  | GR | LE | Lecture           |
| Spring 2022 | MTE6420  | 6420  | Prob Stat Mid               | MTE | Mathematics                  | 3 | Probability and statistical methods applied to real problems. Scientific method of investigation.  | GR | LL | Lecture/Lab       |
| Spring 2022 | SW6170   | 6170  | HBSE I                      | SW  | Social Work                  | 0 | Employs social systems approach as the primary foundation for understanding individuals,   | GR | LE | Lecture           |
| Spring 2022 | DOS9800  | 9800  | Internship in Org Studies   | DOS | Doctor Org Studies           | 1 | An immersive learning experience that broadens and deepens the students' knowledge, skills, and dispositions at the organizational executive level, while meeting doctoral program outcomes. | GR | IN | Internship        |
| Spring 2022 | WGS7000  | 7000  | Feminist Theory             | WGS | Women, Gender, and Sexuality | 3 | Analysis of works of influential feminist thinkers from 18th to 21st centuries. Examines major questions, debates, and issues considered by feminist theorists.                              | GR | SE | Seminar           |
| Spring 2022 | ITA1010  | 1010  | Beginning Italian I         | ITA | Italian                      | 3 | Communicative introduction to Italian. Study of the vocabulary and structure of the Italian language; practice in speaking, listening, reading, and writing.                                 | UG | LE | Lecture           |
| Spring 2022 | BIO4730  | 4730  | Marine Biology              | BIO | Biology                      | 5 | Oceanic ecosystem dynamics and the biological communities associated with different marine   | UG | LE | Lecture           |
| Spring 2022 | SOC4420  | 4420  | Ethnographic Methods        | SOC | Sociology                    | 3 | Explores the meaning, scope and dilemmas of ethnography using both a hands-on ethnographic project and a wide array of readings. Integrated Writing course.                                  | UG | LE | Lecture           |
| Spring 2022 | CS8940   | 8940  | Res Research in Comp Sci    | CS  | Computer Science             | 1 | Research on the Ph.D. dissertation topic taken in residence.   | GR | IS | Independent Study |
| Spring 2022 | KNH1740  | 1740  | Volleyball                  | KNH | Kinesiology & Health         | 1 | Fundamental skills and knowledge of Volleyball. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab               |
| Spring 2022 | APS4250  | 4250  | Trends Issues               | APS | Applied                      | 3 | A critical examination of a wide array of current educational issues, problems, and  | UG | SP | Self-Paced        |
| Spring 2022 | ED7050   | 7050  | Sci Instr                   | ED  | Education                    | 3 | Curriculum and materials for teaching middle level science pertinent to the Ohio Academic  | GR | LE | Lecture           |
| Spring 2022 | GEO4860  | 4860  | Foundations of Geography    | GEO | Geography                    | 3 | Theories and methods comprising the field of geography. Development of the profession and paradigms and traditions of geographical study and analysis. Integrated Writing course.            | UG | LE | Lecture           |
| Spring 2022 | MUS1120  | 1120  | Vocal Technique and Diction | MUS | Music                        | 1 | Vocal English and Italian diction taught with an emphasis on the IPA phonetic language. Discussion and development of vocal technique, terminology, and anatomy.                             | UG | LE | Lecture           |
| Spring 2022 | EE7270   | 7270  | Adaptive                    | EE  | Electrical                   | 3 | The goal of this course is to provide a rigorous introduction to the exciting world of   | GR | LE | Lecture           |
| Spring 2022 | SAA7540  | 7540  | Resilience                  | SAA | Student Affairs              | 3 | Focuses on organizational resilience including ecology, finding meaning, giving/receiving  | GR | LE | Lecture           |
| Spring 2022 | ENG4880  | 4880  | Fiction Writing Capstone    | ENG | English                      | 3 | Students will produce a portfolio integrating knowledge, skills, and principles regarding the writing and revision of original fiction.  | UG | SE | Seminar           |
| Spring 2022 | ANT7900  | 7900  | Anatomy Seminar             | ANT | Anatomy                      | 1 | Two seminars (Anatomy Seminar I and II) run concurrent with the Department of Neuroscience, Cell Biology and Physiology Seminar Series.  | GR | SE | Seminar           |
| Spring 2022 | EC7300   | 7300  | Regional &                  | EC  | Economics                    | 3 | Analysis of the basic forces that shape the economic, social, and physical environments of   | GR | LE | Lecture           |
| Spring 2022 | GER4160  | 4160  | German Lit                  | GER | German                       | 3 | Representative works of Goethe and Schiller.<b> Department Managed Prerequisite(s):  | UG | LE | Lecture           |

|             |         |      |                         |     |                              |   |   |    |    |                        |
|-------------|---------|------|-------------------------|-----|------------------------------|---|---|----|----|------------------------|
| Spring 2022 | OL2010  | 2010 | Leading Self            | OL  | Organizational Leadership    | 3 | Overview of the personal and professional skills and dispositions necessary for effective leadership in an organizational setting.  | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | ASM7773 | 7773 | Fund                    | ASM | Aerospace                    | 2 | Fundamentals of Aerospace Medicine III is the third in a series of three courses that provide a   | GR | SE | Seminar                |
| Spring 2022 | PHY1060 | 1060 | Astronomy               | PHY | Physics                      | 3 | Introduction to astronomy emphasizing the solar system and the universe of stars and  | UG | LE | Lecture                |
| Spring 2022 | PN6300  | 6300 | Med Cell Bio &          | PN  | Physiology &                 | 3 | This is an interdisciplinary course that brings together fundamental concepts of biochemistry,  | GR | LE | Lecture                |
| Spring 2022 | ENG7420 | 7420 | Seminar: Wtg            | ENG | English                      | 3 | Reading, practice, research and discussion of writing practices in academic and non-academic  | GR | SE | Seminar                |
| Spring 2022 | CNL9530 | 9530 | Case Form               | CNL | Counseling                   | 3 | This course reviews clinical decision making skills in counselor practice and emphasizes using  | GR | LE | Lecture                |
| Spring 2022 | NEU4030 | 4030 | Sr Cap Neuro            | NEU | Neuroscience                 | 2 | Senior Neuroscience majors will select a neuroscience topic, critically analyze the scientific  | UG | IS | Independen             |
| Spring 2022 | PSY6960 | 6960 | Behav Embry & Terat Cap | PSY | Psychology                   | 3 | Communication-intensive seminar integrating knowledge on behavioral embryology and teratology.  | GR | SE | Seminar                |
| Spring 2022 | SPN6030 | 6030 | Adv Studies: Lang Civil | SPN | Spanish                      | 3 | Topics vary. Conducted in Spanish.  | GR | SE | Seminar                |
| Spring 2022 | CHM4370 | 4370 | Electroanalytical Chem  | CHM | Chemistry                    | 2 | Fundamental principles of electrochemistry and the application of electrochemical methods to chemistry and chemical analysis.   | UG | LE | Lecture                |
| Spring 2022 | GER4500 | 4500 | Senior Honors           | GER | German                       | 1 | Capstone project for German majors involving independent research, creative projects.<b>  | UG | IS | Independen             |
| Spring 2022 | BMS6640 | 6640 | Computational           | BMS | Biomedical                   | 3 | Random number generation and Monte Carlo methods. The bootstrap and permutation tests.  | GR | LE | Lecture                |
| Spring 2022 | SOC3210 | 3210 | Sociology of Deviance   | SOC | Sociology                    | 3 | Extensive exploration of the various sociological approaches to the study of deviance and social disorganization with emphasis on contemporary sociological theory and research.              | UG | LE | Lecture                |
| Spring 2022 | EE2011  | 2011 | Analog Circuit          | EE  | Electrical                   | 3 | Electrical quantities and their relationships, Impedance models of basic circuit elements,  | UG | LE | Lecture                |
| Spring 2022 | GEO3100 | 3100 | Economic Geography      | GEO | Geography                    | 3 | Geographic factors that influence human economic activities and explain patterns of production, consumption of goods and services, and location change.                                       | UG | LE | Lecture                |
| Spring 2022 | P&N6500 | 6500 | Glial Cell Physiology   | P&N | Physiology & Neuroscience    | 2 | Concepts of glial cell physiology based on the analysis of current primary literature. Topics include interactions between glia and other cell types and the role of glia in pathophysiology. | GR | LE | Lecture                |
| Spring 2022 | WGS6700 | 6700 | Research Methods        | WGS | Women, Gender, and Sexuality | 3 | Examines feminist methodologies and methods of research with emphasis on qualitative inquiry and/or mixed methods.  | GR | LE | Lecture                |
| Spring 2022 | PLS4230 | 4230 | Fin Mgt Pub             | PLS | Political                    | 3 | Local fiscal institutions and analytical tools for designing and evaluating fiscal policies.  | UG | LE | Lecture                |
| Spring 2022 | BMS7335 | 7335 | Ergonomic               | BMS | Biomedical                   | 3 | Covers quantitative assessment of human motions. Mathematical descriptions include  | GR | LE | Lecture                |
| Spring 2022 | STT3860 | 3860 | Ind Read Stat and Prob  | STT | Statistics                   | 1 | Topics vary.  | UG | IS | Independent Study      |
| Spring 2022 | ATH6410 | 6410 | Historical              | ATH | Anthropology                 | 3 | Reviews the archaeology of the post-European discovery period in North America.   | GR | LE | Lecture                |
| Spring 2022 | PSI9180 | 9180 | Integrative             | PSI | Professional                 | 3 | Provides a format for integrating various psychological tests into a coherent battery. In addition  | GR | LE | Lecture                |
| Spring 2022 | KNH7800 | 7800 | Research Methods & Prog | KNH | Kinesiology & Health         | 3 | Study of successful program assessment and evaluation processes, related research methods, and grant/project development.   | GR | LE | Lecture                |
| Spring 2022 | CNL7240 | 7240 | Career                  | CNL | Counseling                   | 3 | Presents career development as a series of vocational and other life choices in the process of  | GR | LE | Lecture                |
| Spring 2022 | FR4910  | 4910 | History of              | FR  | French                       | 3 | Survey of the main movements of French cinema from 1895 to the present, featuring works by  | UG | LE | Lecture                |
| Spring 2022 | ENG4790 | 4790 | TEFL Practice           | ENG | English                      | 3 | Identifies the diverse needs of students learning English as a foreign language and the most  | UG | LE | Lecture                |
| Spring 2022 | OL4010  | 4010 | Leading Organizations   | OL  | Organizational Leadership    | 3 | Focus on understanding and navigating the structural, philosophical, and human domains of organizations to engage in effective leadership.  | UG | SE | Seminar                |
| Spring 2022 | SPN1020 | 1020 | Beginning               | SPN | Spanish                      | 3 | Communicative introduction into Spanish language and Hispanic cultures. Study of the  | UG | LE | Lecture                |
| Spring 2022 | EES4270 | 4270 | Process                 | EES | Earth &                      | 3 | Study of the processes that create and modify landforms. Classifications of landforms and   | UG | LE | Lecture                |
| Spring 2022 | ED4360  | 4360 | Science                 | ED  | Education                    | 3 | Curriculum and materials for teaching middle level science with emphasis on an integrated   | UG | LE | Lecture                |
| Spring 2022 | ED6560  | 6560 | AYA Int Pt II: Std T IS | ED  | Education                    | 8 | Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in grades 7-12 in Integrated Science.                | GR | IN | Internship             |
| Spring 2022 | ANT5100 | 5100 | Adv Hum Struc           | ANT | Anatomy                      | 4 | Detailed study of the structure and function of the human body. The course begins with  | GR | LE | Lecture                |
| Spring 2022 | OL4950  | 4950 | Ldrship Skills          | OL  | Organizational               | 3 | Students will examine, in depth, four facets of leadership that resonated with them throughout  | UG | SE | Seminar                |
| Spring 2022 | PSY6700 | 6700 | Adv Topics Percept Cap  | PSY | Psychology                   | 3 | Communication-intensive seminar integrating knowledge on perception. Topic will vary by title. Integrated Writing course.   | GR | SE | Seminar                |

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|-------------|----------|-------|---------------------------|-----|--------------------------|---|--|----|----|-------------------|
| Spring 2022 | SOC5110  | 5110  | Sociology of              | SOC | Sociology                | 3 | Explores the role of religion in society. Religion is viewed not only as a fundamental institution   | GR | LE | Lecture           |
| Spring 2022 | ENG4910  | 4910  | Directed                  | ENG | English                  | 3 | Supervised reading in special areas of American, English, or world literature in translation, and  | UG | IS | Independen        |
| Spring 2022 | EES6220  | 6220  | Intro to                  | EES | Earth &                  | 4 | In Introduction to Geophysics students learn the methods and concepts of practical exploration   | GR | LL | Lecture/Lab       |
| Spring 2022 | FIN6130  | 6130  | Derivatives               | FIN | Finance                  | 3 | The course will deal with (a) the structure and operation of derivative markets (options, forward  | GR | LE | Lecture           |
| Spring 2022 | SOC5720  | 5720  | Policing in Society       | SOC | Sociology                | 3 | Discussion of the history and theories of policing while reviewing the role and function of the police.  | GR | LE | Lecture           |
| Spring 2022 | CHM7200  | 7200  | Adv Inorganic Chem I      | CHM | Chemistry                | 2 | Study of the modern theories of valence, structural inorganic chemistry, and the chemistry of nonmetals.   | GR | LE | Lecture           |
| Spring 2022 | CEG2410  | 2410  | System                    | CEG | Computer                 | 3 | Install and securely configure and maintain a modern server-based operating system while   | UG | LE | Lecture           |
| Spring 2022 | KNH1300  | 1300  | Hiking                    | KNH | Kinesiology & Health     | 1 | Fundamental skills and knowledge of Hiking. Competency-based approach. Course may accommodate disabled students when appropriate.                          | UG | LB | Lab               |
| Spring 2022 | DS7960   | 7960  | MSDS                      | DS  | Data Science             | 1 | In DS 7960 students will apply the concepts from their formal graduate coursework to current,  | GR | IS | Independen        |
| Spring 2022 | CNL4700  | 4700  | Counseling Workshop       | CNL | Counseling               | 1 | Intensive study of selected areas in counseling to meet the particular needs of participating students, schools, and agencies. Titles vary.                | UG | SE | Seminar           |
| Spring 2022 | ENG7990  | 7990  | Thesis                    | ENG | English                  | 3 | To be arranged with the Director of Graduate Studies. Students will be allowed a maximum of three hours thesis credit toward the degree.                   | GR | IS | Independent Study |
| Spring 2022 | EDT8490  | 8490  | Online Crses              | EDT | Educational              | 3 | Examines the theory and practices of using educational technologies to ensure online courses   | GR | LE | Lecture           |
| Spring 2022 | SLI3520  | 3520  | Interpreter               | SLI | Sign                     | 3 | Focus on ethical situations that arise in a sign language interpreter's work. Ethical dilemmas   | UG | LE | Lecture           |
| Spring 2022 | CNL4630  | 4630  | Mental Hlth & Disability  | CNL | Counseling               | 3 | Factors influencing behavior of individuals and methods a rehabilitation specialist may use in observing, analyzing, and improving attitudes and behavior. | UG | LE | Lecture           |
| Spring 2022 | PSY4110  | 4110  | Positive Psy Cap          | PSY | Psychology               | 3 | Communication-intensive seminar integrating knowledge within Positive Psychology. Integrated Writing course.   | UG | SE | Seminar           |
| Spring 2022 | ENG3430  | 3430  | Women and                 | ENG | English                  | 3 | Representative works by and about women of diverse backgrounds across major literary   | UG | LE | Lecture           |
| Spring 2022 | IHE7360  | 7360  | Cognitive                 | IHE | Industrial &             | 3 | Students will acquire knowledge and experience that will aid them in developing quantitative   | GR | LE | Lecture           |
| Spring 2022 | HST7320  | 7320  | Seminar African History   | HST | History                  | 3 | Examines particular periods, regions, or countries in African history. Topics vary.  | GR | SE | Seminar           |
| Spring 2022 | TH3810   | 3810  | Theatre Hist./Lit. II     | TH  | Theatre                  | 3 | Exploration of a variety of later theatrical texts and pertinent history. Integrated Writing course.   | UG | LE | Lecture           |
| Spring 2022 | KNH1080A | 1080A | Basketball                | KNH | Kinesiology & Health     | 1 | Fundamental skills and knowledge of Basketball. Competency-based approach. Course may accommodate disabled students when appropriate.                      | UG | LB | Lab               |
| Spring 2022 | PTX9120  | 9120  | Scientific Writing 1      | PTX | Pharmacology/ Toxicology | 3 | Students are required to independently write a 10-15 page scientific reviews on a current topic in Pharmacology & Toxicology with input from the adviser.  | GR | IS | Independent Study |
| Spring 2022 | PLS6380  | 6380  | Environ Law &             | PLS | Political                | 3 | Examines environmental law and policy and reviews the statutory framework pertaining to  | GR | LE | Lecture           |
| Spring 2022 | ED4990   | 4990  | Afr Am Exper              | ED  | Education                | 3 | Synthesizes histories and experiences of African Americans and examines impacts on   | UG | SE | Seminar           |
| Spring 2022 | CS6840   | 6840  | Intro Machine             | CS  | Computer                 | 3 | This course offers an introduction to the field of probabilistic machine learning. Examples are  | GR | LE | Lecture           |
| Spring 2022 | CS1200R  | 1200R | Intro Discrete Struct Rec | CS  | Computer Science         | 0 | Required recitation for CS 1200.   | UG | RE | Recitation        |
| Spring 2022 | HST7820  | 7820  | Practica                  | HST | History                  | 1 | Practical training in the techniques and skills of archive and museum work, including artifact   | GR | LE | Lecture           |
| Spring 2022 | SPN5250  | 5250  | Business Spanish I        | SPN | Spanish                  | 3 | An introduction to the language of business Spanish with insight into Spain and Latin America within the global economy.                                   | GR | LE | Lecture           |
| Spring 2022 | MUA4220  | 4220  | Applied Music             | MUA | Music: Applied Music     | 2 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.   | UG | IS | Independent Study |
| Spring 2022 | EE6470L  | 6470L | Antenna Thy Design Lab    | EE  | Electrical Engineering   | 1 | Required laboratory for EE 6470.   | GR | LB | Lab               |
| Spring 2022 | HST7330  | 7330  | Seminar Middle East Hst   | HST | History                  | 3 | Examines aspects of the history of the Middle East from the 7th century to the present. Topics vary.   | GR | SE | Seminar           |
| Spring 2022 | EE6400   | 6400  | Nanosci. and              | EE  | Electrical               | 3 | Introduction to nanoengineering, nanoscience and nanotechnology. Topics include  | GR | LL | Lecture/Lab       |

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|-------------|----------|-------|--------------------------------|-----|------------------------|---|--|----|----|------------------------|
| Spring 2022 | ACC3430  | 3430  | Federal Income Tax I           | ACC | Accountancy            | 3 | Federal income taxation of individuals. Analysis of the determinants of taxable income and the tax liability, including property transfers, recapture, passive activities and income characterization. | UG | LE | Lecture                |
| Spring 2022 | URS3460  | 3460  | Public Personnel Admin         | URS | Urban Affairs          | 3 | Methods of employment, training, compensation, and employee relations in various levels of civil service. Examines organizations of public employees.  | UG | LE | Lecture                |
| Spring 2022 | STT7960  | 7960  | Topics in Stat and Prob        | STT | Statistics             | 1 | Topics in statistics and probability.  | GR | IS | Independent Study      |
| Spring 2022 | COM4810  | 4810  | Independent Study              | COM | Communication          | 1 | Faculty-directed readings and research.  | UG | IS | Independent Study      |
| Spring 2022 | ED7903   | 7903  | Instruct Practices in Literacy | ED  | Education              | 1 | Centers on the effective implementation of various literacy instructional practices, the evidence behind the practices and their practical application in PK-12 classrooms.                            | GR | SE | Seminar                |
| Spring 2022 | EE7540L  | 7540L | VLSI Testing                   | EE  | Electrical             | 1 | Required laboratory for EE 7540.<b> Department Managed Prerequisite(s): (Undergraduate   | GR | LB | Lab                    |
| Spring 2022 | PTX6001  | 6001  | Intro to                       | PTX | Pharmacology/          | 3 | This course provides an introduction to the application of biochemistry to the pharmacology  | GR | LE | Lecture                |
| Spring 2022 | HST7910  | 7910  | History                        | HST | History                | 1 | Applies skills learned in coursework to work and/or study outside the academy, in ways that  | GR | IN | Internship             |
| Spring 2022 | ART4090  | 4090  | Studies in Art                 | ART | Art                    | 3 | Problems and approaches to art. Includes cross-media and interdisciplinary studies.  | UG | LB | Lab                    |
| Spring 2022 | CRT1030  | 1030  | Corr Management                | CRT | Corrections            | 3 | Trends and developments in modern correctional management.   | UG | LE | Lecture                |
| Spring 2022 | ME3350   | 3350  | Fluid                          | ME  | Mechanical             | 3 | Study of fluid properties, fluid statics, incompressible flows, and real fluid flows.<b>   | UG | LE | Lecture                |
| Spring 2022 | NEU4020  | 4020  | Sr Cap Neuro                   | NEU | Neuroscience           | 2 | Senior neuroscience majors will write a scientific research article encompassing the   | UG | IS | Independent            |
| Spring 2022 | PLS6200  | 6200  | Politics & the                 | PLS | Political              | 3 | (Also listed as ENG 6600.) Study and critique of political themes in works of selected 20th  | GR | LE | Lecture                |
| Spring 2022 | EDT7820  | 7820  | Developing Multimedia          | EDT | Educational Technology | 3 | Students use elements of instructional design and storyboarding techniques to translate instruction into various types of multimedia presentations.  | GR | LL | Lecture/Lab Combinatio |
| Spring 2022 | EC3010   | 3010  | Econ of Global Money Mar       | EC  | Economics              | 3 | Analysis of behavior and significance of money, credit, debt, and the banking system.  | UG | LE | Lecture                |
| Spring 2022 | HUM7500  | 7500  | Humanities                     | HUM | Humanities             | 1 | Students enrolled in the Humanities Capstone course will write a 30-page research paper  | GR | LE | Lecture                |
| Spring 2022 | EE5210   | 5210  | Linear                         | EE  | Electrical             | 3 | Continuous-time signals and systems, time domain analysis, Laplace transform, Fourier  | GR | LE | Lecture                |
| Spring 2022 | SAA6640  | 6640  | Career                         | SAA | Student Affairs        | 2 | Analyze formal and informal assessment approaches to the career development process.   | GR | LE | Lecture                |
| Spring 2022 | HST6870  | 6870  | Special Topics in Hst          | HST | History                | 3 | Examines special topics in the advanced study of history. Topics vary.   | GR | LE | Lecture                |
| Spring 2022 | BME6703R | 6703R | Medical Imaging Recitation     | BME | Biomedical Engineering | 0 | Required recitation for BME 6703.  | GR | RE | Recitation             |
| Spring 2022 | MGT6250  | 6250  | Compensation                   | MGT | Management             | 3 | Application of compensation and benefits theory to local small businesses, job analyses, job   | GR | LE | Lecture                |
| Spring 2022 | EGR3980L | 3980L | Special Topics in EGR Lab      | EGR | Engineering            | 0 | Required laboratory for EGR 2980.  | UG | LB | Lab                    |
| Spring 2022 | KNH7830  | 7830  | Biomechanics                   | KNH | Kinesiology &          | 3 | Biomechanics and functional anatomy of the human body, with application of biophysical   | GR | LE | Lecture                |
| Spring 2022 | MKT7500  | 7500  | Marketing Res                  | MKT | Marketing              | 3 | Course is aimed at the manager who is th ultimate user of research and who is responsible for  | GR | LE | Lecture                |
| Spring 2022 | MIS3810  | 3810  | Intro to                       | MIS | Management             | 3 | An introduction to the fundamentals of identifying, gathering, managing, visualizing, and  | UG | LE | Lecture                |
| Spring 2022 | MTH2320  | 2320  | Calculus III                   | MTH | Mathematics            | 4 | Vector functions and their derivatives, motion in two and three dimensions, lines, planes, and   | UG | LE | Lecture                |
| Spring 2022 | MUS3310L | 3310L | Adv Orch Cond Lab              | MUS | Music                  | 1 | Builds upon the previously gained conducting experiences and knowledge.  | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | ENG6200  | 6200  | Studies in                     | ENG | English                | 3 | Intensive study of British literary history and/or the work of individual British writers. Intended to   | GR | LE | Lecture                |
| Spring 2022 | ED6580   | 6580  | StdT Tchng: MA/Vis Arts        | ED  | Education              | 8 | Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience grades p-12 in Multi-Age Visual Arts.                         | GR | IN | Internship             |
| Spring 2022 | IT3410   | 3410  | Virtual Rlty                   | IT  | Information            | 3 | Fundamentals of instruction through 3D Virtual Reality Environments. Covers the basics of 3D   | UG | LE | Lecture                |
| Spring 2022 | EDT7800  | 7800  | ICT in                         | EDT | Educational            | 3 | Information and communication technology provides effective technology integration strategies  | GR | LE | Lecture                |
| Spring 2022 | MUE6920  | 6920  | Vocal Jazz Ensemble            | MUE | Music: Ensembles       | 1 | Development of performance skills in vocal jazz. Emphasis on jazz style and techniques, improvisation, and jazz theory. Audition required.   | GR | LL | Lecture/Lab Combinatio |

|             |          |       |                          |     |                        |   |   |    |    |                         |
|-------------|----------|-------|--------------------------|-----|------------------------|---|---|----|----|-------------------------|
| Spring 2022 | STT6860  | 6860  | Ind Read Stat and Prob   | STT | Statistics             | 1 | Independent reading in statistics and probability.  | GR | IS | Independent Study       |
| Spring 2022 | ECE5040  | 5040  | ECEG Math                | ECE | Education -            | 3 | Methods for teaching middle level mathematics pertinent to the Ohio Learning Standards with   | GR | LE | Lecture                 |
| Spring 2022 | MP4350   | 4350  | Adv. Studies in Media    | MP  | Motion Picture         | 3 | Advanced media studies. Topics vary.  | UG | LE | Lecture                 |
| Spring 2022 | PSY8250  | 8250  | Attention                | PSY | Psychology             | 3 | The course covers the major theoretical views of human attention in the literature, their   | GR | SE | Seminar                 |
| Spring 2022 | ATR3610  | 3610  | Assess Athletic Injury I | ATR | Athletic Training      | 2 | Assessment and skills for lower body athletic injuries/conditions of the physically active.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | ARA3110  | 3110  | Arabic                   | ARA | Arabic                 | 3 | A language practicum for intermediate students of Arabic, designed to expand conversational   | UG | LE | Lecture                 |
| Spring 2022 | KNH1760B | 1760B | Walk-Jog-Run             | KNH | Kinesiology & Health   | 1 | Fundamental skills and knowledge of Walk-Jog-Run. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | MUS3340  | 3340  | Music in the             | MUS | Music                  | 3 | Materials, techniques, organization, and  | UG | LE | Lecture                 |
| Spring 2022 | ED4570   | 4570  | Multi-Age                | ED  | Education              | 3 | Curricular and instructional elements for PK-12 English language teachers, including:   | UG | LE | Lecture                 |
| Spring 2022 | KNH1220  | 1220  | Fencing: Competitive     | KNH | Kinesiology & Health   | 1 | Intermediate level of skills and knowledge in Fencing: Competitive. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | CS8960   | 8960  | PhD                      | CS  | Computer               | 1 | Examination that tests for depth of understanding in a chosen computer science and computer   | GR | IS | Independent             |
| Spring 2022 | TH3360   | 3360  | Pattern Draft & Draping  | TH  | Theatre                | 3 | Basic principles of pattern drafting, flat patterning, and draping of the female bodice.  | UG | ST | Studio                  |
| Spring 2022 | PTX8001  | 8001  | Lab Safety               | PTX | Pharmacology/          | 1 | In this course we discuss the environmental, health, and safety requirements for laboratory   | GR | LE | Lecture                 |
| Spring 2022 | PSY6220  | 6220  | Psycholinguistics Cap    | PSY | Psychology             | 3 | Communication-intensive seminar integrating knowledge on language: its development during the first years of life, its biological basis, its normal and abnormal characteristics.                   | GR | SE | Seminar                 |
| Spring 2022 | NUR7612  | 7612  | Psych MH NP              | NUR | Nursing                | 8 | The focus is on comprehension and clinical reasoning in the selection and use of a variety of   | GR | LE | Lecture                 |
| Spring 2022 | DOS9040  | 9040  | Org. in Global           | DOS | Doctor Org             | 3 | Concepts, models and international linkages for understanding organizational performance in   | GR | SE | Seminar                 |
| Spring 2022 | ISM8300  | 8300  | Independent              | ISM | Interdis. Appl.        | 1 | The research work to be performed will be supervised by an ISM Program Faculty member.  | GR | IS | Independent             |
| Spring 2022 | SOC3510  | 3510  | Individual and           | SOC | Sociology              | 3 | Focused upon the intersection of individual and collective realities, this course explores  | UG | LE | Lecture                 |
| Spring 2022 | EDS6690  | 6690  | Clin Prac                | EDS | Education -            | 3 | Use assessment data to plan and implement remediation in a school setting. Write  | GR | LL | Lecture/Lab             |
| Spring 2022 | EE7410   | 7410  | Power                    | EE  | Electrical             | 3 | Silicon and silicon carbide power devices; Fast-recovery, ultra-fast-recovery, and p-n junctions  | GR | LE | Lecture                 |
| Spring 2022 | PSY4030  | 4030  | Practicum in Applied Psy | PSY | Psychology             | 3 | Supervised work in an applied psychological setting consistent with students' individual interests (e.g., mental health agency, industrial, or organizational setting). Graded pass/unsatisfactory. | UG | PR | Practicum               |
| Spring 2022 | MUS1310  | 1310  | Beg Guitar               | MUS | Music                  | 1 | Focuses on the development of good playing habits through melody and chord playing.   | UG | LE | Lecture                 |
| Spring 2022 | TH4450   | 4450  | Acting IV                | TH  | Theatre                | 3 | Student actors are trained in approaches to a range of twentieth and twenty-first century texts,  | UG | LL | Lecture/Lab             |
| Spring 2022 | SLI4520  | 4520  | Ed Interp: Sign          | SLI | Sign                   | 3 | Enhancing sign to English skills for interpreters working in K-12 educational settings with deaf  | UG | LE | Lecture                 |
| Spring 2022 | KNH2010  | 2010  | Army Fitness Training IV | KNH | Kinesiology & Health   | 1 | Fundamental skills and knowledge of Army Fitness Training. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                     |
| Spring 2022 | ITA2020  | 2020  | Intermediate             | ITA | Italian                | 3 | Continued study of the Italian language. Grammar review, reading, and discussion of selected  | UG | LE | Lecture                 |
| Spring 2022 | KNH1450B | 1450B | Rape Def Strat Basic     | KNH | Kinesiology & Health   | 1 | Fundamental skills and knowledge of Rape Defense Strategies: Basic. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | STT4160  | 4160  | Short Term               | STT | Statistics             | 3 | Introduction to a variety of frequency, severity, and aggregate models that are useful for short-   | UG | LE | Lecture                 |
| Spring 2022 | SOC2200  | 2200  | Social                   | SOC | Sociology              | 3 | Analyzes how social problems are identified, legitimated and addressed in contemporary  | UG | LE | Lecture                 |
| Spring 2022 | GER5260  | 5260  | Business                 | GER | German                 | 3 | An advanced study of the language of business German with insight into Germany's place in   | GR | LE | Lecture                 |
| Spring 2022 | TEG2910  | 2910  | Main Fund/indust Mech    | TEG | Technical Engineering  | 8 | Standard maintenance tasks including the application of standards of metrology and basic material structures and concepts of mechanical advantage and how it applies to industrial machinery.       | UG | LL | Lecture/Lab Combination |
| Spring 2022 | FR4210   | 4210  | Literature of            | FR  | French                 | 3 | Selected medieval texts: epic poems, romances, and plays. Taught in French.<b> Department   | UG | LE | Lecture                 |
| Spring 2022 | EDL7910  | 7910  | Curr Design & Evaluation | EDL | Educational Leadership | 1 | Provides curriculum and supervision students with knowledge and skills necessary to perform curriculum and instruction design and evaluation functions.   | GR | LE | Lecture                 |
| Spring 2022 | ENG1030  | 1030  | Advanced                 | ENG | English                | 3 | Advanced course in written communication with an emphasis on grammatical structures,  | UG | LE | Lecture                 |

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|-------------|----------|-------|--------------------------|-----|--------------------------------|---|--|----|----|-------------------------|
| Spring 2022 | CNL7261  | 7261  | Systems Theory           | CNL | Counseling                     | 2 | Considers principles and techniques of marriage and family counseling from a variety of theoretical orientations.  | GR | LE | Lecture                 |
| Spring 2022 | ED7500   | 7500  | Literacy Assess and Eval | ED  | Education                      | 3 | Explore various literacy assessments to administer, analyze, and interpret the results of the assessment tools to enhance specific and targeted reading and writing instruction for K-12 learners. | GR | LE | Lecture                 |
| Spring 2022 | HST7850  | 7850  | Archival                 | HST | History                        | 3 | An introduction to the basics of archival preservation. Topics include components of a   | GR | LE | Lecture                 |
| Spring 2022 | CS5160   | 5160  | Computer                 | CS  | Computer                       | 6 | Hands-on survey of the fundamental concepts of computer science including: fundamentals of   | GR | LL | Lecture/Lab             |
| Spring 2022 | NUR4440  | 4440  | Public Health            | NUR | Nursing                        | 1 | Integrates nursing and public health concepts/trends to assess community health needs.   | UG | LE | Lecture                 |
| Spring 2022 | EDT8220  | 8220  | ID Concepts & Theories   | EDT | Educational Technology         | 3 | Students will explore a variety of instructional design concepts and theories, software applications, and how instructional design theory can be applied to practice.                              | GR | LE | Lecture                 |
| Spring 2022 | SCM7990R | 7990R | SCM Capstone Project Rec | SCM | Supply Chain Management        | 0 | Required recitation for SCM 7990.  | GR | PR | Practicum               |
| Spring 2022 | PSY2410  | 2410  | Childhood &              | PSY | Psychology                     | 3 | Child and adolescent development, based on theories and research in developmental  | UG | LE | Lecture                 |
| Spring 2022 | MKT4100  | 4100  | Digital                  | MKT | Marketing                      | 3 | Basic principles of internet marketing and use of selected technologies e.g., advertising,   | UG | LE | Lecture                 |
| Spring 2022 | CEG3310  | 3310  | Computer                 | CEG | Computer                       | 4 | Organization and sequential operation of digital computers. Binary and hexadecimal number  | UG | LE | Lecture                 |
| Spring 2022 | SPN3500  | 3500  | Spanish                  | SPN | Spanish                        | 3 | Professor-led study abroad program in a Spanish-speaking country, such as Mexico, Puerto   | UG | LE | Lecture                 |
| Spring 2022 | CTE6150  | 6150  | CTE Practicum            | CTE | Career and                     | 3 | Teaching experience integrated with academic instruction; application of learned concepts to   | GR | PR | Practicum               |
| Spring 2022 | MIS3650  | 3650  | Business Processes RFID  | MIS | Management Information Systems | 3 | Introduction to Radio Frequency Identification (RFID) with particular focus on business automation; hands-on experience with using RFID equipment and preparation for the RFID certification.      | UG | LL | Lecture/Lab Combination |
| Spring 2022 | EE8000L  | 8000L | Select Topics in EE Lab  | EE  | Electrical Engineering         | 1 | Laboratory for EE 8000.  | GR | LB | Lab                     |
| Spring 2022 | SPN6320  | 6320  | Sem in Spanish-Amer Lit  | SPN | Spanish                        | 3 | Readings and reports in the novel, poetry, and drama of selected Spanish-American authors. Representative works of Borges, Garcia Marquez, Rulfo, Paz, Vargas Llosa, Sanchez, and others.          | GR | SE | Seminar                 |
| Spring 2022 | EE7470   | 7470  | EM Simulation            | EE  | Electrical                     | 3 | Direct solution of Maxwell's differential equations in the time domain using the finite-difference   | GR | LE | Lecture                 |
| Spring 2022 | PLS4910  | 4910  | Independent Research     | PLS | Political Science              | 1 | Supervised individual research on selected topics. Minimum 3.0 grade point average. Integrated Writing course.   | UG | IS | Independent Study       |
| Spring 2022 | HST4870  | 4870  | Special Topics in Hist   | HST | History                        | 3 | Examines special topics in the advanced study of history. Integrated Writing course.   | UG | LE | Lecture                 |
| Spring 2022 | KNH3840  | 3840  | Practicum-               | KNH | Kinesiology &                  | 1 | Supervised field work for junior students seeking certification or a concentration in a specific   | UG | PR | Practicum               |
| Spring 2022 | MUS7040  | 7040  | Found & Prin of Mus Ed   | MUS | Music                          | 3 | Historical, philosophical, and psychological foundations of music education. Principles applied to theoretical and practical problems of music education.  | GR | LE | Lecture                 |
| Spring 2022 | REL3930  | 3930  | Faith and Reason         | REL | Religion                       | 3 | Introduction to issues in philosophy of religion. Topics vary.   | UG | LE | Lecture                 |
| Spring 2022 | PSY8130  | 8130  | Fund. Motion             | PSY | Psychology                     | 3 | A detailed introduction to visual motion perception, covering historical, psychophysical, neural,  | GR | SE | Seminar                 |
| Spring 2022 | REL6500  | 6500  | Seminar on Am Religion   | REL | Religion                       | 3 | Seminar examining selected topics related to the history and practice of religion in America.  | GR | SE | Seminar                 |
| Spring 2022 | STT3600  | 3600  | Applied                  | STT | Statistics                     | 3 | Introduction to probability, random variables and their expectations, some commonly used   | UG | LE | Lecture                 |
| Spring 2022 | PHY6430  | 6430  | Complex Nat.             | PHY | Physics                        | 4 | Explores quantitative analysis and probabilistic forecasting of the behavior of complex  | GR | LE | Lecture                 |
| Spring 2022 | ATH4000  | 4000  | Political                | ATH | Anthropology                   | 3 | Focuses on the anthropological study of political life cross-culturally. Presents evolutionary   | UG | LE | Lecture                 |
| Spring 2022 | ISG7220  | 7220  | Nat & Nur St Gftd Ed Nd  | ISG | Intervention Specialist Gifted | 3 | Addressing cognitive, affective, social, and physical characteristics of students with gifted and talented needs in the educational setting.   | GR | LE | Lecture                 |
| Spring 2022 | PTX8013  | 8013  | Communication in Science | PTX | Pharmacology/ Toxicology       | 3 | A crash course in bringing clarity, plain language and fun to scientific communications.   | GR | LE | Lecture                 |
| Spring 2022 | DAN2070  | 2070  | Beginning Tap Dance I    | DAN | Dance                          | 1 | Group class introduces students to fundamentals of tap dance technique.  | UG | ST | Studio                  |
| Spring 2022 | HPR3100  | 3100  | Practicum I:             | HPR | Health Phy                     | 1 | Candidates, mentored by a classroom teacher, participate in the educational process, assist  | UG | PR | Practicum               |

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|-------------|---------|------|--------------------------------|-----|---------------------------------------|---|--|----|----|--------------------------------|
| Spring 2022 | HLT3400 | 3400 | Concepts of                    | HLT | Health                                | 3 | Fundamental pharmacologic principles of physiological responses to drugs, therapeutic  | UG | LE | Lecture                        |
| Spring 2022 | SOC4650 | 4650 | Gbl Sxity &                    | SOC | Sociology                             | 3 | Survey of current issues in sexuality and social justice from a global perspective, with   | UG | LE | Lecture                        |
| Spring 2022 | EE4910  | 4910 | Elec Egr                       | EE  | Electrical                            | 3 | A project-oriented design course integrating design methodology with the principles of major   | UG | LE | Lecture                        |
| Spring 2022 | CEG4410 | 4410 | Mobile                         | CEG | Computer                              | 3 | Study networking protocol and system design in mobile computing. Focus on concepts,  | UG | LE | Lecture                        |
| Spring 2022 | FIN4800 | 4800 | Special Topics<br>in Fin       | FIN | Finance                               | 3 | Seminar in a finance topic of current and timely interest. Topics vary.  | UG | SE | Seminar                        |
| Spring 2022 | IDL7020 | 7020 | Digital Course<br>Development  | IDL | Instructional<br>Design &<br>Learning | 3 | This course introduces a variety of instructional design and teaching techniques to facilitate<br>digital course development.  | GR | LE | Lecture                        |
| Spring 2022 | CS3170  | 3170 | Mobile App                     | CS  | Computer                              | 3 | Focuses on projects to progressively demonstrate concepts and practical approaches to  | UG | LE | Lecture                        |
| Spring 2022 | ASL2020 | 2020 | Intermediate                   | ASL | American Sign                         | 4 | An expansion of the conversational skills and knowledge of American Sign Language that   | UG | LE | Lecture                        |
| Spring 2022 | BMB7270 | 7270 | Proteins and<br>Enzymes        | BMB | Biochem &<br>Molecular<br>Biology     | 3 | Also listed as BMS 7670. Current concepts in protein structure and function and the<br>mechanism of enzymatic catalysis.   | GR | LE | Lecture                        |
| Spring 2022 | PSY2580 | 2580 | Profiling and<br>Serial Crimes | PSY | Psychology                            | 3 | The course covers the history, development, and applications of criminal profiling, as well as<br>exploring serial crimes.   | UG | LE | Lecture                        |
| Spring 2022 | ACC7390 | 7390 | Advanced<br>Accounting         | ACC | Accountancy                           | 3 | To study the accounting principles and techniques used to consolidate parent and subsidiary<br>companies at the date of combination and in subsequent periods.   | GR | LE | Lecture                        |
| Spring 2022 | REL5750 | 5750 | New<br>Testament<br>Intro      | REL | Religion                              | 3 | Introduction to the literature, history, and religion of early Christianity.   | GR | LE | Lecture                        |
| Spring 2022 | PLS5430 | 5430 | Civil Liberties II             | PLS | Political                             | 3 | Covers cases and related materials on the Bill of Rights and the Fourteenth Amendment.   | GR | LE | Lecture                        |
| Spring 2022 | ENG4710 | 4710 | Intro to                       | ENG | English                               | 3 | A survey of the scientific study of language. Focuses on describing and explaining languages   | UG | LE | Lecture                        |
| Spring 2022 | EE5320  | 5320 | Digital System                 | EE  | Electrical                            | 4 | Basics of Digital Computer Hardware and Design. Topics include switching algebra and   | GR | LE | Lecture                        |
| Spring 2022 | PTX8020 | 8020 | Pharm&Tox-                     | PTX | Pharmacology/                         | 3 | A large number of therapeutic, occupational, and environmental agents cause damage to  | GR | LE | Lecture                        |
| Spring 2022 | PSY2540 | 2540 | Psych of<br>Disabilities       | PSY | Psychology                            | 3 | Examine issues facing individuals with disabilities. Topics include common misconceptions,<br>cultural considerations, counseling, social support, sexuality, and positive psychology.                 | UG | LE | Lecture                        |
| Spring 2022 | PSI9550 | 9550 | Play Therapy                   | PSI | Professional                          | 3 | This course teaches graduate students about the essential elements and principles of play  | GR | LL | Lecture/Lab                    |
| Spring 2022 | BMS9030 | 9030 | Human<br>Neurobiology          | BMS | Biomedical<br>Sciences                | 4 | (Also listed as ANT 7310.) Detailed survey of the anatomy and physiology of the major fiber<br>tracts and cell groups of the human central nervous system.   | GR | LL | Lecture/Lab<br>Combinatio      |
| Spring 2022 | ME7330  | 7330 | Convective                     | ME  | Mechanical                            | 3 | Heat and mass transfer analysis within conductors and over submerged objects for laminar   | GR | LE | Lecture                        |
| Spring 2022 | FAS2790 | 2790 | Ag Business<br>Topics          | FAS | Food and<br>Agricultural<br>Systems   | 1 | Focused study in an area of interest in Agricultural Business.   | UG | LL | Lecture/Lab<br>Combinatio<br>n |
| Spring 2022 | NUR4800 | 4800 | Transition Role<br>Prof Nur    | NUR | Nursing                               | 3 | Synthesis of concepts, theories, processes, issues of informatics, and models to facilitate<br>transition into professional nursing.   | UG | LE | Lecture                        |
| Spring 2022 | CTE4450 | 4450 | Essentials of<br>CTE           | CTE | Career and<br>Technical<br>Education  | 3 | Explores the development of CTE, Federal legislation, legal issues, special needs,<br>professional and student organizations, current issues, and the philosophy of CTE. Integrated<br>writing course. | UG | LE | Lecture                        |
| Spring 2022 | LDR7600 | 7600 | Research                       | LDR | Leadership                            | 1 | This course guides individual research projects to ensure that the project demonstrates the  | GR | IS | Independen                     |
| Spring 2022 | EES3160 | 3160 | Stratigraphy &                 | EES | Earth &                               | 4 | Clastic and carbonate sedimentary rocks, their mineralogy, texture, provenance, and  | UG | LE | Lecture                        |
| Spring 2022 | EES4460 | 4460 | Sequence                       | EES | Earth &                               | 3 | Examines the mechanisms that produce sea-level change, how sediments respond to  | UG | LE | Lecture                        |
| Spring 2022 | CHM5210 | 5210 | Inorganic<br>Chemistry         | CHM | Chemistry                             | 2 | A thorough examination of the chemistry of the metals stressing the transition elements, ligand<br>field theory and mechanisms of inorganic reactions.   | GR | LE | Lecture                        |
| Spring 2022 | CHI5010 | 5010 | Advanced                       | CHI | Chinese                               | 3 | Development of linguistic proficiency through studying advanced reading and grammar  | GR | LE | Lecture                        |
| Spring 2022 | HPR1530 | 1530 | SCUBA:<br>Newport<br>Aquarium  | HPR | Health Phy<br>Educ &<br>Recreation    | 3 | Fundamental skills and knowledge of SCUBA: Newport Aquarium. Competency-based<br>approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                            |
| Spring 2022 | ED6550  | 6550 | AYA Int Pt II:<br>Std T IM     | ED  | Education                             | 8 | Candidates, under the direct supervision of an experienced classroom teacher, are assigned<br>to a school for intensive teaching experience in grades 7-12 in Integrated Mathematics.                  | GR | IN | Internship                     |

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| Spring 2022 | HST7100  | 7100  | Seminar US to 1865          | HST | History                        | 3 | Examines United States history through the Civil War. Topics vary and may include the following periods: Colonial, Revolutionary, early Republic, antebellum, Civil War.                            | GR | LE | Lecture                 |
| Spring 2022 | PSY6030  | 6030  | Practicum in Applied Psy    | PSY | Psychology                     | 3 | Supervised work in an applied psychological setting consistent with students' individual interests (e.g., mental health agency, industrial, or organizational setting). Graded pass/unsatisfactory. | GR | PR | Practicum               |
| Spring 2022 | EES3140  | 3140  | Sedimentary Petrology       | EES | Earth & Environmental Sciences | 4 | Optical properties of common minerals. Survey of sedimentary rocks in hand sample, thin section and field occurrence.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | CS2900   | 2900  | Spec Topics in Comp Sci     | CS  | Computer Science               | 1 | Special Topics in Computer Science.   | UG | LE | Lecture                 |
| Spring 2022 | IT1210   | 1210  | Intro Photo Design Sci      | IT  | Information Technology         | 3 | Basic terminology and techniques of photography including posing subjects and using photo editing software to enhance photography. Integrated lecture and lab.                                      | UG | LL | Lecture/Lab Combination |
| Spring 2022 | BIO1080  | 1080  | Intro to Public Health      | BIO | Biology                        | 3 | Concepts and practices in public health. Students will explore the history, purposes, and applications of public health.  | UG | LE | Lecture                 |
| Spring 2022 | STT6260  | 6260  | Survival Analysis           | STT | Statistics                     | 3 | Censoring and truncation, survival and hazard functions, estimation and hypothesis tests, Cox regression.   | GR | LE | Lecture                 |
| Spring 2022 | EES6560  | 6560  | Groundwater Contamination   | EES | Earth & Environmental Sciences | 3 | Common anthropogenic contaminant distribution in the groundwater as investigated in recent years.   | GR | LL | Lecture/Lab             |
| Spring 2022 | PSY2003  | 2003  | PSY Elective Topics         | PSY | Psychology                     | 1 | A variable elective topic in psychology. Topics vary.   | UG | LE | Lecture                 |
| Spring 2022 | EES4660  | 4660  | OSHA Compliance             | EES | Earth & Environmental Sciences | 1 | Practical application of the theories of safety and health law. Intended for persons having management responsibility for occupational safety and health.   | UG | LE | Lecture                 |
| Spring 2022 | ED7170   | 7170  | Word Study                  | ED  | Education                      | 3 | In-depth analysis of how people learn the printed word related to instructional procedures.   | GR | LL | Lecture/Lab             |
| Spring 2022 | ME3210   | 3210  | System Dynamics             | ME  | Mechanical                     | 3 | Introduces students to the system level modeling of dynamic engineering systems including, control systems, and optimization.   | UG | LE | Lecture                 |
| Spring 2022 | BME1110L | 1110L | Fundamentals of BIE Lab     | BME | Biomedical Engineering         | 0 | Required laboratory for BME 1110.   | UG | LB | Lab                     |
| Spring 2022 | IB4780   | 4780  | Hon: Ind Study              | IB  | International Business         | 3 | Explores an area of particular interest in international business. Student, faculty member, and industry professional present.  | UG | IS | Independent Study       |
| Spring 2022 | EE4750   | 4750  | Intro to Radar              | EE  | Electrical                     | 3 | Study of the radar equation, antenna patterns, target cross sections and system losses, radar cross section.  | UG | LE | Lecture                 |
| Spring 2022 | EES6160  | 6160  | Stratigraphy & Paleontology | EES | Earth & Environmental Sciences | 4 | Clastic and carbonate sedimentary rocks, their mineralogy, texture, provenance, and geochronology.  | GR | LE | Lecture                 |
| Spring 2022 | ISG7240  | 7240  | Cur & Dif St Gftd Ed Nds    | ISG | Intervention Specialist Gifted | 3 | Understanding the various curriculum models and differentiation in gifted education. Design, delivery and evaluation of curriculum that addresses differentiated curriculum needs.                  | GR | LE | Lecture                 |
| Spring 2022 | ME6750   | 6750  | Mat. Science                | ME  | Mechanical                     | 4 | Principles of characterizing materials with respect to crystal structure, micro/nano structure, and properties.   | GR | LL | Lecture/Lab             |
| Spring 2022 | RHB3010  | 3010  | Med Aspect                  | RHB | Rehabilitation                 | 3 | Study of medical terminology and disorders that usually require rehabilitation intervention.  | UG | LE | Lecture                 |
| Spring 2022 | PSY2130  | 2130  | Environmental Psychology    | PSY | Psychology                     | 3 | Effects of environmental factors such as crowding, noise, pollution, temperature, lighting, and sound.  | UG | LE | Lecture                 |
| Spring 2022 | FR3820   | 3820  | Applied Elem                | FR  | French                         | 1 | French majors and minors assist FR 1010 or FR 1020 course instructors in conducting research.   | UG | IS | Independent Study       |
| Spring 2022 | GER3980  | 3980  | Studies in German           | GER | German                         | 1 | Individual research project approved and supervised by a full-time faculty member. Taught in German.  | UG | LE | Lecture                 |
| Spring 2022 | SCM3200  | 3200  | Basics of SCM               | SCM | Supply Chain                   | 3 | Fundamentals of supply chain management, including the strategic role of the supply chain, and the impact of technology.  | UG | LE | Lecture                 |
| Spring 2022 | BMS9540  | 9540  | Quant Workload Analysis     | BMS | Biomedical Sciences            | 3 | Physiological and mathematical methods needed to accomplish a workload analysis as requisite to a system design or a redesign of an ergonomic system.   | GR | LE | Lecture                 |
| Spring 2022 | EES7490  | 7490  | Modeling Sub                | EES | Earth & Environmental Sciences | 3 | Applications of models for simulating subsurface flow and mass transport in aquifers and other geological systems.  | GR | LL | Lecture/Lab             |
| Spring 2022 | ED4010   | 4010  | Adv Rdg in                  | ED  | Education                      | 3 | Reading in the content area that includes instruction in organizing instruction, use of protocols and procedures.   | UG | LE | Lecture                 |
| Spring 2022 | ART5970  | 5970  | Museology & Collections     | ART | Art                            | 3 | Supervised independent field experience and practical work in all areas of Art Museum.  | GR | IS | Independent Study       |
| Spring 2022 | LEP0550  | 0550  | LEAP                        | LEP | LEAP                           | 0 | The course provides high-intermediate to advanced non-native English speakers with the skills and strategies necessary to succeed in college-level courses.   | UG | LE | Lecture                 |
| Spring 2022 | SW6640   | 6640  | SW Field Ed Seminar I       | SW  | Social Work                    | 1 | Designed to integrate Field Education I experience and coursework. Offered concurrently with foundation fieldwork.  | GR | SE | Seminar                 |
| Spring 2022 | MP3990   | 3990  | Studies Select Subjects     | MP  | Motion Picture                 | 1 | Practical experience or research in topics in the field of motion pictures. Topics vary.  | UG | LE | Lecture                 |
| Spring 2022 | OL4940   | 4940  | Talent Development          | OL  | Organizational Leadership      | 3 | Explores the systematic and strategic approaches to talent management by learning how to assess and develop an organization's human assets. Integrated Writing course.                              | UG | SE | Seminar                 |
| Spring 2022 | PSI9590  | 9590  | Integrative                 | PSI | Professional                   | 3 | This course explores integrative approaches to psychotherapy. The course will expose students to a variety of theoretical and practical approaches.   | GR | LE | Lecture                 |



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|-------------|----------|-------|--------------------------|-----|----------------------------|---|---|----|----|-------------------------|
| Spring 2022 | ENG3420  | 3420  | Post-Colonial Texts      | ENG | English                    | 3 | Representative works of established and emerging writers from the post-colonial world and the diaspora.   | UG | LE | Lecture                 |
| Spring 2022 | KNH1980  | 1980  | Zumba                    | KNH | Kinesiology & Health       | 1 | Fundamental skills and knowledge of Zumba. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                     |
| Spring 2022 | ENG3500  | 3500  | Language for Teachers    | ENG | English                    | 3 | Introduction to language acquisition, linguistics, language diversity, grammar, and sentence structure with an emphasis on pedagogy.  | UG | LE | Lecture                 |
| Spring 2022 | BIO3160L | 3160L | Vertebrate Zoology Lab   | BIO | Biology                    | 0 | Required laboratory for BIO 3160.   | UG | LB | Lab                     |
| Spring 2022 | CEG6120  | 6120  | Managing                 | CEG | Computer                   | 3 | Discusses software development processes, models, and techniques necessary to   | GR | LE | Lecture                 |
| Spring 2022 | PPH6200  | 6200  | Public Health            | PPH | Population &               | 3 | This is an introduction to epidemiology; including historical foundations, basic concepts,  | GR | LE | Lecture                 |
| Spring 2022 | SCM7950  | 7950  | Info Tech &              | SCM | Supply Chain               | 3 | Information technology as an enabler of improved supply chain performance. Managing   | GR | LE | Lecture                 |
| Spring 2022 | MGT6260  | 6260  | Staffing                 | MGT | Management                 | 3 | This course covers the staffing process. Topics include human resource planning, recruitment,   | GR | LE | Lecture                 |
| Spring 2022 | PSY2120  | 2120  | Human Factors and        | PSY | Psychology                 | 3 | Applies human behavior, abilities, limitations, and other characteristics to the design and evaluation of products, systems, jobs, tools, and environments.                       | UG | LE | Lecture                 |
| Spring 2022 | SOC6400  | 6400  | Qualitative Methods      | SOC | Sociology                  | 3 | Provides students with an appreciation of a variety of qualitative research techniques including interviews, focus groups, case studies, and observational research.              | GR | LE | Lecture                 |
| Spring 2022 | PLS7790  | 7790  | Practicum                | PLS | Political Science          | 1 | Field experience for students in selected settings. Jointly supervised by faculty and on-site personnel.  | GR | PR | Practicum               |
| Spring 2022 | MUA7400  | 7400  | Applied Music            | MUA | Music: Applied Music       | 4 | Open only to Graduate Students. All students must have auditioned for and have received departmental approval before registering for applied music.                               | GR | IS | Independent Study       |
| Spring 2022 | BIO3920  | 3920  | Dept Honors              | BIO | Biology                    | 1 | Preparation you for designing honors project. Focus on aspects of research design, literature   | UG | SE | Seminar                 |
| Spring 2022 | EDL9800  | 9800  | Comm                     | EDL | Educational                | 3 | The course examines relationships between schools and communities from demographic,   | GR | SE | Seminar                 |
| Spring 2022 | ABS7220  | 7220  | Sem on Criminal Justice  | ABS | Applied Behavioral Science | 3 | An investigation of the criminal justice system in the United States and its relation to deviant adult and juvenile behavior.   | GR | SE | Seminar                 |
| Spring 2022 | PSI9960  | 9960  | Selected Topics          | PSI | Professional Psychology    | 1 | Content selected by instructor in consultation with the Office of Academic Affairs.   | GR | IS | Independent Study       |
| Spring 2022 | PSI8420  | 8420  | Crisis Intervention      | PSI | Professional Psychology    | 3 | Theory and definition of crisis; individual and community support systems and crisis programs in hospitals, suicide and crisis centers, and office, family, and other settings.   | GR | LL | Lecture/Lab Combination |
| Spring 2022 | SPN3310  | 3310  | Survey of                | SPN | Spanish                    | 3 | Historical survey of Spanish literature from the Middle Ages to contemporary period.<br>  | UG | LE | Lecture                 |
| Spring 2022 | MTH6550  | 6550  | Advanced                 | MTH | Mathematics                | 3 | Basic principles of linear independence, spanning sets, bases, and dimension. Linear  | GR | LE | Lecture                 |
| Spring 2022 | EC7280   | 7280  | Economics of             | EC  | Economics                  | 3 | The course covers a broad range of topics from the business, economics, and social sciences   | GR | LE | Lecture                 |
| Spring 2022 | ENG6720  | 6720  | History of Engl          | ENG | English                    | 3 | Study of the ancestry and early growth of the English language, the history of English sounds   | GR | LE | Lecture                 |
| Spring 2022 | NUR7005  | 7005  | Nur Res & Evid for Pract | NUR | Nursing                    | 3 | Critical analysis of the components, methodology, and state of the art of research for nursing to plan change for best practice   | GR | LE | Lecture                 |
| Spring 2022 | ME4920   | 4920  | Capstone                 | ME  | Mechanical                 | 2 | Second of a two-course sequence in solving realistic engineering design problems. Research  | UG | PR | Practicum               |
| Spring 2022 | EGR1900  | 1900  | Explore Engr Internships | EGR | Engineering                | 1 | Prepares individuals for the engineering internship and job search process through the enhancement of job seeking skills and increased awareness of career development resources. | UG | SE | Seminar                 |
| Spring 2022 | COM4710  | 4710  | Topics in Comm           | COM | Communication              | 3 | Special topics in the various areas of speech communication.  | UG | LE | Lecture                 |
| Spring 2022 | EE3320   | 3320  | Digital System           | EE  | Electrical                 | 4 | Basics of digital computer hardware and design. Topics include switching algebra and  | UG | LE | Lecture                 |
| Spring 2022 | OIS1020  | 1020  | Professional Devel II    | OIS | Office Information Systems | 1 | Professional development in office procedures, dress, personality, leadership, and other aspects of business etiquette.   | UG | LE | Lecture                 |
| Spring 2022 | APS4010  | 4010  | APS Legal                | APS | Applied                    | 3 | A course to provide opportunities for students to gain knowledge, practice, and study in legal  | UG | LE | Lecture                 |
| Spring 2022 | LAT5530  | 5530  | Readings in              | LAT | Latin                      | 3 | Virgil's Aeneid, Ovid's Metamorphoses; Lucan, Statius, Valerius Flaccus, and Stillus. Topics  | GR | LE | Lecture                 |
| Spring 2022 | PSY4120  | 4120  | Applied Sports Psy Cap   | PSY | Psychology                 | 3 | Communication-intensive seminar integrating knowledge within sports psychology. Integrated Writing course.  | UG | SE | Seminar                 |
| Spring 2022 | EE2010   | 2010  | Analog Circuit           | EE  | Electrical                 | 3 | Electrical quantities and their relationships, Transform-calculus impedance models of basic   | UG | LE | Lecture                 |

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|-------------|----------|-------|--------------------------|-----|---------------------------|---|---|----|----|-------------------|
| Spring 2022 | HST6750  | 6750  | 21st-Century History     | HST | History                   | 3 | Examines particular stages of the 21st-century American experience or selected topics (e.g., the Iraq war). Topics vary.  | GR | LE | Lecture           |
| Spring 2022 | ED6975   | 6975  | Cont Sem:                | ED  | Education                 | 3 | Seminar accompanying Multi Age Internship focusing on pedagogical content knowledge in  | GR | SE | Seminar           |
| Spring 2022 | STT6210  | 6210  | Sampling                 | STT | Statistics                | 3 | Classical sampling designs including simple random sampling, stratified sampling, multi-stage   | GR | LE | Lecture           |
| Spring 2022 | SRV2000  | 2000  | Engaged                  | SRV | Service                   | 3 | Rights, privileges and responsibilities of citizenship in our democracy and the world. Develops   | UG | LL | Lecture/Lab       |
| Spring 2022 | EDL7960  | 7960  | Org and Admin Public Sch | EDL | Educational Leadership    | 3 | Principles of democratic school administration; management of teaching and nonteaching personnel; role of administration in facilitating teaching and learning; and school/community relations.         | GR | LE | Lecture           |
| Spring 2022 | ME4121   | 4121  | Industrial               | ME  | Mechanical                | 3 | Wiring diagram creation, hardware selection, and programmable logic controller design and   | UG | LE | Lecture           |
| Spring 2022 | SOC4070  | 4070  | Directed Readings        | SOC | Sociology                 | 1 | Readings in areas of specialized interest. Topics vary.   | UG | IS | Independent Study |
| Spring 2022 | M&I8990  | 8990  | Microbiology Research    | M&I | Microbiology & Immunology | 2 | Supervised thesis research.   | GR | LB | Lab               |
| Spring 2022 | PSY6110  | 6110  | Positive Psy Cap         | PSY | Psychology                | 3 | Communication-intensive seminar integrating knowledge within Positive Psychology.   | GR | SE | Seminar           |
| Spring 2022 | TH3400   | 3400  | Movement III             | TH  | Theatre                   | 2 | Further training in group and solo movement/vocal techniques, intended to expand flexibility and strength of the actor's instrument, awareness, responsiveness, and instinctual choices.                | UG | ST | Studio            |
| Spring 2022 | EC3280   | 3280  | Socialist &              | EC  | Economics                 | 3 | Examines the economic theories of Karl Marx, including the labor theory of value, capital and   | UG | LE | Lecture           |
| Spring 2022 | PLS4710  | 4710  | International Law        | PLS | Political Science         | 3 | Study of rules governing the conduct of international politics with emphasis on their relevance to current world problems.  | UG | LE | Lecture           |
| Spring 2022 | REL5460  | 5460  | Confucianism             | REL | Religion                  | 3 | A survey of Confucianism in Chinese history beginning with various classical expressions of   | GR | LE | Lecture           |
| Spring 2022 | PSY3830  | 3830  | Cognitive                | PSY | Psychology                | 4 | Research methods used in cognitive neuroscience. Hands-on experience with the design of   | UG | LE | Lecture           |
| Spring 2022 | GR1010   | 1010  | Beginning Greek I        | GR  | Greek                     | 3 | Essentials of the Greek language.   | UG | LE | Lecture           |
| Spring 2022 | PLS6320  | 6320  | Intrntnl Politics        | PLS | Political                 | 3 | Examines the power and politics of cyber security, and the international implications of political  | GR | SE | Seminar           |
| Spring 2022 | ART6140  | 6140  | Adv Studies Baroque Art  | ART | Art                       | 3 | Intensive studies of the period, major movements, and artists of the time. Titles vary.   | GR | LE | Lecture           |
| Spring 2022 | ART6130  | 6130  | Adv Stud Renaissance Art | ART | Art                       | 3 | Intensive studies of the period, major movements, and artists of the time. Titles vary.   | GR | LE | Lecture           |
| Spring 2022 | PLS6730  | 6730  | American Foreign Policy  | PLS | Political Science         | 3 | Investigates the role of the United States in contemporary international politics and the relationship of the domestic political system to that role. Discussion of current policy and events included. | GR | LE | Lecture           |
| Spring 2022 | HED7700  | 7700  | Social Behavior Health   | HED | Health Education          | 3 | This course addresses the social-ecological and behavioral determinants of health status and the role of theory-based interventions in alerting health behavior and status.                             | GR | LE | Lecture           |
| Spring 2022 | TH4350   | 4350  | Portfolio Preparation    | TH  | Theatre                   | 3 | Prepares upper-division students for the professional world. Portfolio formats, both traditional and digital. Effective techniques for the presentation of portfolios and employment strategies.        | UG | ST | Studio            |
| Spring 2022 | CTE4250  | 4250  | Curriculum &             | CTE | Career and                | 3 | Investigates ways in which schools approach curriculum, assessment and continuous   | UG | LE | Lecture           |
| Spring 2022 | ATR7500  | 7500  | Med                      | ATR | Athletic                  | 5 | Etiology, pathology, and clinical manifestations of common illnesses, infectious diseases, and  | GR | LE | Lecture           |
| Spring 2022 | RHB3710  | 3710  | International Rehab      | RHB | Rehabilitation            | 3 | Introduction to rehabilitation around the globe. Overview of the historical treatment, societal perceptions, services, and outcomes of people with disabilities internationally.                        | UG | LE | Lecture           |
| Spring 2022 | KNH1620A | 1620A | Stretch & Tone/Pilates   | KNH | Kinesiology & Health      | 1 | Fundamental skills and knowledge of Stretch & Tone/Pilates. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab               |
| Spring 2022 | REL2040  | 2040  | Bible, Qur'an & West Cul | REL | Religion                  | 3 | Introduction to the textual formation, early historical development, and influence of Judaism, Christianity, and Islam. Integrated Writing course.  | UG | LE | Lecture           |
| Spring 2022 | PHL5090  | 5090  | Existentialism           | PHL | Philosophy                | 3 | Introduction to 20th century philosophical and literary movement which, rooted in traditional   | GR | LR | Lecture/Rec       |
| Spring 2022 | CS4710   | 4710  | Introductory             | CS  | Computer                  | 3 | Introduction to the fundamentals of data mining. Emphasis is on data  | UG | LL | Lecture/Lab       |
| Spring 2022 | DAN1240  | 1240  | Jazz for the             | DAN | Dance                     | 1 | Designed to teach fundamental jazz dance technique to the non-dance major and to develop  | UG | ST | Studio            |
| Spring 2022 | ME3320   | 3320  | Thermodynami             | ME  | Mechanical                | 3 | This course will apply the 0th, 1st, 2nd, and 3rd laws of thermodynamics, as well as  | UG | LE | Lecture           |

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|-------------|---------|-------|-----------------------------|-----|-------------------------------|-----|---|----|----|-------------------------|
| Spring 2022 | LEP0020 | 0020  | Writing Workshop - Pre-LEAP | LEP | LEAP                          | 0   | Writing workshop (revision, editing and lab) for low-beginning ESL students. This course has a fee that is non-refundable once the term begins.                               | UG | LL | Lecture/Lab Combination |
| Spring 2022 | MUS3110 | 3110  | History of Music I          | MUS | Music                         | 3   | History of western art music from ancient Greece to 1750. Integrated Writing course.  | UG | LE | Lecture                 |
| Spring 2022 | EED3230 | 3230  | Field                       | EED | Elementary                    | 1   | Candidates, mentored by an elementary educator, assist in the planning, organizing,   | UG | PR | Practicum               |
| Spring 2022 | CNL6700 | 6700  | Counseling Workshop         | CNL | Counseling                    | 0.5 | Intensive study of selected areas in counseling to meet the particular needs of participating students, schools, and agencies. Titles vary.                                   | GR | LE | Lecture                 |
| Spring 2022 | ME4210L | 4210L | Mechanical Vibration Lab    | ME  | Mechanical and Materials Engr | 0   | Required laboratory for ME 4210.  | UG | LB | Lab                     |
| Spring 2022 | MLB4311 | 4311  | Basic                       | MLB | Medical                       | 1   | Application of principles of hematology, including hematopoiesis, counting and identification of  | UG | LB | Lab                     |
| Spring 2022 | PLS6620 | 6620  | US-India-Pak-Afghan Rela    | PLS | Political Science             | 3   | Examination of various aspects of United States relations with India, Pakistan and Afghanistan.   | GR | SE | Seminar                 |
| Spring 2022 | SAA6660 | 6660  | Helping Skills for SAHE     | SAA | Student Affairs in Higher Ed  | 3   | Designed to help apply various psychological theories, models and counseling techniques to enhance helping relationships formed in student affairs work.                      | GR | LE | Lecture                 |
| Spring 2022 | BMS9980 | 9980  | Laboratory                  | BMS | Biomedical                    | 1   | Independent study designed to develop proficiency in technology, instrumentation, research  | GR | LB | Lab                     |
| Spring 2022 | ART2320 | 2320  | Sculpture for               | ART | Art                           | 3   | Introduction to the fundamental approaches and concepts of sculpture through direct   | UG | ST | Studio                  |
| Spring 2022 | SPN6130 | 6130  | SPN Instr                   | SPN | Spanish                       | 1   | Peer teachers observe elementary and/or intermediate level classes; continuation of   | GR | PR | Practicum               |
| Spring 2022 | MTH8990 | 8990  | Graduate Research           | MTH | Mathematics                   | 1   | Research on a selected topic in mathematics.  | GR | IS | Independent Study       |
| Spring 2022 | CSD3870 | 3870  | CSD                         | CSD | Community                     | 1   | Individual supervised learning experiences and on-site seminars under the direction of  | UG | PR | Practicum               |
| Spring 2022 | BME3211 | 3211  | Human Biomechanics I        | BME | Biomedical Engineering        | 4   | Biostatic considerations, human systems and mechanics.  | UG | LE | Lecture                 |
| Spring 2022 | ECE5030 | 5030  | ECEG                        | ECE | Education -                   | 3   | Methods for teaching middle level science pertinent to the Ohio Learning Standards with   | GR | LE | Lecture                 |
| Spring 2022 | ECE3600 | 3600  | Phonics & Word Study        | ECE | Education - Early Childhood   | 3   | An in-depth analysis of how children learn printed words and use this knowledge while reading and writing.  | UG | LE | Lecture                 |
| Spring 2022 | EE5010L | 5010L | Circuit                     | EE  | Electrical                    | 1   | To assist students with learning to apply Kirchhoff's laws, to have an understanding of and an  | GR | LB | Lab                     |
| Spring 2022 | GER1010 | 1010  | Beginning German I          | GER | German                        | 3   | Communicative introduction to German structures and vocabulary and to Germanic culture. Practice in speaking, listening, reading and writing.                                 | UG | LE | Lecture                 |
| Spring 2022 | APS3010 | 3010  | Training &                  | APS | Applied                       | 3   | This course will emphasize the development of listening skills, public speaking skills,   | UG | LE | Lecture                 |
| Spring 2022 | PSI8430 | 8430  | Behav. & Cognitive          | PSI | Professional Psychology       | 3   | Provides students with the theoretical background, current research, and clinical applications of behavioral and cognitive therapies.   | GR | LE | Lecture                 |
| Spring 2022 | MKT7820 | 7820  | Mktg Analytics:             | MKT | Marketing                     | 3   | Explains the benefits of an analytical approach to marketing decision-making, and builds skills   | GR | LE | Lecture                 |
| Spring 2022 | EC4100  | 4100  | Math Models for Econ        | EC  | Economics                     | 3   | Application of mathematical tools in the formulation of economic theory.  | UG | LE | Lecture                 |
| Spring 2022 | SOC6820 | 6820  | Social                      | SOC | Sociology                     | 3   | Provides students with an understanding of social gerontology, its origins, and present   | GR | LE | Lecture                 |
| Spring 2022 | RHB7310 | 7310  | Treatment of                | RHB | Rehabilitation                | 12  | Theory and practice of a variety of treatment modalities and settings. Explores interdisciplinary   | GR | LE | Lecture                 |
| Spring 2022 | STT7670 | 7670  | Appl                        | STT | Statistics                    | 3   | Multiple linear regression with introduction to more complicated models, including nonlinear  | GR | LE | Lecture                 |
| Spring 2022 | NUR7352 | 7352  | Adv Clin Prac               | NUR | Nursing                       | 3   | Provides the nurse educator with advanced knowledge and experience with a selected client   | GR | CL | Clinical                |
| Spring 2022 | MGT4830 | 4830  | Independent Study           | MGT | Management                    | 1   | Independent study to explore an area of particular interest in management or international business.  | UG | IS | Independent Study       |
| Spring 2022 | MUE2670 | 2670  | Pep Band                    | MUE | Music: Ensembles              | 1   | Performs jazz, rock, and contemporary music at all home basketball games and for other campus activities. Audition required.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | EES1050 | 1050  | Dynamic Earth               | EES | Earth &                       | 4   | Processes that have shaped the earth from its origin until the present. Origin and evolution of   | UG | LE | Lecture                 |
| Spring 2022 | HST7120 | 7120  | Seminar in Af-Am History    | HST | History                       | 3   | Focuses on African diaspora in the Americas. Topics include the black experience in the United States and Latin America from the colonial period to the present. Topics vary. | GR | SE | Seminar                 |
| Spring 2022 | PHY1110 | 1110  | Principles of               | PHY | Physics                       | 4   | Fundamental physics of mechanics. Topics include laws of motion, work and energy,   | UG | LE | Lecture                 |

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|-------------|----------|-------|--------------------------|-----|-------------------------------|---|--|----|----|-------------------------|
| Spring 2022 | PLS4100  | 4100  | Political                | PLS | Political                     | 3 | Introduction to political psychology, emphasizing its application to international politics.   | UG | LE | Lecture                 |
| Spring 2022 | FAS2000  | 2000  | Intro to Food Science    | FAS | Food and Agricultural Systems | 3 | Overview of the food processing industry and basic concepts in food processing operations such as food components, chemistry and functionality, nutrition and quality.                             | UG | LE | Lecture                 |
| Spring 2022 | PHY4730  | 4730  | Mathematical Physics     | PHY | Physics                       | 3 | Survey of mathematical physics, including vector analysis, analytical mechanics, electromagnetism, and thermodynamics.   | UG | LE | Lecture                 |
| Spring 2022 | BIO1120  | 1120  | Cells and                | BIO | Biology                       | 4 | Introduction to basic concepts of biology. Topics include genetics and the molecular and   | UG | LE | Lecture                 |
| Spring 2022 | TH3730   | 3730  | MT History/Lit           | TH  | Theatre                       | 3 | Covers history of the Musical Theatre beginning with the Golden Age of the Musical in the mid-   | UG | LE | Lecture                 |
| Spring 2022 | OIS2150  | 2150  | Job Search/Port Dev      | OIS | Office Information Systems    | 3 | Job hunting skills, resume writing, interviewing techniques, and effective employment seeking skills.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | KNH1460B | 1460B | Rape Def Strat: Intermed | KNH | Kinesiology & Health          | 1 | Intermediate level of skills and knowledge in Rape Defense Strategies: Intermediate. Competency-based approach. Course may accommodate disabled students when appropriate.                         | UG | LB | Lab                     |
| Spring 2022 | CEG8920  | 8920  | Independent Study in CEG | CEG | Computer Engineering          | 1 | Independent study in computer engineering.   | GR | IS | Independent Study       |
| Spring 2022 | AFS3990  | 3990  | Special Topics           | AFS | Afr /Afr Amer Studies         | 3 | Selected topics relevant to historical and current issues in African and African American Studies  | UG | LE | Lecture                 |
| Spring 2022 | ENG6760  | 6760  | TESOL                    | ENG | English                       | 3 | Investigates key concepts and underlying theories in the field of language assessment. Looks   | GR | LE | Lecture                 |
| Spring 2022 | MUS4140  | 4140  | Intro to                 | MUS | Music                         | 3 | Methods of scholarly investigation in music  | UG | LE | Lecture                 |
| Spring 2022 | PLS4630  | 4630  | International Conflict   | PLS | Political Science             | 3 | Relationship of power, alliances, arms races, etc. to the initiation, prosecution, and aftermath of interstate war. Effects of an increasingly globalized world on war. Integrated Writing course. | UG | LE | Lecture                 |
| Spring 2022 | UVC1090  | 1090  | SD Prior Lrng            | UVC | University                    | 0 | Helps students identify areas of learning to have evaluated for college-level equivalency.   | UG | IS | Independent             |
| Spring 2022 | BIO4500  | 4500  | Clin Exercise Phys       | BIO | Biology                       | 5 | Use of exercise as it relates to the prevention of disease specific risk factors, the prevention of occurrence or reoccurrence of a disease-specific event.  | UG | LE | Lecture                 |
| Spring 2022 | SOC4091  | 4091  | Studies in               | SOC | Sociology                     | 1 | Problems, approaches, and topics in the field of sociology. Topics vary. Credits will not be   | UG | LE | Lecture                 |
| Spring 2022 | SPN4320  | 4320  | Sem in                   | SPN | Spanish                       | 3 | Intensive study of selected topics in Spanish-American literature. Background lectures, oral   | UG | SE | Seminar                 |
| Spring 2022 | ENG4780  | 4780  | Studies                  | ENG | English                       | 3 | Focus on theoretical issues and practical problems of teaching English to speakers of other  | UG | LE | Lecture                 |
| Spring 2022 | NUR7354  | 7354  | Eval Strategies Nur Educ | NUR | Nursing                       | 3 | Examination and application of the art, principles, theories, models, and strategies of evaluation in nursing education. Role of nurse educator in classroom and clinical is explored.             | GR | LE | Lecture                 |
| Spring 2022 | DOS9015  | 9015  | Leadership               | DOS | Doctor Org                    | 3 | Focus on historical and contemporary leadership models and theories, and current   | GR | LE | Lecture                 |
| Spring 2022 | GER4420  | 4420  | Hst German               | GER | German                        | 3 | History of the German language from the age of migration to the present. Linguistic and social   | UG | LE | Lecture                 |
| Spring 2022 | GR5510   | 5510  | Readings in              | GR  | Greek                         | 3 | Aeschylus, Sophocles, Euripides, Aristophanes, and Meander. Study of at least one play in  | GR | LE | Lecture                 |
| Spring 2022 | ENG7210  | 7210  | Teaching                 | ENG | English                       | 2 | Introduction to the theory and pedagogy of research writing and argumentation and the  | GR | LE | Lecture                 |
| Spring 2022 | ENG7430  | 7430  | Seminar:                 | ENG | English                       | 3 | Reading, research and discussion of current theories in the field of composition and rhetoric  | GR | SE | Seminar                 |
| Spring 2022 | ART4680  | 4680  | Adv Printmkg:            | ART | Art                           | 3 | Development of personalized concepts and individual aesthetic expression in printmaking.   | UG | LB | Lab                     |
| Spring 2022 | ANT7210  | 7210  | Human Microanatomy       | ANT | Anatomy                       | 3 | Detailed microanatomy of human cells, tissues, and organ systems.  | GR | LL | Lecture/Lab Combination |
| Spring 2022 | OL3990   | 3990  | Special Topics in OL     | OL  | Organizational Leadership     | 1 | Seminar in special topics such as women in leadership, leadership in the public sector, or non-profit leadership. Topics vary.   | UG | SE | Seminar                 |
| Spring 2022 | WGS3800  | 3800  | Selected                 | WGS | Women,                        | 3 | Issues, approaches, and topics in women's studies. Topics vary.<b> Department Managed  | UG | LE | Lecture                 |
| Spring 2022 | ECO5140  | 5140  | Evry Consmer             | ECO | Center for                    | 2 | The course explores consumer economic topics while assiting K-12 teachers with methods to  | GR | LL | Lecture/Lab             |
| Spring 2022 | PSY7020  | 7020  | Dsgn                     | PSY | Psychology                    | 4 | Continuation of PSY 7010.<b> Department Managed Prerequisite(s): Graduate level PSY 7010 Minimum Grade of D</b>  | GR | LL | Lecture/Lab Combination |
| Spring 2022 | ART5010  | 5010  | Independ Study in Art    | ART | Art                           | 1 | Special studies for qualified students. Intensive individually directed work in art with faculty consultation and supervision.   | GR | IS | Independent Study       |
| Spring 2022 | KNH1770B | 1770B | Water Safety Instruction | KNH | Kinesiology & Health          | 1 | National American Red Cross standards training for teaching American Red Cross Swimming and Diving and Water Safety courses.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | PHL5900  | 5900  | Topics in Phil of Religi | PHL | Philosophy                    | 3 | Examination of selected topics related to the philosophy of religion.  | GR | LE | Lecture                 |

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|-------------|----------|-------|-------------------------|-----|--------------------------------|-----|---|----|----|-------------------|
| Spring 2022 | MUS2250  | 2250  | Orchestral              | MUS | Music                          | 1   | This course will provide future instrumental music education majors with practical and artistic   | UG | LL | Lecture/Lab       |
| Spring 2022 | CEG6420  | 6420  | Host Computer           | CEG | Computer                       | 3   | This course introduces security hardening of a single system, and how to protect it when  | GR | LE | Lecture           |
| Spring 2022 | EE1000   | 1000  | Intro to EE             | EE  | Electrical                     | 1   | This course is designed to acquaint incoming Electrical Engineering and Engineering Physics   | UG | LE | Lecture           |
| Spring 2022 | CEG7580  | 7580  | Digital Image           | CEG | Computer                       | 3   | Image representation, sampling/quantization, spatial/frequency concepts, image  | GR | LE | Lecture           |
| Spring 2022 | ART5110  | 5110  | Study Ancient/Classical | ART | Art                            | 3   | General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary.   | GR | LE | Lecture           |
| Spring 2022 | MUS3250  | 3250  | Choral Conducting       | MUS | Music                          | 2   | Practical applications of conducting, teaching, and rehearsing in actual conducting situations with live performers.  | UG | LE | Lecture           |
| Spring 2022 | EES8990  | 8990  | Thesis                  | EES | Earth & Environmental Sciences | 0.5 | Supervised research and writing for a Master of Science thesis.   | GR | IS | Independent Study |
| Spring 2022 | ME2700   | 2700  | Struc&Prop of           | ME  | Mechanical                     | 3   | This course covers the fundamentals of the structures of solids and their effect on the   | UG | LE | Lecture           |
| Spring 2022 | EES6300  | 6300  | Environ Apps            | EES | Earth &                        | 4   | Study of the concepts, terminology, data models, and analytical functions of Geographic   | GR | LL | Lecture/Lab       |
| Spring 2022 | ANT6040  | 6040  | Biomedical              | ANT | Anatomy                        | 2   | Students must have completed Biomedical Review Article (ANT 6030) in order to take this   | GR | LE | Lecture           |
| Spring 2022 | EDL7711  | 7711  | Ldrshp Schl             | EDL | Educational                    | 3   | Develops strong base of understanding in organizational structure for skill building in   | GR | LE | Lecture           |
| Spring 2022 | EDL7510  | 7510  | Statistics and Research | EDL | Educational Leadership         | 3   | Introduction to basic statistical methods and data analysis for research and evaluation.  | GR | LE | Lecture           |
| Spring 2022 | MUS1140  | 1140  | Fund of                 | MUS | Music                          | 3   | Class instruction in functional music theory, sight-singing and musicianship skills, keyboard   | UG | LE | Lecture           |
| Spring 2022 | PSI9510  | 9510  | Dev.                    | PSI | Professional                   | 3   | Part one of a two-sequence course addressing infant through adolescent development;   | GR | LE | Lecture           |
| Spring 2022 | EC3450   | 3450  | Economics of Diversity  | EC  | Economics                      | 3   | Uses economic theory to explore the implications of ethnic, racial, religious and other kinds of diversity in the U.S. and globally.                                    | UG | LE | Lecture           |
| Spring 2022 | PLS4400  | 4400  | Constitutional Law      | PLS | Political Science              | 3   | Examines cases in which provisions of the constitution have been judicially interpreted. Also examines federal systems, separation of powers, and limits on government. | UG | LE | Lecture           |
| Spring 2022 | NUR4801  | 4801  | Nur Role for            | NUR | Nursing                        | 3   | Synthesis of concepts, theories, processes, issues of informatics, and models to facilitate a   | UG | LE | Lecture           |
| Spring 2022 | PSY7900  | 7900  | Independent Research    | PSY | Psychology                     | 1   | Research conducted under faculty supervision. Student must not have defended their Master's thesis yet.   | GR | IS | Independent Study |
| Spring 2022 | REL3540  | 3540  | Asian                   | REL | Religion                       | 3   | An examination of Asian religious perspectives (Confucianism, Daoism, Buddhism, and   | UG | LE | Lecture           |
| Spring 2022 | LE2990   | 2990  | Law Enforce             | LE  | Law                            | 3   | Course will provide an opportunity for the student to observe the criminal justice system in  | UG | IN | Internship        |
| Spring 2022 | MGT4820  | 4820  | Independent Readings    | MGT | Management                     | 1   | Classic and/or contemporary readings in management or international business.   | UG | IS | Independent Study |
| Spring 2022 | URS7070  | 7070  | MPA Capstone Project    | URS | Urban Affairs                  | 3   | Capstone research project for the master's degree in public administration.   | GR | IS | Independent Study |
| Spring 2022 | MLB4010  | 4010  | Topics in Med Lab Sci   | MLB | Medical Laboratory Science     | 0.5 | Advanced topics in medical laboratory science of current interest. Topics vary.   | UG | LB | Lab               |
| Spring 2022 | URS4320  | 4320  | Managing Volunteer Org  | URS | Urban Affairs                  | 3   | Management principles for volunteer organizations including program design, recruitment, retention, training, placement and assessment.                                 | UG | LE | Lecture           |
| Spring 2022 | CHM6350  | 6350  | Instrumental            | CHM | Chemistry                      | 3   | Introduction to the theory and practice of modern chemical instrumentation. Topics include  | GR | LE | Lecture           |
| Spring 2022 | ECE4010  | 4010  | ECE-Gen                 | ECE | Education -                    | 3   | Historical and underlying philosophy of the middle school concept based on the unique nature  | UG | LE | Lecture           |
| Spring 2022 | URS3210  | 3210  | City Politics           | URS | Urban Affairs                  | 3   | Overview of urban and metropolitan politics and problems. Examination of how cities and   | UG | LE | Lecture           |
| Spring 2022 | PSI8130  | 8130  | Intro to                | PSI | Professional                   | 3   | Overview of the administration, scoring, and interpretation of several projective techniques  | GR | LE | Lecture           |
| Spring 2022 | TH3390   | 3390  | Musical                 | TH  | Theatre                        | 3   | Exploration of the creation of large-scale musical works using acting, movement and vocal   | UG | ST | Studio            |
| Spring 2022 | BMS9900  | 9900  | Biomedical              | BMS | Biomedical                     | 0.5 | Convention of student body and faculty in biomedical sciences to learn, discuss, and critique   | GR | LE | Lecture           |
| Spring 2022 | PSY3730L | 3730L | Perception Methods Lab  | PSY | Psychology                     | 0   | Required laboratory for PSY 3730. Integrated Writing course.  | UG | LB | Lab               |
| Spring 2022 | FR5110   | 5110  | French Conversation     | FR  | French                         | 3   | Practice in oral use of French emphasizing the culture of the French-speaking world. Taught in French.  | GR | LE | Lecture           |
| Spring 2022 | COM2460  | 2460  | Organizational Comm     | COM | Communication                  | 3   | Nature and functions of communication in the organizational setting. Concepts and methods needed to assess and improve communication in organizations.                  | UG | LE | Lecture           |

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|-------------|----------|-------|------------------------------|-----|--------------------------------------|---|---|----|----|-------------|
| Spring 2022 | REL5210  | 5210  | Christianity                 | REL | Religion                             | 3 | Examination of the historical development of Christianity from biblical times to the present, with an emphasis on the diversity of religious beliefs, practices, and institutions.          | GR | LE | Lecture     |
| Spring 2022 | FR2010   | 2010  | Intermediate                 | FR  | French                               | 3 | Grammar review, reading, and discussion of selected texts and film shorts, with practice in   | UG | LE | Lecture     |
| Spring 2022 | ART2150  | 2150  | Foundations of               | ART | Art                                  | 3 | Introduction to art education. Approaches to aesthetic awareness; inquiries into theories of art,   | UG | LE | Lecture     |
| Spring 2022 | GR6550   | 6550  | Readings                     | GR  | Greek                                | 3 | Lysias, Demosthenes, Isocrates, Old Oligarch, Plato, Xenophon, and Aristotle. Topics include  | GR | LE | Lecture     |
| Spring 2022 | RHB3660  | 3660  | Wellness for                 | RHB | Rehabilitation                       | 3 | Importance of wellness and stress management to maximize their career potential in the social   | UG | LE | Lecture     |
| Spring 2022 | CEG7040  | 7040  | VLSI Testing                 | CEG | Computer                             | 3 | Design for testability of VLSI circuits. Topics include importance of testing, conventional test  | GR | LE | Lecture     |
| Spring 2022 | PHL2040  | 2040  | Great Books:                 | PHL | Philosophy                           | 3 | Selected great books in the history of Western philosophy chosen from each of three eras  | UG | LE | Lecture     |
| Spring 2022 | SOC6600  | 6600  | Sociology of                 | SOC | Sociology                            | 3 | Explores issues of sexual identity and sexual behavior. Also addresses how social institutions  | GR | LE | Lecture     |
| Spring 2022 | PSY6520  | 6520  | Prejudice<br>Research Cap    | PSY | Psychology                           | 3 | Discusses research on the topics of stereotyping, prejudice, discrimination, and related phenomena.   | GR | SE | Seminar     |
| Spring 2022 | ARA1020  | 1020  | Beginning                    | ARA | Arabic                               | 3 | Communicative introduction to Arabic. Study of the vocabulary and structure of the Arabic   | UG | LE | Lecture     |
| Spring 2022 | MIL4500  | 4500  | Advanced                     | MIL | Military                             | 2 | Independent study project on selected recent or current events that impact U.S. Army  | UG | IS | Independent |
| Spring 2022 | PPH7980  | 7980  | Public Hlth                  | PPH | Population &                         | 1 | This applied practice experience is a supervised applied public health learning experience in   | GR | PR | Practicum   |
| Spring 2022 | PHY6800  | 6800  | Classical<br>Mechanics       | PHY | Physics                              | 3 | Classical theoretical mechanics with emphasis on the mathematical basis of Lagrangian and Hamiltonian systems, and rotational dynamics.   | GR | LE | Lecture     |
| Spring 2022 | ASL2010  | 2010  | Intermediate                 | ASL | American Sign                        | 4 | An intermediate course in American Sign Language that continues to develop grammatical  | UG | LE | Lecture     |
| Spring 2022 | ECE4200  | 4200  | Math Methods                 | ECE | Education -                          | 3 | Curricula and materials for teaching early childhood mathematics emphasizing conceptual   | UG | LE | Lecture     |
| Spring 2022 | PHL3310  | 3310  | Modern                       | PHL | Philosophy                           | 3 | Classic texts and thinkers in political philosophy from the 16th century to the present. Topics   | UG | LE | Lecture     |
| Spring 2022 | EE6700   | 6700  | Introduction to              | EE  | Electrical                           | 3 | This course offers an overview of basic sensor technology to provide the engineering student  | GR | LE | Lecture     |
| Spring 2022 | HST4500  | 4500  | Latin American<br>History    | HST | History                              | 3 | Examines selected Latin American nations and regions (e.g., Mexico, Argentina) and particular topics (e.g., Authoritarianism) in detail. Topics vary. Integrated Writing course.            | UG | LE | Lecture     |
| Spring 2022 | ENG4700  | 4700  | TEFL Theory                  | ENG | English                              | 3 | Builds awareness of cultural similarities and differences and addresses the impact of cultural  | UG | LE | Lecture     |
| Spring 2022 | EES7480  | 7480  | Subsurface                   | EES | Earth &                              | 2 | Evaluating, analyzing, and interpreting hydraulic data, with particular emphasis on data from   | GR | LL | Lecture/Lab |
| Spring 2022 | BMS7080  | 7080  | Digital Signal               | BMS | Biomedical                           | 3 | Introduces principles and applications of digital signal processing (DSP) from the design and   | GR | LE | Lecture     |
| Spring 2022 | ME7060   | 7060  | Structural                   | ME  | Mechanical                           | 3 | Analyze the uncertainties associated with mechanical and structural design. Methods to model  | GR | LE | Lecture     |
| Spring 2022 | PLS4240  | 4240  | Amer Public                  | PLS | Political                            | 3 | Introduces students to public policy and the professional practice of policy analysis. Examines   | UG | LE | Lecture     |
| Spring 2022 | CHM4020  | 4020  | Environmental<br>Chemistry   | CHM | Chemistry                            | 3 | Environmental sampling and analysis using instrumental techniques. Chemical fate prediction by measurement and examination of physical and chemical properties.                             | UG | LE | Lecture     |
| Spring 2022 | ENG4830  | 4830  | Adv Fiction                  | ENG | English                              | 3 | Advanced practice in writing and revising fiction, refining craft and style, with the aim of  | UG | LE | Lecture     |
| Spring 2022 | EGR4980L | 4980L | Special Topics<br>in EGR Lab | EGR | Engineering                          | 0 | Required laboratory for EGR 4980.   | UG | LB | Lab         |
| Spring 2022 | FR6030   | 6030  | Adv Studies:                 | FR  | French                               | 3 | Course content will vary. Topic chosen by instructor. Conducted in French.<b> Department  | GR | LE | Lecture     |
| Spring 2022 | SPN2500  | 2500  | Int Span II                  | SPN | Spanish                              | 3 | Intensive course on the culture of Puerto Rico in which the classroom has no walls. On-site   | UG | LE | Lecture     |
| Spring 2022 | EC7100   | 7100  | Math Methods                 | EC  | Economics                            | 3 | This course will introduce students to the major mathematical methods that are used to  | GR | LE | Lecture     |
| Spring 2022 | ED6450   | 6450  | AYA Intern Pt                | ED  | Education                            | 1 | Candidates, mentored by a mathematics educator, shall assist in the planning, organizing,   | GR | IN | Internship  |
| Spring 2022 | LEP0150  | 0150  | List & Speak -<br>Level 1    | LEP | LEAP                                 | 0 | Listening, speaking and pronunciation for beginning level ESL students. This course has a fee that is non-refundable once the term begins.  | UG | LE | Lecture     |
| Spring 2022 | ECO5520  | 5520  | Entrepreneurs                | ECO | Center for                           | 2 | K-12 teachers are provided with a basic foundation to teach entrepreneurship; it is designed  | GR | LE | Lecture     |
| Spring 2022 | PSY8290  | 8290  | Learning w/                  | PSY | Psychology                           | 3 | This course will introduce students to the major perspectives and cross-disciplinary theories in  | GR | SE | Seminar     |
| Spring 2022 | EES6240  | 6240  | Oceanography                 | EES | Earth &<br>Environmental<br>Sciences | 3 | Introduction to the interrelated geology, physics, chemistry, and biology of the ocean.   | GR | LE | Lecture     |
| Spring 2022 | DAN2310  | 2310  | Intermediate<br>Jazz II      | DAN | Dance                                | 2 | Second-year intermediate jazz dance technique. Focus on technical diversity, musicality, artistry, and performance and on increasing body strength, flexibility, and kinesthetic awareness. | UG | ST | Studio      |
| Spring 2022 | NUR7611  | 7611  | Psych MH NP                  | NUR | Nursing                              | 7 | The focus is on comprehensive symptom assessment and diagnostic reasoning in the  | GR | LE | Lecture     |

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|-------------|---------|------|-----------------------------|-----|-------------------------------|---|---|----|----|-------------------------|
| Spring 2022 | EE8990  | 8990 | PhD Dissertation            | EE  | Electrical Engineering        | 1 | Research on the Ph.D. dissertation topic. Graded pass/unsatisfactory.   | GR | IS | Independent Study       |
| Spring 2022 | CEG4520 | 4520 | Sci Vis and Virt Env        | CEG | Computer Engineering          | 3 | Visualization approaches for different data types, using real-world data sets. Different usage modalities, including non-traditional input devices and display types.             | UG | LE | Lecture                 |
| Spring 2022 | FAS2030 | 2030 | Intro Animal Science        | FAS | Food and Agricultural Systems | 3 | Fundamentals of livestock production, including feeding and nutrition, reproductive physiology, selective breeding, health, management, and marketing of major and minor species. | UG | LL | Lecture/Lab Combination |
| Spring 2022 | BIO4700 | 4700 | General Entomology          | BIO | Biology                       | 4 | Basic biology of insects, including their morphology, physiology, life history, ecology, evolution and taxonomy.  | UG | LE | Lecture                 |
| Spring 2022 | SW7610  | 7610 | AS Prof Dev                 | SW  | Social Work                   | 3 | A forum for students to integrate field experience and social work knowledge and to maintain  | GR | LE | Lecture                 |
| Spring 2022 | SW2910  | 2910 | Data Analysis               | SW  | Social Work                   | 3 | Quantitative and qualitative analysis of social science research. Includes theory and   | UG | LE | Lecture                 |
| Spring 2022 | CLS3400 | 3400 | Art and Archaeology         | CLS | Classics                      | 3 | Greece in the Bronze Age; classical Greece and Rome; and selected areas of Greek and Roman art and archaeology. Integrated Writing course.  | UG | LE | Lecture                 |
| Spring 2022 | LEP0240 | 0240 | Integrated Skills - Level 2 | LEP | LEAP                          | 0 | Reading, vocabulary, listening, cross-cultural discussions for low-intermediate/intermediate ESL students. This course has a fee that is non-refundable once the term begins.     | UG | LE | Lecture                 |
| Spring 2022 | ECE4100 | 4100 | Science                     | ECE | Education -                   | 3 | Curricula and materials for teaching early childhood science with emphasis on using an  | UG | LE | Lecture                 |
| Spring 2022 | HST7815 | 7815 | Records and Info Management | HST | History                       | 3 | Examines traditional and emerging concepts, practices, and methodologies related to the management of records and information in a variety of institutional settings.             | GR | LE | Lecture                 |
| Spring 2022 | PHL5150 | 5150 | Philosophy of Language      | PHL | Philosophy                    | 3 | A study of major issues such as sense and reference, theories of meaning and truth, language games, nature of grammar and syntax, language and thought.                           | GR | LE | Lecture                 |
| Spring 2022 | MI4990  | 4990 | Problems in Microbiology    | MI  | Microbiology & Immunology     | 2 | Physiological and biochemical processes unique to microorganisms and the host response to microbes.   | UG | LE | Lecture                 |
| Spring 2022 | ME6840  | 6840 | Mat Sel for                 | ME  | Mechanical                    | 3 | Principles of materials-limited design. Lectures, case histories, open-ended assignments and  | GR | LE | Lecture                 |
| Spring 2022 | CS4900  | 4900 | Spec Topics in Comp Sci     | CS  | Computer Science              | 1 | Special Topics in Computer Science.   | UG | LE | Lecture                 |
| Spring 2022 | GER4100 | 4100 | Baroque                     | GER | German                        | 3 | Representative German authors of the period.<b> Department Managed Prerequisite(s):   | UG | LE | Lecture                 |
| Spring 2022 | ATH3400 | 3400 | Special Topics Biologica    | ATH | Anthropology                  | 3 | Surveys of various specialized aspects of biological anthropology.  | UG | LE | Lecture                 |
| Spring 2022 | PLS6160 | 6160 | Sex and the Law             | PLS | Political Science             | 3 | Addresses how government uses law to regulate sex as activity, expression, and identity.  | GR | LE | Lecture                 |
| Spring 2022 | EDS4690 | 4690 | Clinical Pract              | EDS | Education -                   | 3 | Use assessment data to plan and implement remediation in a school setting. Write  | UG | LE | Lecture                 |
| Spring 2022 | BIO6550 | 6550 | Plant Systematics           | BIO | Biology                       | 4 | The diversity of vascular plant species with an emphasis on angiosperms, phylogenetic relationships and methods, terminology pertinent to taxonomic classification and            | GR | LE | Lecture                 |
| Spring 2022 | PPH7530 | 7530 | Health                      | PPH | Population &                  | 2 | The course introduces principles and practices of communication in health systems settings.   | GR | LE | Lecture                 |
| Spring 2022 | BIO3160 | 3160 | Vertebrate                  | BIO | Biology                       | 4 | Basic structures of vertebrates: anatomy and functional morphology, major adaptations and   | UG | LE | Lecture                 |
| Spring 2022 | SW7650  | 7650 | SW Field Ed Seminar II      | SW  | Social Work                   | 1 | Integrates Field Education II experiences and coursework. Offered concurrently with advanced generalist fieldwork and competencies.   | GR | SE | Seminar                 |
| Spring 2022 | PSY9025 | 9025 | Intro to                    | PSY | Psychology                    | 2 | This course will introduce students to the use of MATLAB in psychological research. We will   | GR | LE | Lecture                 |
| Spring 2022 | PSY4370 | 4370 | Psychology of               | PSY | Psychology                    | 3 | Communication-intensive seminar integrating knowledge on theories, methods, and research  | UG | SE | Seminar                 |
| Spring 2022 | PHY7990 | 7990 | Minor                       | PHY | Physics                       | 1 | Students pursue a narrow topic on a tutorial basis or be trained in a specific laboratory or  | GR | IS | Independent             |
| Spring 2022 | NUR7720 | 7720 | Pri Cr to Age 2             | NUR | Nursing                       | 2 | This course is for students enrolled in the neonatal nurse practitioner concentration in the MS   | GR | LE | Lecture                 |
| Spring 2022 | PSI9620 | 9620 | Con & Inter in              | PSI | Professional                  | 3 | To provide students with explicit (textbook) and tacit (experiential) knowledge of behavioral   | GR | LE | Lecture                 |
| Spring 2022 | DAN4310 | 4310 | Pointe Class                | DAN | Dance                         | 1 | Emphasizes pointe work for the female dancer to develop strength on pointe for classical ballet.  | UG | ST | Studio                  |
| Spring 2022 | SPN3110 | 3110 | Spanish                     | SPN | Spanish                       | 3 | Practice in oral use of Spanish emphasizing the culture of the Hispanic world.<b> Department  | UG | LE | Lecture                 |
| Spring 2022 | EDS6080 | 6080 | Dysl Multi                  | EDS | Education -                   | 3 | Provides insight/in-depth knowledge regarding dyslexia: history, theory, brain-based research,  | GR | LE | Lecture                 |
| Spring 2022 | BMS7462 | 7462 | Rehab Eng Computers II      | BMS | Biomedical Sciences           | 3 | Continuation of BMS 7461. Focuses on development of computer application programs and assistive devices for people with disabilities.   | GR | LE | Lecture                 |
| Spring 2022 | SW3750  | 3750 | Hum Behav                   | SW  | Social Work                   | 3 | Analysis of groups, systems,and community organizations in order to guide assessment,   | UG | LE | Lecture                 |

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|-------------|----------|-------|--------------------------|-----|---------------------------|-----|--|----|----|-------------------|
| Spring 2022 | MTE6400  | 6400  | History of               | MTE | Mathematics               | 3   | Mathematics as an on-going human activity. Historical development and contributions from   | GR | LE | Lecture           |
| Spring 2022 | MI6750   | 6750  | Pathogenic               | MI  | Microbiology &            | 4   | (Also listed as BMS 7750) This advanced level course will expand the knowledge of basic  | GR | LE | Lecture           |
| Spring 2022 | KNH1060B | 1060B | Backpacking              | KNH | Kinesiology & Health      | 1   | Fundamental skills and knowledge of Backpacking. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab               |
| Spring 2022 | PLS4770  | 4770  | International            | PLS | Political                 | 3   | Examines the competing theoretical perspectives on international organization and analyzes   | UG | LE | Lecture           |
| Spring 2022 | MI4200   | 4200  | Neu-ImmSys               | MI  | Microbiology &            | 3   | Multidirectional interactions between the nervous and immune systems have been   | UG | LE | Lecture           |
| Spring 2022 | ME7750   | 7750  | Adv Egr                  | ME  | Mechanical                | 3   | This course will define and explain crystalline structure of materials, different types of   | GR | LE | Lecture           |
| Spring 2022 | LEP0010  | 0010  | Writing - Pre-LEAP       | LEP | LEAP                      | 0   | Writing for low-beginning ESL students. This course has a fee that is non-refundable once the term begins.   | UG | LE | Lecture           |
| Spring 2022 | CS5200   | 5200  | Theory of                | CS  | Computer                  | 3   | Introduction to the theory of formal languages and automata with an emphasis on the classes  | GR | LE | Lecture           |
| Spring 2022 | MLB4411  | 4411  | Hemostasis               | MLB | Medical                   | 0.5 | Blood vessel contraction, platelet activation and formation, and activation of coagulation   | UG | LB | Lab               |
| Spring 2022 | ME4182   | 4182  | Metal Addtv              | ME  | Mechanical                | 1.5 | Covers the processing science of metal additive manufacturing technologies including the   | UG | LE | Lecture           |
| Spring 2022 | FR6930   | 6930  | Franco-                  | FR  | French                    | 3   | This course will examine the Americanization of selected French language films as a powerful   | GR | LE | Lecture           |
| Spring 2022 | COM3330  | 3330  | Persuasion & Rhet Theory | COM | Communication             | 3   | Delineation of the concept of persuasion together with an overview of general rhetorical theory. Preparation and presentation of persuasive communication. Integrated Writing course.  | UG | LE | Lecture           |
| Spring 2022 | CHI1020  | 1020  | Beginning                | CHI | Chinese                   | 3   | Communicative introduction to Chinese. Study of the vocabulary and structure of the Chinese  | UG | LE | Lecture           |
| Spring 2022 | REL5540  | 5540  | Asian RELS               | REL | Religion                  | 3   | An examination of Asian religious perspectives (Confucianism, Daoism, Buddhism, and  | GR | LE | Lecture           |
| Spring 2022 | ED4800   | 4800  | AYA Prof Seminar         | ED  | Education                 | 3   | Seminar accompanying AYA Student Teaching focusing on pedagogical content knowledge and the and completion of and submission of the edTPA.   | UG | SE | Seminar           |
| Spring 2022 | CS2570R  | 2570R | Recitation for MTH 2570  | CS  | Computer Science          | 1   | Recitation for MTH 2570.   | UG | RE | Recitation        |
| Spring 2022 | SPN6810  | 6810  | Ind Read Grad            | SPN | Spanish                   | 3   | Independent reading for graduate students.<b> Department Managed Prerequisite(s):  | GR | IS | Independent       |
| Spring 2022 | EE7490   | 7490  | Antenna                  | EE  | Electrical                | 3   | The course introduces the fundamental principles of antenna theory, covering radiation   | GR | LE | Lecture           |
| Spring 2022 | TMG2040  | 2040  | Fund of Management       | TMG | Technical Management      | 3   | Management skills, global management skills, organizational behavior, communication and technology management skills.  | UG | LE | Lecture           |
| Spring 2022 | ART3010  | 3010  | Independent Study in Art | ART | Art                       | 1   | Special studies and intensive individual work with faculty supervision.  | UG | IS | Independent Study |
| Spring 2022 | MIS3250  | 3250  | Analysis                 | MIS | Management                | 3   | Overview of system analysis and design methodologies. Topics include planning, SDLC,   | UG | LL | Lecture/Lab       |
| Spring 2022 | EE3030   | 3030  | Circuit Analysis II      | EE  | Electrical Engineering    | 3   | Circuit review, alternating current concepts, computer-aided circuit analysis, two-port networks, power.   | UG | LE | Lecture           |
| Spring 2022 | AFS3000  | 3000  | History of Africa        | AFS | Afr /Afr Amer Studies     | 3   | General introduction to African history. Covers the culture and history of the region from early time periods to the modern era.   | UG | LE | Lecture           |
| Spring 2022 | PSY8770  | 8770  | Org. Dev. & Change       | PSY | Psychology                | 2   | Overview of the systems approach to organizational diagnosis, planning, and intervention in human service organizations. Behavioral interventions are emphasized.                      | GR | SE | Seminar           |
| Spring 2022 | ATR4620  | 4620  | Adv Concepts in AT       | ATR | Athletic Training         | 3   | Advanced knowledge, skills and dispositions required of the entry-level Certified Athletic Trainer and application of that knowledge.  | UG | LE | Lecture           |
| Spring 2022 | ENG3440  | 3440  | Black Lit & Culture      | ENG | English                   | 3   | Representative works in English from the Black diaspora.   | UG | LE | Lecture           |
| Spring 2022 | P&N8990  | 8990  | Physiology Research      | P&N | Physiology & Neuroscience | 1   | Supervised thesis research.  | GR | IS | Independent Study |
| Spring 2022 | MTH4510  | 4510  | Modern Algebra I         | MTH | Mathematics               | 3   | Elementary number theory: divisibility, prime numbers, congruences, quadratic reciprocity, and number-theoretic functions. Introduction to rings, integral domains, and fields.        | UG | LE | Lecture           |
| Spring 2022 | ASM7572  | 7572  | Aerospace                | ASM | Aerospace                 | 2   | This is the second in a series of three courses designed to bridge traditional didactic  | GR | SE | Seminar           |
| Spring 2022 | ENG7200  | 7200  | Teaching College Comp I  | ENG | English                   | 3   | Introduction to the theory and pedagogy of college-level writing courses. Requires concurrent teaching or tutorial experience. Required of all first-year English teaching assistants. | GR | LE | Lecture           |
| Spring 2022 | NUR7613  | 7613  | Psych MH NP              | NUR | Nursing                   | 7   | The focus is on synthesis of knowledge and implementation of the role of the Psychiatric-  | GR | LE | Lecture           |
| Spring 2022 | EDL9950  | 9950  | Dist Lvl Lic Prog: Mdpt  | EDL | Educational Leadership    | 1   | Candidates explore various educational leadership topics/issues and their relationship to praxis.  | GR | SE | Seminar           |
| Spring 2022 | EDL8580  | 8580  | Advanced Ed              | EDL | Educational               | 3   | School district level interpretation of assessments, evaluation, accountability measures,  | GR | SE | Seminar           |



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|-------------|----------|-------|--------------------------|-----|--------------------------------|---|--|----|----|------------------------|
| Spring 2022 | CSD2870  | 2870  | CSD Practicum I          | CSD | Community Services Development | 1 | Application of theory and practice in Community Development/Services settings. Individual supervised learning experiences and on-site seminars under the direction of instructor and site staff. | UG | PR | Practicum              |
| Spring 2022 | BIO3150L | 3150L | Invertebrate Zoology Lab | BIO | Biology                        | 0 | Required laboratory for BIO 3150.  | UG | LB | Lab                    |
| Spring 2022 | FIN4810  | 4810  | Internship in Finance    | FIN | Finance                        | 1 | Faculty-supervised internship in finance. Students work in a firm or public agency, participate in seminars, and submit reports. Topics vary.  | UG | IN | Internship             |
| Spring 2022 | ECE3750  | 3750  | Writing                  | ECE | Education -                    | 3 | The study of writing development, writing theory, writing genres, writing assessment,  | UG | LE | Lecture                |
| Spring 2022 | PHY1050L | 1050L | How Things               | PHY | Physics                        | 1 | Experiments illustrating the physics of everyday scientific and technological phenomena and  | UG | LB | Lab                    |
| Spring 2022 | MUE2930  | 2930  | University Men's Chorale | MUE | Music: Ensembles               | 1 | Development of advanced choral and vocal skills. Emphasis on advanced choral literature from a wide range of historical and compositional styles. Audition required.                             | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | WGS6000  | 6000  | Topics Gender/Sexuality  | WGS | Women, Gender, and Sexuality   | 3 | Issues, approaches, and topics in the field of gender and sexuality studies. Titles and topics vary.   | GR | LE | Lecture                |
| Spring 2022 | PHL4720  | 4720  | Philosophy of            | PHL | Philosophy                     | 3 | Analysis of views concerning concept and theory formation in the social sciences, problems in  | UG | LE | Lecture                |
| Spring 2022 | MUA1410  | 1410  | Applied Music            | MUA | Music: Applied Music           | 4 | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.   | UG | IS | Independent Study      |
| Spring 2022 | ASL3010  | 3010  | Deaf Culture &           | ASL | American Sign                  | 3 | Major concepts and issues in the field of deafness, integrating the disciplines of history,  | UG | LE | Lecture                |
| Spring 2022 | ATR3840  | 3840  | Lower Body Assessment    | ATR | Athletic Training              | 2 | Clinical/practicum emphasizing lower body injury assessment skills.  | UG | CL | Clinical               |
| Spring 2022 | PHY3710  | 3710  | Analytical               | PHY | Physics                        | 3 | Problems in the dynamics of motion in one, two and three Dimensions. Mathematical and  | UG | LE | Lecture                |
| Spring 2022 | LE1140   | 1140  | Police                   | LE  | Law                            | 3 | Ohio Police Training Academy curriculum. Intermediate policing problems and procedures.  | UG | LL | Lecture/Lab            |
| Spring 2022 | EGR5350  | 5350  | Tech Comm                | EGR | Engineering                    | 3 | A modular approach to oral and written communication of complex technical information to an  | GR | LE | Lecture                |
| Spring 2022 | PPH7040  | 7040  | Social&Beh               | PPH | Population &                   | 3 | This course addresses the socio-ecological and behavioral theories of health behavior and  | GR | LE | Lecture                |
| Spring 2022 | URS6500  | 6500  | Issues in Metro Planning | URS | Urban Affairs                  | 3 | Examination of a range of topics related to planning metropolitan environments. Topics include housing, growth and regionalism.  | GR | LE | Lecture                |
| Spring 2022 | TH2190   | 2190  | Stage Lighting I         | TH  | Theatre                        | 3 | Introduction to the principles, theories and mechanics of theatrical lighting design Includes instruments, control, dimming, basic electricity and lighting paperwork.                           | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | EES4570  | 4570  | Site Remed &             | EES | Earth &                        | 3 | Physical, chemical, and biological methods used to remediate contamination in soils and  | UG | LE | Lecture                |
| Spring 2022 | MUE4930  | 4930  | University Men's Chorale | MUE | Music: Ensembles               | 1 | Development of advanced choral and vocal skills. Emphasis on advanced choral literature from a wide range of historical and compositional styles. Audition required.                             | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | CEG8930  | 8930  | PhD Qualifying Exam      | CEG | Computer Engineering           | 1 | Examination that tests understanding of the fundamentals necessary to begin concentrated study in a chosen Ph.D. research area.  | GR | IS | Independent Study      |
| Spring 2022 | PHL4200  | 4200  | Symbolic Logic II        | PHL | Philosophy                     | 3 | Standard notations, principles of inference, formal systems, and methods of proof. Focus on first-order predicate logic. Students who have taken PHL 3230 cannot take PHL 4200.                  | UG | LE | Lecture                |
| Spring 2022 | PLS6824  | 6824  | Local/City Internship    | PLS | Political Science              | 3 | Intern 12-15 hours per week in a local governmental office. Jobs include working with city managers, mayors, and other city leaders to meet local needs and help with specific projects.         | GR | IN | Internship             |
| Spring 2022 | FAS2010  | 2010  | Agricultural             | FAS | Food and                       | 3 | Fundamentals of economic issues relevant to the agricultural industry. Topics include  | UG | LL | Lecture/Lab            |
| Spring 2022 | HPR2430  | 2430  | Motor Dev & Learning     | HPR | Health Phy Educ & Recreation   | 4 | Examination of the factors influencing the development, performance and learning of motor skills.  | UG | LE | Lecture                |
| Spring 2022 | NUR7351  | 7351  | Curriculum Development   | NUR | Nursing                        | 3 | Analysis of learning theories and models of nursing curriculum design. Development and evaluation of nursing curriculum and educational programs.  | GR | LE | Lecture                |
| Spring 2022 | PLS4030  | 4030  | Campaigns and Elections  | PLS | Political Science              | 3 | American political electoral institutions and processes, and campaigns. Emphasis on readings, discussion, and research. Integrated Writing course.   | UG | LE | Lecture                |
| Spring 2022 | PHY1010  | 1010  | Undergrad Phy            | PHY | Physics                        | 1 | Provides undergraduate physics majors with an introduction to the course load, faculty,  | UG | SE | Seminar                |
| Spring 2022 | BIO7000  | 7000  | Prin Instruction Biology | BIO | Biology                        | 1 | Survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction.   | GR | LE | Lecture                |
| Spring 2022 | TH3760   | 3760  | Design Studio            | TH  | Theatre                        | 2 | Study of theatrical costume, scenery, lighting and/or sound design. Includes theoretical and practical design work with an emphasis in the area of interest.                                     | UG | ST | Studio                 |

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|-------------|----------|-------|----------------------------------|-----|--------------------------------------|---|---|----|----|----------------------------|
| Spring 2022 | EES1030L | 1030L | Paleobiology<br>Dinosaurs Lab    | EES | Earth &<br>Environmental<br>Sciences | 0 | Required laboratory for EES 1030.   | UG | LB | Lab                        |
| Spring 2022 | RHB2010  | 2010  | Intro to Rehab                   | RHB | Rehabilitation                       | 3 | Philosophy, history and legislation of rehabilitation services and career options. Students visit   | UG | LE | Lecture                    |
| Spring 2022 | REL6930  | 6930  | Seminar in<br>Religion           | REL | Religion                             | 3 | Intensive study and discussion of a significant topic in religious studies. Students will conduct semester long projects culminating in a seminar paper. Titles vary.                           | GR | SE | Seminar                    |
| Spring 2022 | ARA4210  | 4210  | Intro to Media                   | ARA | Arabic                               | 3 | A course designed to give students a foundation in the language and style of modern Arabic  | UG | LE | Lecture                    |
| Spring 2022 | EES4480  | 4480  | Plate<br>Tectonics               | EES | Earth &<br>Environmental<br>Sciences | 3 | History and development of the theory of plate tectonics with an emphasis upon the particular needs of the educator.  | UG | LL | Lecture/Lab<br>Combination |
| Spring 2022 | ED5070   | 5070  | MCE Gen                          | ED  | Education                            | 3 | Methods for teaching middle level mathematics pertinent to the Ohio Learning Standards with   | GR | LE | Lecture                    |
| Spring 2022 | TH2100   | 2100  | Theatre<br>Technology            | TH  | Theatre                              | 2 | Participation in the operation of a production shop. Fundamentals of theatre technology, emphasizing basic processes and materials. Participation in selected department productions required.  | UG | LB | Lab                        |
| Spring 2022 | PLS6550  | 6550  | Politics of Iraq                 | PLS | Political<br>Science                 | 3 | Traces recent political history of Iraq since its formation in 1920s. Examines reasons for recent war and implications for Iraq's political future  | GR | SE | Seminar                    |
| Spring 2022 | MIS7800  | 7800  | Mgt of Tech                      | MIS | Management                           | 3 | Introduction to state-of-the-art service management thinking. Provides an understanding of the  | GR | LE | Lecture                    |
| Spring 2022 | PSY3230  | 3230  | Cognition &<br>Learning Mth      | PSY | Psychology                           | 4 | Laboratory research in various areas of cognitive psychology. Integrated Writing course.  | UG | LE | Lecture                    |
| Spring 2022 | CHM7350  | 7350  | Analytical                       | CHM | Chemistry                            | 1 | A selected topic in the field of analytical chemistry such as chromatography, electroanalytical   | GR | LE | Lecture                    |
| Spring 2022 | PHL5830  | 5830  | Faith &<br>Reason                | PHL | Philosophy                           | 3 | Issues in the philosophy of religion. Topics vary.  | GR | LE | Lecture                    |
| Spring 2022 | CHM4680  | 4680  | Experimental                     | CHM | Chemistry                            | 3 | Laboratory experiments include fabrication of nanomaterials such as metal nanoparticles and   | UG | LB | Lab                        |
| Spring 2022 | PLS4440  | 4440  | Topics<br>Criminal<br>Justice    | PLS | Political<br>Science                 | 3 | Problems, approaches, and topics in the field of criminal justice. Topics vary. Integrated Writing course.  | UG | LE | Lecture                    |
| Spring 2022 | AED6780  | 6780  | MA: Visual                       | AED | Art Education                        | 3 | Theoretical / practical methods of teaching multi-age visual arts. Integration of artistic and  | GR | LE | Lecture                    |
| Spring 2022 | REL3310  | 3310  | Introduction to<br>Islam         | REL | Religion                             | 3 | Origin and development of Islam, including contemporary issues.   | UG | LE | Lecture                    |
| Spring 2022 | MIS3000  | 3000  | Fundamentals                     | MIS | Management                           | 3 | Introduces contemporary information systems and how they add value throughout the global  | UG | LL | Lecture/Lab                |
| Spring 2022 | CHM6020L | 6020L | Adv Environ<br>Chm & Anal<br>Lab | CHM | Chemistry                            | 0 | Required laboratory for CHM 6020.   | GR | LB | Lab                        |
| Spring 2022 | ATH3310  | 3310  | Human                            | ATH | Anthropology                         | 3 | Review of the fossil and archaeological records and the genetic evidence for human evolution,   | UG | LE | Lecture                    |
| Spring 2022 | PHL5020  | 5020  | Medieval<br>Philosophy           | PHL | Philosophy                           | 3 | History of philosophy from Augustine to Ockham. Topics vary.  | GR | LE | Lecture                    |
| Spring 2022 | LDR7050  | 7050  | Moral<br>Leadership              | LDR | Leadership                           | 3 | This course focuses on the foundations of moral leadership including ethics, social justice and authenticity.   | GR | LE | Lecture                    |
| Spring 2022 | ENG3530  | 3530  | Young Adult<br>Literature        | ENG | English                              | 3 | Introduction to various genres of young adult literature with an emphasis on the selection and analysis of books for adolescents.   | UG | LE | Lecture                    |
| Spring 2022 | EDS3320  | 3320  | Teaching                         | EDS | Education -                          | 3 | Interpreting information for identification/placement of individuals with exceptional learning  | UG | LE | Lecture                    |
| Spring 2022 | SW7620   | 7620  | SW Field Ed II                   | SW  | Social Work                          | 2 | Completion of 300 hours of field education experience in the community. Provides the  | GR | IN | Internship                 |
| Spring 2022 | EES2550L | 2550L | Earth History<br>Lab             | EES | Earth &<br>Environmental<br>Sciences | 0 | Required laboratory for EES 2550.   | UG | LB | Lab                        |
| Spring 2022 | BME4550  | 4550  | Bioinstrumenta<br>tion           | BME | Biomedical<br>Engineering            | 4 | Various electrodes, transducers, chemical sensors, special circuits, devices and methods for measuring biological signals and variables; therapeutic and prosthetic devices; electrical safety. | UG | LE | Lecture                    |
| Spring 2022 | CHM1070  | 1070  | Chemistry:                       | CHM | Chemistry                            | 4 | Examines gaseous and liquid states and thermochemistry as a basis for understanding air and   | UG | LE | Lecture                    |

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|-------------|----------|-------|-------------------------------|-----|---------------------------------|-----|---|----|----|-------------------|
| Spring 2022 | IDL7240  | 7240  | Trend Instruction Design&Tech | IDL | Instructional Design & Learning | 3   | Students will explore literature reviews in the field of instructional technology and instructional design.   | GR | LE | Lecture           |
| Spring 2022 | EDL8530  | 8530  | Advanced Ed                   | EDL | Educational                     | 3   | Multivariate analysis including analysis of variance-factorial designs, repeated measures,  | GR | LE | Lecture           |
| Spring 2022 | ARA3980  | 3980  | Studies in                    | ARA | Arabic                          | 1   | Individual research project approved and supervised by a full-time faculty member. Taught in  | UG | LE | Lecture           |
| Spring 2022 | FAS2400  | 2400  | Food Microbiology             | FAS | Food and Agricultural Systems   | 3   | Microorganisms of importance to the food industry: their characteristics, utilization and control.  | UG | LE | Lecture           |
| Spring 2022 | PLS6440  | 6440  | Topics Criminal Justice       | PLS | Political Science               | 3   | Problems, approaches, and topics in the field of criminal justice and legal studies. Topics vary.   | GR | LE | Lecture           |
| Spring 2022 | URS3000  | 3000  | Intro to                      | URS | Urban Affairs                   | 3   | Interdisciplinary introduction to the field of urban studies. Examines the evolution of the social,   | UG | LE | Lecture           |
| Spring 2022 | STT3866  | 3866  | Actuarial Prob                | STT | Statistics                      | 1   | Seminar course that assists students who wish to prepare to sit for the Society of Actuaries  | UG | SE | Seminar           |
| Spring 2022 | TH4370   | 4370  | Musical Actor Seminar         | TH  | Theatre                         | 3   | Mastery of professional placement and career development skills in musical theatre and other acting professions. Includes preparation of varied audition selections and promotional materials.        | UG | SE | Seminar           |
| Spring 2022 | ME3870   | 3870  | Machining                     | ME  | Mechanical                      | 3   | Fundamentals of machining with an emphasis on engineering models of machinability, chip   | UG | LE | Lecture           |
| Spring 2022 | BIO7020  | 7020  | Intro Research                | BIO | Biology                         | 1   | The class will emphasize building talents and skills required to succeed in the Biology M.S.  | GR | LE | Lecture           |
| Spring 2022 | MTH3990  | 3990  | Selected Topics in Math       | MTH | Mathematics                     | 1   | Selected topics in mathematics.   | UG | IS | Independent Study |
| Spring 2022 | EE5260   | 5260  | Random                        | EE  | Electrical                      | 3   | Provides a practical introduction to the concepts of random events, characterization of   | GR | LE | Lecture           |
| Spring 2022 | PTX7200  | 7200  | Biokinetics/Bio dynamics      | PTX | Pharmacology/ Toxicology        | 3   | The course will track the absorption, distribution, inactivation and elimination of drugs and toxins. It will also present the principles of drug/toxin actions which underly their observed effects. | GR | LE | Lecture           |
| Spring 2022 | CEG4750  | 4750  | Information                   | CEG | Computer                        | 3   | A comprehensive study of security vulnerabilities in information systems and the basic  | UG | LE | Lecture           |
| Spring 2022 | BIO6720  | 6720  | Ornithology                   | BIO | Biology                         | 4   | This class is an introduction to the world of birds. We will cover the whole range of scales  | GR | LE | Lecture           |
| Spring 2022 | FR3210   | 3210  | Writing in                    | FR  | French                          | 3   | Writing techniques and grammar review; emphasis on storytelling. Taught in French.  | UG | LE | Lecture           |
| Spring 2022 | KNH1420A | 1420A | Orienteering/L and Nav        | KNH | Kinesiology & Health            | 1   | Fundamental skills and knowledge of Orienteering/Land Navigation. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab               |
| Spring 2022 | EC4090   | 4090  | Intro. to                     | EC  | Economics                       | 3   | How to use statistical techniques to manage and analyze data, formulation and estimation of   | UG | LE | Lecture           |
| Spring 2022 | RHB6700  | 6700  | Rehab Workshop                | RHB | Rehabilitation                  | 1   | Workshop courses to meet the needs of rehabilitation professionals as well as providing courses on as needed basis to meet special interest needs. Titles vary.                                       | GR | SE | Seminar           |
| Spring 2022 | PLS4340  | 4340  | Political Leadership          | PLS | Political Science               | 3   | Development of political attitudes and values among leaders, activists, and the public. Relationship between personality, political leadership, behavior, and policy. Integrated Writing course.      | UG | LE | Lecture           |
| Spring 2022 | KNH1290A | 1290A | H2O Zumba                     | KNH | Kinesiology & Health            | 1   | Fundamental skills and knowledge of H2O Zumba. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab               |
| Spring 2022 | JPN2010  | 2010  | Intermediate                  | JPN | Japanese                        | 3   | Continued study of the Japanese language. Grammar and vocabulary review with practice in  | UG | LE | Lecture           |
| Spring 2022 | ENG3810  | 3810  | Antioch Writers Workshop      | ENG | English                         | 3   | Participation in the one-week summer Antioch Writers' Workshop and preparation of a portfolio of polished creative writing.   | UG | LE | Lecture           |
| Spring 2022 | FAS2810  | 2810  | Intro Precision               | FAS | Food and                        | 3   | Introduction to precision agriculture. Topics include rate controllers, monitors, weather   | UG | LL | Lecture/Lab       |
| Spring 2022 | LAT4530  | 4530  | Roman History and Bio         | LAT | Latin                           | 3   | Readings in Latin focusing on prose narrative in history and biography. Authors include Sallust, Livy, Tacitus, and Suetonius.  | UG | LE | Lecture           |
| Spring 2022 | CRT2030  | 2030  | Probation and                 | CRT | Corrections                     | 3   | Comprehensive, up to date, evidence-based practices and research for probation, release   | UG | LE | Lecture           |
| Spring 2022 | MBA5400  | 5400  | Survey of Law                 | MBA | MBA                             | 1.5 | Course offers MBA students without prior course work in business law a survey of topics   | GR | LE | Lecture           |
| Spring 2022 | ART3040  | 3040  | Studies in Art                | ART | Art                             | 3   | Problems and approaches to art and art history. Includes cross-period and interdisciplinary   | UG | LE | Lecture           |
| Spring 2022 | CS6700   | 6700  | Database                      | CS  | Computer                        | 3   | Logical and physical aspects of database management systems are surveyed. Data models   | GR | LL | Lecture/Lab       |
| Spring 2022 | APS4260  | 4260  | Trends Issues in Health Care  | APS | Applied Studies                 | 3   | This course provides a foundation in Health Services Administration. The course introduces students to the structure and functions of the US Health Care System.                                      | UG | SP | Self-Paced        |

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| Spring 2022 | EE7840  | 7840 | Computer                 | EE  | Electrical           | 3 | Algorithms for low- and mid-level vision, including noise filtering, edge detection, image  | GR | LE | Lecture                |
| Spring 2022 | BIO8000 | 8000 | Graduate Seminar         | BIO | Biology              | 1 | Topics vary but will include extensive discussion of primary, research literature.  | GR | SE | Seminar                |
| Spring 2022 | REL5900 | 5900 | Topics in Phil of Relig  | REL | Religion             | 3 | Examination of selected topics related to the philosophy of religion.   | GR | LE | Lecture                |
| Spring 2022 | MKT7100 | 7100 | Digital                  | MKT | Marketing            | 3 | This course highlights key fundamentals of successful integrated online/offline marketing with  | GR | LE | Lecture                |
| Spring 2022 | MUS7330 | 7330 | Analytical Techniques I  | MUS | Music                | 3 | Presentation of materials to help students develop skills to analyze core works in the Western musical tradition from the early Medieval period through the early Classical period. | GR | LE | Lecture                |
| Spring 2022 | CEG5120 | 5120 | Design of Info           | CEG | Computer             | 3 | Uses modern language features and software development practices to design and develop a  | GR | LE | Lecture                |
| Spring 2022 | ED6650  | 6650 | AYA: Int Math            | ED  | Education            | 3 | This course will examine curriculum, methods, and materials in the teaching of mathematics  | GR | LE | Lecture                |
| Spring 2022 | PLS6890 | 6890 | Foreign                  | PLS | Political            | 1 | Learn about foreign service and prepare for the U.S. foreign service exam. Will review  | GR | SE | Seminar                |
| Spring 2022 | KNH8990 | 8990 | Phys Ed                  | KNH | Kinesiology &        | 1 | Under the supervision of a thesis committee and chair, students select a physical education   | GR | IS | Independen             |
| Spring 2022 | ART2310 | 2310 | Painting for             | ART | Art                  | 3 | Introduction to the materials, techniques, concepts and practice of painting. Using acrylic paint,  | UG | ST | Studio                 |
| Spring 2022 | ME6170  | 6170 | Mechanics of             | ME  | Mechanical           | 3 | The main objective of this course is to introduce composites as an engineering material and   | GR | LE | Lecture                |
| Spring 2022 | EE5310  | 5310 | Devices and              | EE  | Electrical           | 3 | Introduction to, theory of and application of basic solid-state electron devices for discrete and   | GR | LE | Lecture                |
| Spring 2022 | BIO4760 | 4760 | Hum Parasites            | BIO | Biology              | 3 | Surveys parasites of humans worldwide with emphasis on those that occur in North and  | UG | LE | Lecture                |
| Spring 2022 | NEU3200 | 3200 | How Nerv Sys             | NEU | Neuroscience         | 4 | How the nervous system works among and between neural networks to elicit behavioral   | UG | LE | Lecture                |
| Spring 2022 | ED6660  | 6660 | AYA: Int                 | ED  | Education            | 3 | Methods, curriculum, and materials for teaching adolescent school science: emphasis on  | GR | LE | Lecture                |
| Spring 2022 | PTX8060 | 8060 | Six Sigma,               | PTX | Pharmacology/        | 3 | This course is an introduction to the tools and techniques of the lean six sigma philosophy of  | GR | LE | Lecture                |
| Spring 2022 | REL3760 | 3760 | The Four                 | REL | Religion             | 3 | Literary and historical study of the four Gospels in the Christian Bible, aiming to discern their   | UG | LE | Lecture                |
| Spring 2022 | PHL5100 | 5100 | American Philosophy      | PHL | Philosophy           | 3 | A look at the American Pragmatist tradition from Peirce, James and Dewey to more recent American philosophers such as Quine, Davidson, Putnam and Rorty.                            | GR | LE | Lecture                |
| Spring 2022 | EDL9880 | 9880 | Research &               | EDL | Educational          | 3 | Practical applications and issues in research; research design and methodology, sampling  | GR | LE | Lecture                |
| Spring 2022 | MUS6020 | 6020 | Intro Res In             | MUS | Music                | 3 | A comprehensive introduction to research in Music Education and its value and contribution to   | GR | LE | Lecture                |
| Spring 2022 | MUS2260 | 2260 | Band Methods-Voice/Str.  | MUS | Music                | 1 | The course is designed to give vocal and string music education majors a foundation in wind and percussion pedagogy, band teaching techniques, methodology, and resources.          | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | BMS7630 | 7630 | NMR Spectro              | BMS | Biomedical           | 3 | Also listed as BMS 7630 and BME 7134. Discusses the applications of NMR spectroscopy to   | GR | LE | Lecture                |
| Spring 2022 | EE3310  | 3310 | Devices and              | EE  | Electrical           | 3 | Introduction to basic solid-state electronic devices for discrete and integrated circuits. Major  | UG | LE | Lecture                |
| Spring 2022 | REL3300 | 3300 | Topics in Islam          | REL | Religion             | 3 | Problems, approaches, and topics in the field of Islam. Topics vary.  | UG | LE | Lecture                |
| Spring 2022 | URS4300 | 4300 | Nonprofit                | URS | Urban Affairs        | 3 | Examines the organizational and managerial foundations of nonprofit organizations. Explores   | UG | LE | Lecture                |
| Spring 2022 | PSY7010 | 7010 | Dsgn & Quant             | PSY | Psychology           | 4 | The foundation of experimental design and quantitative techniques will be developed.  | GR | LL | Lecture/Lab            |
| Spring 2022 | KNH1260 | 1260 | H2O Deep Conditioning    | KNH | Kinesiology & Health | 1 | Fundamental skills and knowledge of H2O Deep Conditioning. Competency-based approach. Course may accommodate disabled students when appropriate.                                    | UG | LB | Lab                    |
| Spring 2022 | CEG4322 | 4322 | VLSI Design              | CEG | Computer             | 3 | Introduction to VLSI system and subsystem design. Topics include CMOS devices and circuit   | UG | LE | Lecture                |
| Spring 2022 | CHI3810 | 3810 | Elem Chinese             | CHI | Chinese              | 1 | Chinese students assist elementary course instructors in conducting classes. Taught in  | UG | LE | Lecture                |
| Spring 2022 | EGR8950 | 8950 | Dissertation             | EGR | Engineering          | 1 | Graded pass/unsatisfactory.   | GR | IS | Independen             |
| Spring 2022 | ASM1717 | 1717 | Humans&Mac               | ASM | Aerospace            | 4 | Introduction and overview of the multiple facets of aerospace medicine, the history of aviation   | UG | LL | Lecture/Lab            |
| Spring 2022 | EDS6095 | 6095 | Pract I                  | EDS | Education -          | 1 | Administration and interpretation of assessments to plan, implement, and communicate  | GR | PR | Practicum              |
| Spring 2022 | ART2430 | 2430 | Non-Western              | ART | Art                  | 3 | Geographical and chronological survey of the art of non-western cultures. Develops and  | UG | LE | Lecture                |
| Spring 2022 | HST7700 | 7700 | Research in Local Hist   | HST | History              | 3 | Defines and discusses the origin and development of local history. Identification, location and use of primary and secondary sources on a variety of local history topics.          | GR | LE | Lecture                |
| Spring 2022 | BMS7370 | 7370 | Thermodynamics           | BMS | Biomedical Sciences  | 2 | Fundamentals of chemical thermodynamics; first, second, and third laws; applications to solutions.  | GR | LE | Lecture                |
| Spring 2022 | LDR7090 | 7090 | Org. Intent &            | LDR | Leadership           | 3 | This course focuses on theoretical and practical models for understanding international and   | GR | LE | Lecture                |
| Spring 2022 | EDS6570 | 6570 | Inst & Beh               | EDS | Education -          | 3 | Prepares intervention specialists and other professionals to meet the instructional and   | GR | LE | Lecture                |
| Spring 2022 | LE1010  | 1010 | Criminal Law for Law Enf | LE  | Law Enforcement      | 3 | Administrative structure, procedures, and policies of various law enforcement organizations. Review personnel regulations and professional development.                             | UG | LE | Lecture                |

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| Spring 2022 | TMG2100  | 2100  | Personnel                | TMG | Technical                    | 3 | Characteristics, purposes, objectives, and techniques of supervision and coordination of the  | UG | LE | Lecture                |
| Spring 2022 | CNL7270  | 7270  | Coun Life-Span Develop   | CNL | Counseling                   | 3 | Developmental factors influencing the behavior of individuals across the life-span and the unique counseling strategies that are employed.  | GR | LE | Lecture                |
| Spring 2022 | NUR7003  | 7003  | Hlth Policy &            | NUR | Nursing                      | 3 | Critical analysis of public policies and issues affecting nursing and health care delivery.   | GR | LE | Lecture                |
| Spring 2022 | ABS7603  | 7603  | Sem CJ Issues & Policy   | ABS | Applied Behavioral Science   | 1 | In-depth coverage of special topics in applied behavioral science/criminal justice with an emphasis on specific criminal justice issues and policies. Topics vary. 1-2 credit hours             | GR | LE | Lecture                |
| Spring 2022 | PSY6310  | 6310  | Clinical Psychology Cap  | PSY | Psychology                   | 3 | Communication-intensive seminar integrating knowledge within Clinical Psychology.   | GR | SE | Seminar                |
| Spring 2022 | PHL3150  | 3150  | Philosophy of Language   | PHL | Philosophy                   | 3 | Major issues such as sense and reference, theories of meaning and truth, language games, syntax, language and thought. Integrated Writing course.   | UG | LE | Lecture                |
| Spring 2022 | GER5310  | 5310  | Survey of                | GER | German                       | 3 | Historical survey of German literature from its beginning to the present. 331: Literature of the  | GR | LE | Lecture                |
| Spring 2022 | CHM7510  | 7510  | Chemical                 | CHM | Chemistry                    | 2 | Characterization of simple and complex kinetic systems; experimental techniques, methods of   | GR | LE | Lecture                |
| Spring 2022 | BIO6440  | 6440  | Plant                    | BIO | Biology                      | 4 | Course covers plant physiology, including the major features of nutrition, photosynthesis,  | GR | LE | Lecture                |
| Spring 2022 | SAA4110  | 4110  | Spcl Topics: Campus Prgm | SAA | Student Affairs in Higher Ed | 1 | Topics related to the development of student organizations and student leaders.   | UG | LE | Lecture                |
| Spring 2022 | BME4440  | 4440  | Biomaterials             | BME | Biomedical Engineering       | 4 | Application of materials in different biomedical fields. Design and analyses.   | UG | LE | Lecture                |
| Spring 2022 | SW6620   | 6620  | Social                   | SW  | Social Work                  | 3 | Study of the social aspects of aging, the needs of the aging population, and society's response   | GR | LE | Lecture                |
| Spring 2022 | KNH1620  | 1620  | Stretch & Tone/Pilates   | KNH | Kinesiology & Health         | 1 | Fundamental skills and knowledge of Stretch & Tone/Pilates. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                    |
| Spring 2022 | ABS7100  | 7100  | Research                 | ABS | Applied                      | 3 | Emphasis on research designs, testing hypotheses, and data collection techniques such as  | GR | LE | Lecture                |
| Spring 2022 | ART2140  | 2140  | Themes in Visual Culture | ART | Art                          | 3 | Introduction to the visual arts focusing on selected major works of art throughout history. Discusses comparisons across time, basic art media, and the formal characteristics of art.          | UG | LE | Lecture                |
| Spring 2022 | NUR7114  | 7114  | Nursing                  | NUR | Nursing                      | 1 | Determined by the specific faculty offering the elective. The purpose of the graduate nursing   | GR | LE | Lecture                |
| Spring 2022 | ME5350   | 5350  | Fluid                    | ME  | Mechanical                   | 3 | Study of fluid properties, fluid statics, incompressible flows, real fluid flows, and flow  | GR | LE | Lecture                |
| Spring 2022 | PHL6710  | 6710  | Philosophy of            | PHL | Philosophy                   | 3 | Analysis of the techniques of reasoning used in both natural and social science. Exploration of   | GR | LE | Lecture                |
| Spring 2022 | MTH6310  | 6310  | Real Variables           | MTH | Mathematics                  | 3 | The real number system, inequalities, completeness, limits, sequences and the Cauchy  | GR | LE | Lecture                |
| Spring 2022 | PSY4640  | 4640  | Psych Religion Capstone  | PSY | Psychology                   | 3 | Communication-intensive seminar examining differences between science and religion as ways to explain reality. Integrated Writing course.   | UG | SE | Seminar                |
| Spring 2022 | M&I4260  | 4260  | Immunology               | M&I | Microbiology & Immunology    | 3 | Principles of basic immunology. Cellular and soluble factors associated with innate and adaptive immunities. Examines functions of phagocytes, natural killer (NK) cells, B cells, and T cells. | UG | LE | Lecture                |
| Spring 2022 | RHB4020  | 4020  | Career Assessment        | RHB | Rehabilitation               | 3 | Provides training in comprehensive vocational and career evaluation and assessment strategies. Integrated Writing course.   | UG | LE | Lecture                |
| Spring 2022 | IT2300   | 2300  | E-Commerce Advertising   | IT  | Information Technology       | 3 | Techniques and strategies used in e-commerce advertising applied to graphic design. 2 hours lecture/2hours lab.   | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | TH1240   | 1240  | Theatre Graphics I: Fund | TH  | Theatre                      | 3 | Drawing for the theatrical designer with emphasis on fundamentals.  | UG | ST | Studio                 |
| Spring 2022 | PHL5060  | 5060  | Analytic Philosophy      | PHL | Philosophy                   | 3 | A survey of the analytic tradition including philosophers such as Frege, Russell, Wittgenstein, Carnap, Quine, Davidson, Kripke, Putnam, Nagel and others.                                      | GR | LE | Lecture                |
| Spring 2022 | CEG6426  | 6426  | Legal Aspects            | CEG | Computer                     | 3 | Examines some of the most pressing threats to data and systems, the major legal and   | GR | LE | Lecture                |
| Spring 2022 | APS3020  | 3020  | APS                      | APS | Applied                      | 3 | A course to provide opportunities for students to gain knowledge, practice, and study in  | UG | LE | Lecture                |
| Spring 2022 | GR5530   | 5530  | Readings in              | GR  | Greek                        | 3 | Select readings in Greek epic and lyric poetry. Topics include structure and technique of oral  | GR | LE | Lecture                |
| Spring 2022 | KNH1450A | 1450A | Rape Def Strat Basic     | KNH | Kinesiology & Health         | 1 | Fundamental skills and knowledge of Rape Defense Strategies: Basic. Competency-based approach. Course may accommodate disabled students when appropriate.                                       | UG | LB | Lab                    |
| Spring 2022 | EES4470  | 4470  | Astronomy for            | EES | Earth &                      | 2 | Introduction to astronomy and the space sciences from the viewpoint of the amateur  | UG | LE | Lecture                |
| Spring 2022 | PLS6060  | 6060  | Globalization            | PLS | Political Science            | 3 | Focuses on the economic aspects of globalization and effects on local, national, and international political processes.   | GR | LE | Lecture                |

|             |         |      |                          |     |                               |   |  |    |    |                         |
|-------------|---------|------|--------------------------|-----|-------------------------------|---|--|----|----|-------------------------|
| Spring 2022 | TH3540  | 3540 | Speech II                | TH  | Theatre                       | 2 | Techniques in voice and speech to strengthen and expand the student's instrument and skills. Applications made to specified acting texts.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | CS7220  | 7220 | Computability/           | CS  | Computer                      | 3 | Fundamentals of computability theory. Undecidability. Time and space complexity. Cook's  | GR | LE | Lecture                 |
| Spring 2022 | EDS4195 | 4195 | Pract II:                | EDS | Education -                   | 1 | Use assessment data to plan and implement dyslexia remediation in a professional setting.  | UG | PR | Practicum               |
| Spring 2022 | PHL3000 | 3000 | Critical                 | PHL | Philosophy                    | 3 | Introduction to fundamental reasoning skills as understood philosophically and as applied in a   | UG | LE | Lecture                 |
| Spring 2022 | CEG4330 | 4330 | Microproc Embedded Sys   | CEG | Computer Engineering          | 4 | Introduction to small, special-purpose microprocessor systems. Topics include hardware design issues, software design and implementation, and real-time operating systems.                               | UG | LE | Lecture                 |
| Spring 2022 | FAS2500 | 2500 | Food Chem and Analysis   | FAS | Food and Agricultural Systems | 3 | Chemistry of various food components, and methods of analysis.   | UG | LE | Lecture                 |
| Spring 2022 | PSY4400 | 4400 | Ind/Org Psych Cap        | PSY | Psychology                    | 3 | Communication-intensive seminar integrating knowledge on industrial/organizational psychology. Topics will vary. Integrated Writing course.  | UG | SE | Seminar                 |
| Spring 2022 | ATR7600 | 7600 | Neuroscience             | ATR | Athletic                      | 3 | Development, configuration, physical and mental functions, and pathological deficits of the  | GR | LE | Lecture                 |
| Spring 2022 | EE4460  | 4460 | Microwave Egr            | EE  | Electrical                    | 3 | Fundamental of RF active components: modeling of RF active components; design impedance  | UG | LE | Lecture                 |
| Spring 2022 | FAS1070 | 1070 | Rural Studies            | FAS | Food and Agricultural Systems | 3 | Principles of society, major social institutions, and social change; emphasizes social, political, and economic changes in rural life, rural organizations, population, and family living.               | UG | LE | Lecture                 |
| Spring 2022 | BME3540 | 3540 | Intro to Comp for BME    | BME | Biomedical Engineering        | 3 | Digital computer applications in biomedical related fields. Use of Matlab to solve biomedical problems and display the results.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | CS1300  | 1300 | Data Science             | CS  | Computer                      | 4 | An introduction to data science, the algorithms and processes for preparing and analyzing  | UG | LE | Lecture                 |
| Spring 2022 | CS7230  | 7230 | Information              | CS  | Computer                      | 3 | Course addresses the following questions that are fundamental to the design and evaluation of  | GR | LE | Lecture                 |
| Spring 2022 | EDL7570 | 7570 | Student Assessment       | EDL | Educational Leadership        | 3 | Intensive study of formative and summative methods used by teachers to assess student performance and modify or differentiate instruction to meet student needs.   | GR | LE | Lecture                 |
| Spring 2022 | IHE7930 | 7930 | Non-Thesis Resrch in IHE | IHE | Industrial & Hum Fac Engr     | 1 | M.S. Non-Thesis Research in Industrial and Human Factors Engineering   | GR | IS | Independent Study       |
| Spring 2022 | SLI3400 | 3400 | Linguistics of ASL       | SLI | Sign Language                 | 3 | Linguistic analysis of American Sign Language and spoken languages. Includes the study of phonology, morphology, syntax, semantics and other linguistic topics.  | UG | LE | Lecture                 |
| Spring 2022 | EDS4510 | 4510 | Foundations              | EDS | Education -                   | 3 | Introduction to historical and current context of special education law and litigation as it applies   | UG | LE | Lecture                 |
| Spring 2022 | CHM2110 | 2110 | Organic Chemistry I      | CHM | Chemistry                     | 3 | Principles, theories, and applications of the chemistry of carbon compounds.   | UG | LE | Lecture                 |
| Spring 2022 | EDL9700 | 9700 | Practicum I:             | EDL | Educational                   | 1 | The practicum provides significant opportunities for candidates to synthesize and apply the  | GR | IN | Internship              |
| Spring 2022 | SCM7990 | 7990 | SCM Capstone             | SCM | Supply Chain                  | 1 | Student completes a comprehensive supply chain management project either individually or in  | GR | PR | Practicum               |
| Spring 2022 | TH1510  | 1510 | Intro to Perf            | TH  | Theatre                       | 3 | Introduction to the working methods of the actor and director. Includes exploration of process   | UG | LE | Lecture                 |
| Spring 2022 | EE6540  | 6540 | VLSI Design              | EE  | Electrical                    | 3 | (Also listed as CEG 654.) Introduction to VLSI system design. Topics include CMOS devices  | GR | LE | Lecture                 |
| Spring 2022 | STT4920 | 4920 | Undergrad Statistics Sem | STT | Statistics                    | 3 | Detailed study of a single statistics topic chosen by the student with the approval of the instructor. Integrated Writing course.  | UG | SE | Seminar                 |
| Spring 2022 | GR4550  | 4550 | Readings                 | GR  | Greek                         | 3 | Lysias, Demosthenes, Isocrates, Old Oligarch, Plato, Xenophon, and Aristotle. Topics include   | UG | LE | Lecture                 |
| Spring 2022 | ME4520  | 4520 | Hydropower               | ME  | Mechanical                    | 3 | Hydraulics of turbomachines for power generation, hydrologic analysis for hydropower   | UG | LE | Lecture                 |
| Spring 2022 | EDT8120 | 8120 | Inst Design              | EDT | Educational                   | 3 | Participants will learn the basic concepts and elements of an instructional design model. The  | GR | LE | Lecture                 |
| Spring 2022 | ENG3060 | 3060 | Intro Literary Study     | ENG | English                       | 3 | Introduction to the discipline of English, with a focus on verse, narrative, textual analysis, literary theory, and integration of secondary sources in analytical arguments. Integrated Writing course. | UG | LE | Lecture                 |
| Spring 2022 | MP3310  | 3310 | Studies in Film History  | MP  | Motion Picture                | 3 | Intensive study of selected areas of film history. Titles and topics vary.   | UG | LE | Lecture                 |
| Spring 2022 | ATR7750 | 7750 | Clinical Practice IV     | ATR | Athletic Training             | 2 | Clinical experience with a preceptor to practice, apply and master a variety of entry-level skills learned in the previous semester. Evaluation will occur in both the clinical and classroom settings.  | GR | PR | Practicum               |
| Spring 2022 | HST4840 | 4840 | Religious History        | HST | History                       | 3 | Examines topics in the history of religion. May cover any historical period or region of the world or may be comparative. Topics vary. Integrated Writing course.  | UG | LE | Lecture                 |

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|-------------|----------|-------|------------------------------|-----|--------------------------------|---|--|----|----|-------------------|
| Spring 2022 | PTX7400  | 7400  | Laboratory Management        | PTX | Pharmacology/ Toxicology       | 3 | The topics are designed to give students laboratory management experience along with a short weekly lecture that will provide background information on the theory behind the project. | GR | LE | Lecture           |
| Spring 2022 | ANT7890  | 7890  | Continuing Registration      | ANT | Anatomy                        | 1 | Continuing Registration  | GR | IS | Independent Study |
| Spring 2022 | EE4120   | 4120  | Industrial Controls          | EE  | Electrical Engineering         | 3 | Wiring diagram creation, hardware selection, and programmable logic controller design and operation.   | UG | LE | Lecture           |
| Spring 2022 | KNH3500  | 3500  | Tech & Emergency Mgmt        | KNH | Kinesiology & Health           | 3 | Explores technology applications of emergency management.  | UG | LE | Lecture           |
| Spring 2022 | MUS6460  | 6460  | Medieval & Renaissance       | MUS | Music                          | 3 | Study of music and critical analysis of representative works from major composers of Medieval and Renaissance music.   | GR | LE | Lecture           |
| Spring 2022 | NEU2000  | 2000  | Intro Neuro                  | NEU | Neuroscience                   | 1 | Undergraduate neuroscience majors will learn about various resources and expectations that   | UG | LE | Lecture           |
| Spring 2022 | PTX7030  | 7030  | Rsrch Mthd                   | PTX | Pharmacology/                  | 3 | This course explores the experimental approaches that are commonly used in the laboratory  | GR | LB | Lab               |
| Spring 2022 | EDS6195  | 6195  | Pract II                     | EDS | Education -                    | 1 | Use assessment data to plan and implement dyslexia remediation in a professional setting.  | GR | PR | Practicum         |
| Spring 2022 | ENG7550  | 7550  | Study of World               | ENG | English                        | 3 | Reading, research, reports, and discussion on topics dealing with the spread of World  | GR | SE | Seminar           |
| Spring 2022 | EDL9740  | 9740  | Ldr, Law, and                | EDL | Educational                    | 3 | Emphasis will be on legal issues for special populations, including emerging trends on policies  | GR | SE | Seminar           |
| Spring 2022 | EES4540L | 4540L | Subsurface Fluid Flow Lab    | EES | Earth & Environmental Sciences | 0 | Required laboratory for EES 4540.  | UG | LB | Lab               |
| Spring 2022 | CEG4260  | 4260  | Matrix                       | CEG | Computer                       | 3 | Numerical linear algebra survey using high-level computing tools. Topics include linear  | UG | LE | Lecture           |
| Spring 2022 | SOC4410  | 4410  | Applications Rsch Mthd       | SOC | Sociology                      | 3 | Advanced social research techniques. Students design and carry out a full-scale research project within a seminar-like class setting. Integrated Writing course.                       | UG | LE | Lecture           |
| Spring 2022 | BIO6560  | 6560  | Ecosystem/Global Change      | BIO | Biology                        | 3 | Covers current understanding of ecosystem function and the impacts of humans on global biogeochemical cycles and the distribution of life on earth.                                    | GR | LE | Lecture           |
| Spring 2022 | HST6500  | 6500  | Latin American History       | HST | History                        | 3 | Examines selected Latin American nations and regions (e.g., Mexico, Argentina) and particular topics (e.g., authoritarianism) in detail. Topics vary.                                  | GR | LE | Lecture           |
| Spring 2022 | ART3770  | 3770  | Fab/Constructi               | ART | Art                            | 3 | Development of personal concepts and aesthetic expression using wood and metal   | UG | LB | Lab               |
| Spring 2022 | ENG5020  | 5020  | TA Practicum I               | ENG | English                        | 1 | For English teaching assistants only. Continuing TAs are assigned to an instructional class that focuses on the teaching of writing in ENG 1100 for a supervised practicum experience. | GR | PR | Practicum         |
| Spring 2022 | CEG5310L | 5310L | Computer Organization Lab    | CEG | Computer Engineering           | 0 | Required laboratory for CEG 5310.  | GR | LB | Lab               |
| Spring 2022 | CHM5520L | 5520L | Physical Chem Lab II         | CHM | Chemistry                      | 2 | Experimental methods of physical chemistry.  | GR | LB | Lab               |
| Spring 2022 | PPH7640  | 7640  | Princ. of                    | PPH | Population &                   | 3 | Course provides an understanding of the phenomena of disasters and management of   | GR | LE | Lecture           |
| Spring 2022 | LEP0230  | 0230  | Grammar - Level 2            | LEP | LEAP                           | 0 | Grammar for low-intermediate/intermediate ESL students. This course has a fee that is non-refundable once the term begins.   | UG | LE | Lecture           |
| Spring 2022 | ITL4890  | 4890  | Intl Cont'd                  | ITL | Intl Continued                 | 0 | International students in undergraduate programs who need to complete incomplete   | UG | LE | Lecture           |
| Spring 2022 | ISE3540  | 3540  | Intro to Comp                | ISE | Industrial &                   | 3 | Introduction to the development of automated data analysis tools built on existing user-   | UG | LL | Lecture/Lab       |
| Spring 2022 | SW6800   | 6800  | Gerontology                  | SW  | Social Work                    | 3 | Supervised learning under direction of the Gerontology Certificate Director and staff from a   | GR | PR | Practicum         |
| Spring 2022 | ANT3120L | 3120L | Human Structure Funct II Lab | ANT | Anatomy                        | 0 | Required laboratory for ANT 3120.  | UG | LB | Lab               |
| Spring 2022 | KNH1440A | 1440A | Phys Ed for Disabled         | KNH | Kinesiology & Health           | 1 | Fundamental skills and knowledge of Physical Education for Disabled. Competency-based approach. Course may accommodate disabled students when appropriate.                             | UG | LB | Lab               |
| Spring 2022 | NUR7622  | 7622  | Supervsn -                   | NUR | Nursing                        | 1 | This course is the second in a sequence that focuses on the role of the psychiatric nurse  | GR | PR | Practicum         |
| Spring 2022 | ME4210   | 4210  | Mechanical                   | ME  | Mechanical                     | 3 | Modeling and analysis of single and multi-degree of freedom systems under free and forced  | UG | LE | Lecture           |
| Spring 2022 | KNH1660  | 1660  | Swimming: Beginning          | KNH | Kinesiology & Health           | 1 | Fundamental skills and knowledge of Swimming: Beginning. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab               |
| Spring 2022 | EED3750  | 3750  | Writing                      | EED | Elementary                     | 3 | The study of writing development, writing theory, writing genres, writing assessment,  | UG | LE | Lecture           |
| Spring 2022 | EC7250   | 7250  | Econ Social &                | EC  | Economics                      | 3 | Economies as subsystems of social systems and ecosystems. Karl Polanyi's and Douglass  | GR | LE | Lecture           |

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|-------------|----------|-------|--------------------------|-----|----------------------|---|---|----|----|---------------------------|
| Spring 2022 | TH2290   | 2290  | Fabric Dye Modification  | TH  | Theatre              | 3 | Basic techniques of dyeing and modifying fabric. Includes aging and distressing of costumes.  | UG | ST | Studio                    |
| Spring 2022 | UVC1010  | 1010  | First Year               | UVC | University           | 1 | Students experience opportunities to build their collegiate identity by clarifying their values   | UG | SE | Seminar                   |
| Spring 2022 | PLS3150  | 3150  | Religion and             | PLS | Political            | 3 | (Also listed as REL 3650) General examination of both the historical and the contemporary   | UG | LE | Lecture                   |
| Spring 2022 | SOC3720  | 3720  | Policing in Society      | SOC | Sociology            | 3 | History and theories of policing and review of the role and function of police.   | UG | LE | Lecture                   |
| Spring 2022 | EDL7940  | 7940  | Bldg Budget,             | EDL | Educational          | 3 | Leading the pupil personnel service aspects of school operation, including ethical  | GR | LE | Lecture                   |
| Spring 2022 | STT3610  | 3610  | Applied                  | STT | Statistics           | 3 | Introduction to statistics, standard statistical methods for estimation of parameters and   | UG | LE | Lecture                   |
| Spring 2022 | FR5310   | 5310  | Survey of French Lit     | FR  | French               | 3 | Middle Ages to the present. An overview of trends, thoughts and style. Taught in French.  | GR | LE | Lecture                   |
| Spring 2022 | KNH1200  | 1200  | Fencing: Beginning       | KNH | Kinesiology & Health | 1 | Fundamental skills and knowledge of Fencing: Beginning. Competency-based approach. Course may accommodate disabled students when appropriate.                       | UG | LB | Lab                       |
| Spring 2022 | ED1010   | 1010  | Teaching Profession      | ED  | Education            | 1 | Overview of the teaching profession.  | UG | LE | Lecture                   |
| Spring 2022 | EES4410  | 4410  | Phy Geol Nat             | EES | Earth &              | 2 | Field trip course examining the landforms, processes, and deposits associated with  | UG | LL | Lecture/Lab               |
| Spring 2022 | REL3110  | 3110  | Judaism: Faith & People  | REL | Religion             | 3 | Judaism as a religious faith and people, with special reference to formative historical, social, ethnic, and cultural factors.                                      | UG | LE | Lecture                   |
| Spring 2022 | CRT1000  | 1000  | Intro to Corrections     | CRT | Corrections          | 3 | Trends and developments in all elements of a modern correctional system for the treatment of juvenile and adult offenders.  | UG | LE | Lecture                   |
| Spring 2022 | PHY3300  | 3300  | Intro to                 | PHY | Physics              | 3 | Selected topics from solar system and extrasolar astronomy and astrophysics. Topics include   | UG | LE | Lecture                   |
| Spring 2022 | ART3150  | 3150  | Studies in 19th          | ART | Art                  | 3 | General surveys and intensive studies of the period, major movements, and artists of the time.  | UG | LE | Lecture                   |
| Spring 2022 | ART2280  | 2280  | Drawing II               | ART | Art                  | 3 | Introduces concepts and techniques of drawing. May include studies from the human figure  | UG | LB | Lab                       |
| Spring 2022 | URS6210  | 6210  | Pub.                     | URS | Urban Affairs        | 3 | Examines the leadership role of the public and nonprofit administrators in formulating  | GR | LE | Lecture                   |
| Spring 2022 | KNH1210B | 1210B | Fencing: Intermediate    | KNH | Kinesiology & Health | 1 | Intermediate level of skills and knowledge in Fencing: Intermediate. Competency-based approach. Course may accommodate disabled students when appropriate.          | UG | LB | Lab                       |
| Spring 2022 | ME3360   | 3360  | Heat Transfer            | ME  | Mechanical           | 3 | Study of the movement of energy due to a temperature difference. The three modes of heat  | UG | LE | Lecture                   |
| Spring 2022 | TH1450   | 1450  | Acting I                 | TH  | Theatre              | 3 | Exploration of acting through the lens of characters in more demanding scenes from established scripts, using script analysis as the foundation for acting choices. | UG | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | GEO4200  | 4200  | Remote                   | GEO | Geography            | 3 | Application of geographic methodology to social, political and environmental problems utilizing   | UG | LE | Lecture                   |
| Spring 2022 | ART5180  | 5180  | Art Theory and Criticism | ART | Art                  | 3 | Historical surveys and intensive studies in art theory and criticism.   | GR | LE | Lecture                   |
| Spring 2022 | ME4430   | 4430  | Aeronautics              | ME  | Mechanical           | 3 | Aviation history. Standard atmosphere, basic aerodynamics, theory of lift, airplane   | UG | LE | Lecture                   |
| Spring 2022 | CEG1900  | 1900  | Internship               | CEG | Computer             | 1 | Students earn general elective credit for a future internship experience by working in a major  | UG | IN | Internship                |
| Spring 2022 | ATH3020  | 3020  | Peoples/Cultur           | ATH | Anthropology         | 3 | An introduction to the variety of people living in Southern Asia, particularly India, Pakistan,   | UG | LE | Lecture                   |
| Spring 2022 | NUR4860  | 4860  | Policy &                 | NUR | Nursing              | 3 | Integrates leadership and management concepts to influence policies to promote health and   | UG | LE | Lecture                   |
| Spring 2022 | STT3960  | 3960  | Topics in Stat and Prob  | STT | Statistics           | 1 | Titles vary.  | UG | IS | Independent Study         |
| Spring 2022 | MP3350   | 3350  | Screenwriting Short Film | MP  | Motion Picture       | 3 | Introduction to writing a short screenplay. Students will learn basic storytelling strategies for media production.   | UG | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | ME4830   | 4830  | Comp.                    | ME  | Mechanical           | 3 | This course covers basic theories, methods, and algorithms of atomistic computer simulations  | UG | LL | Lecture/Lab               |
| Spring 2022 | COM4250  | 4250  | Health                   | COM | Communicatio         | 3 | Basic themes and issues that have developed in health communication research including  | UG | LE | Lecture                   |
| Spring 2022 | HPR2020  | 2020  | Teaching                 | HPR | Health Phy           | 3 | Develops fitness knowledge, skills and teaching strategies in future physical education   | UG | LL | Lecture/Lab               |
| Spring 2022 | CS1180   | 1180  | Computer                 | CS  | Computer             | 4 | Basic concepts of programming and programming languages. Structured programming,  | UG | LE | Lecture                   |
| Spring 2022 | REL5200  | 5200  | Topics in Christianity   | REL | Religion             | 3 | Examination of selected topics related to the history and practice of Christianity.   | GR | LE | Lecture                   |
| Spring 2022 | ITA2010  | 2010  | Intermediate             | ITA | Italian              | 3 | Continued study of the Italian language. Grammar review, reading, and discussion of selected  | UG | LE | Lecture                   |
| Spring 2022 | LE1130   | 1130  | Police                   | LE  | Law                  | 3 | Ohio Police Training Academy curriculum. Basic policing problems and procedures.  | UG | LL | Lecture/Lab               |



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|-------------|---------|-------|--------------------------------|-----|-----------------------------|-----|--|----|----|-------------|
| Spring 2022 | TH1100  | 1100  | Production Practicum I         | TH  | Theatre                     | 1   | Participation in the operation of a production shop. Fundamentals of theatre technology, emphasizing basic processes and materials. Participation in selected department productions required. | UG | PR | Practicum   |
| Spring 2022 | EES6280 | 6280  | EES                            | EES | Earth &                     | 0.5 | A weekly seminar in which research scientists from within and from outside the Department of   | GR | SE | Seminar     |
| Spring 2022 | BMB7010 | 7010  | Selected Topics-Biochem        | BMB | Biochem & Molecular Biology | 0.5 | Special topics in Biochemistry and Molecular Biology covering recent developments in selected faculty member's area of research expertise.   | GR | LE | Lecture     |
| Spring 2022 | SLI4580 | 4580  | RID                            | SLI | Sign                        | 3   | Assists students in preparation for the Registry of Interpreters for the Deaf (RID) national   | UG | LE | Lecture     |
| Spring 2022 | WGS6990 | 6990  | Independent                    | WGS | Women,                      | 1   | Supervised individual research on selected topics arranged between students and faculty  | GR | IS | Independen  |
| Spring 2022 | AFS3100 | 3100  | Afr Amer Exp                   | AFS | Afr /Afr Amer               | 3   | Explores the diverse experiences of being African American and examines the effect of  | UG | LE | Lecture     |
| Spring 2022 | EE6560L | 6560L | Intro Robotics Lab             | EE  | Electrical Engineering      | 1   | Laboratory supporting EE 6560. Students will experience hands on learning in lab environment.  | GR | LB | Lab         |
| Spring 2022 | SCM7810 | 7810  | Special                        | SCM | Supply Chain                | 1   | Intensive reading or research in a selected field of supply chain management. Individualized   | GR | IS | Independen  |
| Spring 2022 | EDL7930 | 7930  | Building-Level                 | EDL | Educational                 | 3   | Developing procedures of administering staff personnel aspects of school operation. Areas of   | GR | LE | Lecture     |
| Spring 2022 | RHB7110 | 7110  | Voc Eval &                     | RHB | Rehabilitation              | 3   | Theoretical orientation, development and utilization of work samples, situational assessments,   | GR | LE | Lecture     |
| Spring 2022 | REL2050 | 2050  | What Is Religion?              | REL | Religion                    | 3   | Explores the meaning of religion by looking at various ways in which people experience and express it. Diverse examples of religion and religious life are considered.                         | UG | LE | Lecture     |
| Spring 2022 | MKT3300 | 3300  | International                  | MKT | Marketing                   | 3   | Introduces the concepts and language of international marketing and examines institutional,  | UG | LE | Lecture     |
| Spring 2022 | PSY2430 | 2430  | Psy Issues in                  | PSY | Psychology                  | 3   | Explore scientific research on the topic of aging. Will cover issues facing older adults in  | UG | LE | Lecture     |
| Spring 2022 | MKT3400 | 3400  | Integrated Marketing Comm      | MKT | Marketing                   | 3   | Introduces integrated marketing communications including advertising, direct marketing, public relations and sales promotion. Includes discussion of creative and media strategies.            | UG | LE | Lecture     |
| Spring 2022 | EDL7710 | 7710  | Ldrshp Schl                    | EDL | Educational                 | 3   | The course focuses on the development of a deep understanding of organizational structure,   | GR | LE | Lecture     |
| Spring 2022 | PSI9050 | 9050  | Statistics&Research Methods II | PSI | Professional Psychology     | 3   | Introduction to statistics for psychologists.  | GR | LE | Lecture     |
| Spring 2022 | MTH5330 | 5330  | Partial                        | MTH | Mathematics                 | 3   | Linear first order equations, method of characteristics. Classification of second order  | GR | LE | Lecture     |
| Spring 2022 | STT6620 | 6620  | Theory of                      | STT | Statistics                  | 4   | Point estimation, properties of estimators, sufficiency and completeness, single parameter   | GR | LE | Lecture     |
| Spring 2022 | ART2060 | 2060  | Drawing I                      | ART | Art                         | 3   | Introduction to materials, techniques, and concepts of drawing. This course has a fee that is non-refundable once the term begins.   | UG | LB | Lab         |
| Spring 2022 | MGT4750 | 4750  | Small Business Mgt             | MGT | Management                  | 3   | An examination of the competencies required of small business managers including hiring and motivating employees and balancing stakeholders' interests.  | UG | LE | Lecture     |
| Spring 2022 | IHE6712 | 6712  | Sim & Stoch                    | IHE | Industrial &                | 4   | Study of quantitative techniques to analyze and predict systems performance. Topics include  | GR | LE | Lecture     |
| Spring 2022 | ENG4650 | 4650  | Professional                   | ENG | English                     | 3   | Instruction and experience in editing technical and professional documents, including both   | UG | LE | Lecture     |
| Spring 2022 | SW4735  | 4735  | Child Welfare II               | SW  | Social Work                 | 3   | Addresses the developmental and permanence needs of children in the child welfare system.  | UG | LE | Lecture     |
| Spring 2022 | HST6100 | 6100  | Early Modern Europe            | HST | History                     | 3   | Examines selected problems in European history from the late Middle Ages through the Counter-Reformation. Topics vary.   | GR | LE | Lecture     |
| Spring 2022 | PLS4200 | 4200  | Politics and                   | PLS | Political                   | 3   | (Also listed as ENG 3010) Study and critiques of political themes in works of selected 20th  | UG | LE | Lecture     |
| Spring 2022 | LEP0050 | 0050  | List & Speak - Pre-LEAP        | LEP | LEAP                        | 0   | Listening, speaking and pronunciation for low-beginning level ESL students. This course has a fee that is non-refundable once the term begins.   | UG | LE | Lecture     |
| Spring 2022 | SPN5900 | 5900  | Foreign Lang                   | SPN | Spanish                     | 1   | For teachers of Spanish. Intensive experience designed, through total immersion, to improve  | GR | LE | Lecture     |
| Spring 2022 | ART3680 | 3680  | Beg Printmkg:                  | ART | Art                         | 3   | Introduction to basic lithographic techniques using stone and/or metal plate. Emphasis on  | UG | LB | Lab         |
| Spring 2022 | FAS2040 | 2040  | Intro                          | FAS | Food and                    | 3   | Fundamentals of agronomic crop production, including crop biology and management, soils  | UG | LL | Lecture/Lab |
| Spring 2022 | PSY8220 | 8220  | Spatial                        | PSY | Psychology                  | 3   | This course explores research and concepts of spatial knowledge acquisition, processing and  | GR | SE | Seminar     |
| Spring 2022 | ATR7700 | 7700  | Clinical                       | ATR | Athletic                    | 3   | Case study approach emphasizing the critical appraisal of health-related research within the   | GR | LE | Lecture     |
| Spring 2022 | IE7000  | 7000  | International                  | IE  | International               | 3   | Placeholder for students studying abroad on Wright State University Education Abroad   | GR | IS | Independen  |

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| Spring 2022 | EDT8230  | 8230  | Digital Teach:<br>Res Meth | EDT | Educational<br>Technology        | 3   | Students will conceptually explore different research methodologies in relation to the scholarship of teaching and learning. Both qualitative and quantitative techniques will be discussed.      | GR | LE | Lecture                   |
| Spring 2022 | ED6710   | 6710  | Grad Field<br>Experience   | ED  | Education                        | 1   | Introduces students to the educational process through participation in a P-12 classroom and through an examination of classroom dynamics within a natural setting.                               | GR | PR | Practicum                 |
| Spring 2022 | ENG2800  | 2800  | Intro Creative<br>Writing  | ENG | English                          | 3   | Fundamental techniques and strategies of poetry and short fiction; analysis of anthologized poems and stories; group discussion of manuscripts.   | UG | LE | Lecture                   |
| Spring 2022 | TH1060   | 1060  | Music Theory<br>for Actors | TH  | Theatre                          | 2   | Introduces basics of rhythm, melody, sight-singing, and musical theatre piano in a group class.   | UG | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | KNH1140  | 1140  | Dance:<br>Ballroom         | KNH | Kinesiology &<br>Health          | 1   | Fundamental skills and knowledge of Dance: Ballroom. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                       |
| Spring 2022 | PSY8210  | 8210  | Paradigms in               | PSY | Psychology                       | 3   | The topic of scientific revolutions (as described by Kuhn) and how they apply to experimental   | GR | SE | Seminar                   |
| Spring 2022 | ENG7410  | 7410  | Seminar:                   | ENG | English                          | 3   | Reading, research, and discussion on topics dealing with theories and practices of teaching   | GR | SE | Seminar                   |
| Spring 2022 | KNH1980A | 1980A | Zumba                      | KNH | Kinesiology &<br>Health          | 1   | Fundamental skills and knowledge of Zumba. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                       |
| Spring 2022 | PLS6600  | 6600  | Sem Comp<br>Politics       | PLS | Political<br>Science             | 3   | Readings, research, reports, and discussion of selected topics and problems. Topics vary.   | GR | SE | Seminar                   |
| Spring 2022 | BIO6030  | 6030  | Topics in<br>Biology       | BIO | Biology                          | 1   | Advanced topics in modern biology of current interest. Topics vary.   | GR | LE | Lecture                   |
| Spring 2022 | EDL7140  | 7140  | Context of<br>Education    | EDL | Educational<br>Leadership        | 3   | Emphasizes the evolution of theories and the laws that underlie the free compulsory educational system as well as the organization, control, and support by the public of the educational system. | GR | LE | Lecture                   |
| Spring 2022 | REL5740  | 5740  | Prophets and<br>History    | REL | Religion                         | 3   | Examines historical context of Biblical prophets and prophecies in terms of historical, religious, national, and moral implications.  | GR | LE | Lecture                   |
| Spring 2022 | EE6460   | 6460  | Microwave Egr              | EE  | Electrical                       | 3   | Fundamental of RF active components; Design impedance matching network; microwave   | GR | LE | Lecture                   |
| Spring 2022 | MBA7520  | 7520  | Intl. Mgt: Ops             | MBA | MBA                              | 3   | This course surveys the practices and principles involved in managing a business across   | GR | LE | Lecture                   |
| Spring 2022 | MLB4511  | 4511  | Basic Clinical<br>Chem Lab | MLB | Medical<br>Laboratory<br>Science | 1   | Application of human biochemistry and principles of chemistry techniques used in the analysis of blood and other body fluids. This course has a fee that is non-refundable once the term begins.  | UG | LB | Lab                       |
| Spring 2022 | ART6030  | 6030  | Studies in<br>Drawing      | ART | Art                              | 3   | Provides opportunities to explore special problems and approaches to drawing including cross media and interdisciplinary studies. Titles vary.  | GR | LB | Lab                       |
| Spring 2022 | MLB4211  | 4211  | Urine/Body                 | MLB | Medical                          | 0.5 | Study of body fluids, including the pathophysiology of their formation and the biochemical and  | UG | LB | Lab                       |
| Spring 2022 | KNH1700A | 1700A | Tai Chi                    | KNH | Kinesiology &<br>Health          | 1   | Fundamental skills and knowledge of Tai Chi. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                       |
| Spring 2022 | PSY6200  | 6200  | Cognitive<br>Psych Cap     | PSY | Psychology                       | 3   | Communication-intensive seminar integrating knowledge on Cognitive Psychology. Topics will vary.  | GR | SE | Seminar                   |
| Spring 2022 | GEO3700  | 3700  | Regional<br>Geography      | GEO | Geography                        | 3   | Major and minor regions around the world. Physical and cultural factors used to compare and contrast selected regions.  | UG | LE | Lecture                   |
| Spring 2022 | GER5210  | 5210  | Writing in<br>German       | GER | German                           | 3   | Oral and written composition in German; translations from English into German. Further grammar study.   | GR | LE | Lecture                   |
| Spring 2022 | EDL7665  | 7665  | Mentoring and              | EDL | Educational                      | 3   | This course addresses coaching and mentoring in the educational setting: what they are; how   | GR | LE | Lecture                   |
| Spring 2022 | MTH7160  | 7160  | Numerical                  | MTH | Mathematics                      | 4   | Solutions of systems of linear and nonlinear equations, numerical solution of matrix eigenvalue   | GR | LE | Lecture                   |
| Spring 2022 | ACC2010  | 2010  | Accounting                 | ACC | Accountancy                      | 3   | Introduction to accounting for business enterprises. Includes analysis of the effect of   | UG | LE | Lecture                   |
| Spring 2022 | EDS4420  | 4420  | Positive                   | EDS | Education -                      | 3   | Using positive behavior supports; discussion of research, practice, classroom management  | UG | LE | Lecture                   |
| Spring 2022 | SLI3510  | 3510  | ASL Discourse              | SLI | Sign                             | 3   | Investigates English and American Sign Language discourse features, focusing on language  | UG | LE | Lecture                   |
| Spring 2022 | PPH2200  | 2200  | Disease                    | PPH | Population &                     | 3   | A foundation for a public health career, including epidemiological concepts related to infectious   | UG | LE | Lecture                   |
| Spring 2022 | ME6740   | 6740  | Mat Sel Failure            | ME  | Mechanical                       | 3   | Engineering aspects of failure analysis, failure mechanisms and related environmental factors,  | GR | LE | Lecture                   |
| Spring 2022 | MI8000   | 8000  | Microbiology<br>Seminar    | MI  | Microbiology &<br>Immunology     | 1   | Graded pass/unsatisfactory.   | GR | SE | Seminar                   |
| Spring 2022 | BIO3140  | 3140  | Molecular Bio<br>Lab       | BIO | Biology                          | 3.5 | Concepts pertaining to gene structure, the regulation of gene expression and the genetic structure of populations.  | UG | LB | Lab                       |

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| Spring 2022 | ANT4340  | 4340  | Biological Safety           | ANT | Anatomy                       | 2 | Identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA.   | UG | LE | Lecture           |
| Spring 2022 | REL5410  | 5410  | Chinese                     | REL | Religion                      | 3 | Introductory survey of religious thought and practice in Chinese history and culture. Primary  | GR | LE | Lecture           |
| Spring 2022 | MUS6160  | 6160  | Piano Pedagogy              | MUS | Music                         | 3 | Class offers a historical overview of keyboard pedagogy and examines anthologies, collections, and studies written for piano students at various performance levels.                         | GR | LE | Lecture           |
| Spring 2022 | ME4840   | 4840  | Mat Sel for                 | ME  | Mechanical                    | 3 | Principles of materials-limited design. Lectures, case histories, open-ended assignments and   | UG | LE | Lecture           |
| Spring 2022 | ECE7350  | 7350  | Div in EC Classrooms        | ECE | Education - Early Childhood   | 3 | Examination of sources of individual differences within the early childhood classroom: culture/ethnicity, race, language, wealth, learning style/ability, and gender.                        | GR | LE | Lecture           |
| Spring 2022 | EE7420L  | 7420L | Power                       | EE  | Electrical                    | 1 | Simulation of models of power stages of DC-DC PWM power converts, open-loop performance  | GR | LB | Lab               |
| Spring 2022 | BIO2310L | 2310L | Evolution & Ecology Lab     | BIO | Biology                       | 0 | Required laboratory for BIO 2310. Integrated Writing course.   | UG | LB | Lab               |
| Spring 2022 | PSY4520  | 4520  | Prejudice Research Cap      | PSY | Psychology                    | 3 | Discusses research on the topics of stereotyping, prejudice, discrimination, and related phenomena. Integrated Writing course.   | UG | SE | Seminar           |
| Spring 2022 | WGS5200  | 5200  | Women Mult.                 | WGS | Women,                        | 3 | Issues, approaches, and topics in women and gender studies, which may include womens   | GR | LE | Lecture           |
| Spring 2022 | ED4000   | 4000  | Ed Honors Project I         | ED  | Education                     | 2 | An in-depth independent study, under the guidance of a TED faculty advisor, in which students pursuing Education Departmental Honors complete the research portion of their Honors projects. | UG | IS | Independent Study |
| Spring 2022 | RHB2020  | 2020  | Community                   | RHB | Rehabilitation                | 3 | Preparation in becoming professional consumers of rehabilitation resources. Learning how to  | UG | LE | Lecture           |
| Spring 2022 | MTH6050  | 6050  | Adv                         | MTH | Mathematics                   | 3 | Topics include eigenvalues and eigenvectors, matrix factorizations, Fourier series, analytical   | GR | LE | Lecture           |
| Spring 2022 | BMB7260  | 7260  | Bioenergetics               | BMB | Biochem &                     | 2 | Emphasis on eukaryotic cell energy metabolism and ATP synthesis in normal and diseased   | GR | LE | Lecture           |
| Spring 2022 | DAN3120  | 3120  | Modern Dance III            | DAN | Dance                         | 3 | Advanced modern technique class for pre-professional dancers. Principles and concepts of Horton technique with continued emphasis on flexibility, strength and coordination.                 | UG | ST | Studio            |
| Spring 2022 | ENG4820  | 4820  | Adv Poetry                  | ENG | English                       | 3 | Advanced practice in writing and revising poems, refining craft and style, with the aim of   | UG | SE | Seminar           |
| Spring 2022 | CS4290   | 4290  | Cryptography                | CS  | Computer                      | 3 | Mathematical principles of cryptography and data security. Introduces relevant algebra and   | UG | LE | Lecture           |
| Spring 2022 | PSY4700  | 4700  | Adv Topics Percept Cap      | PSY | Psychology                    | 3 | Communication-intensive seminar integrating knowledge on perception. Topics vary. Integrated Writing course.   | UG | SE | Seminar           |
| Spring 2022 | PSY3610  | 3610  | Conditioning & Learning     | PSY | Psychology                    | 3 | Introduction to experimental findings and contemporary theories of conditioning, learning, and motivation.   | UG | LE | Lecture           |
| Spring 2022 | ME4120L  | 4120L | Finite Element Analysis Lab | ME  | Mechanical and Materials Engr | 0 | Required laboratory for ME 4120.   | UG | LB | Lab               |
| Spring 2022 | EES6170  | 6170  | Coastal                     | EES | Earth &                       | 2 | The course is primarily designed for in-service educators. It serves as an introduction to the   | GR | LB | Lab               |
| Spring 2022 | EGR1010  | 1010  | Intro Math for              | EGR | Engineering                   | 4 | Math topics most heavily used in first and second-year engineering courses. Topics include   | UG | LE | Lecture           |
| Spring 2022 | CS4000   | 4000  | Social                      | CS  | Computer                      | 3 | Impact of computers and computing on society. Topics include privacy, dangers introduced by  | UG | LE | Lecture           |
| Spring 2022 | PLS6570  | 6570  | Pol. Developing Nations     | PLS | Political Science             | 3 | Exploration of politics, economy, society, and international relations of developing nations.  | GR | SE | Seminar           |
| Spring 2022 | MUS4510  | 4510  | Piano Literature I          | MUS | Music                         | 3 | A survey of the literature of the piano and its predecessors--clavichord, harpsichord, and the pianoforte--from the early English Virginal music to the present time.                        | UG | LE | Lecture           |
| Spring 2022 | HST4820  | 4820  | Military History            | HST | History                       | 3 | Intensive analysis of topics in the history of military affairs in the world since the late 15th   | UG | LE | Lecture           |
| Spring 2022 | NUR3440  | 3440  | Nur Wom &                   | NUR | Nursing                       | 1 | Focuses on critical reasoning and care of women and expanding families including mothers,  | UG | LE | Lecture           |
| Spring 2022 | CS7600   | 7600  | Trust Networks              | CS  | Computer Science              | 3 | This course will introduce the fundamental concepts relevant to trust and security, and explore trust management issues in the context of interpersonal, sensor, and social networks.        | GR | LE | Lecture           |
| Spring 2022 | KNH1280  | 1280  | H2O Moves with Step         | KNH | Kinesiology & Health          | 1 | Fundamental skills and knowledge of H2O Moves with Step. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab               |
| Spring 2022 | EGR2980L | 2980L | Special Topics in EGR Lab   | EGR | Engineering                   | 0 | Required laboratory for EGR 2980.  | UG | LB | Lab               |
| Spring 2022 | ISE2211  | 2211  | Statistics for              | ISE | Industrial &                  | 3 | Application of statistical techniques to engineering testing, development, and manufacturing.  | UG | LE | Lecture           |
| Spring 2022 | GEO6410  | 6410  | Cartography                 | GEO | Geography                     | 4 | Study of the basic concepts of cartography, including components of maps, coordinate system,   | GR | LL | Lecture/Lab       |

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| Spring 2022 | LAT5550  | 5550  | Readings in                 | LAT | Latin                        | 3 | Roman lyric and elegiac poetry: Virgil's Eclogues; Catullus, Horace, Propertius, Tibullus, and  | GR | LE | Lecture                 |
| Spring 2022 | HPR2040  | 2040  | Adventure Education         | HPR | Health Phy Educ & Recreation | 3 | Develops knowledge, skills and dispositions to successfully implement Adventure Education curriculum in pre K-12 physical education programs.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | PHL5310  | 5310  | Modern                      | PHL | Philosophy                   | 3 | Introduction to classic texts and thinkers in political philosophy from the 16th century to the   | GR | LE | Lecture                 |
| Spring 2022 | SW4810   | 4810  | Social Work                 | SW  | Social Work                  | 3 | Develops a framework for understanding micro-inclusive practice interventions with individuals  | UG | LE | Lecture                 |
| Spring 2022 | GEO3200  | 3200  | Comm/Region                 | GEO | Geography                    | 3 | Development of city planning as a professional discipline that has significantly shaped urban   | UG | LE | Lecture                 |
| Spring 2022 | EE4210L  | 4210L | Digital Comm                | EE  | Electrical                   | 1 | Hands-on experience with modulation/demodulation modules and experimentation with   | UG | LB | Lab                     |
| Spring 2022 | STT4240  | 4240  | Stat Quality                | STT | Statistics                   | 3 | Statistical process control for attributes and variables data: probability distributions, sampling  | UG | LE | Lecture                 |
| Spring 2022 | MP1310   | 1310  | The Moving                  | MP  | Motion Picture               | 3 | Introduction to film appreciation and analysis. Surveys basic theoretical and philosophical   | UG | LE | Lecture                 |
| Spring 2022 | BIO6240  | 6240  | Disease                     | BIO | Biology                      | 3 | The class will cover topics such as mathematical theory on host-pathogen interactions;  | GR | LE | Lecture                 |
| Spring 2022 | MI7720   | 7720  | Mechanisms of Cell Death    | MI  | Microbiology & Immunology    | 2 | Signalling and Molecular mechanisms of Apoptotic Cell Death and relationship to human diseases.   | GR | LE | Lecture                 |
| Spring 2022 | BIO3250L | 3250L | Basic Cell Culture Tech Lab | BIO | Biology                      | 0 | Required laboratory for BIO 3250.   | UG | LB | Lab                     |
| Spring 2022 | SW3700   | 3700  | Hum Behav Soc Env           | SW  | Social Work                  | 3 | Analysis of human behaviors in order to guide assessment, intervention, and evaluation of micro, mezzo, and macro social work practice.   | UG | LE | Lecture                 |
| Spring 2022 | SOC6080  | 6080  | Independent Study           | SOC | Sociology                    | 1 | Research project in an area of specialized interest in Sociology.   | GR | IS | Independent Study       |
| Spring 2022 | IHE6990  | 6990  | Independ Study in IHE I     | IHE | Industrial & Hum Fac Engr    | 1 | Graduate independent studies in advanced industrial and human factors engineering. Topics vary.   | GR | IS | Independent Study       |
| Spring 2022 | ECE7600  | 7600  | Integ Lit & Express Art     | ECE | Education - Early Childhood  | 3 | Planning literacy experiences that incorporate visual arts, poetry, music, and creative movement.   | GR | LE | Lecture                 |
| Spring 2022 | NUR7734  | 7734  | NNP Practice                | NUR | Nursing                      | 7 | The clinical focus of this course is on continuing clinical competencies for the nurse  | GR | LE | Lecture                 |
| Spring 2022 | MKT3200  | 3200  | Principles of Selling       | MKT | Marketing                    | 3 | Introduces professional selling in the business environment. Includes sales ethics and professionalism, persuasive communication, buying motives, and the professional selling process. | UG | LE | Lecture                 |
| Spring 2022 | GEO3400  | 3400  | Urban                       | GEO | Geography                    | 3 | Spatial development of urban areas in United States and selected urban areas globally.  | UG | LE | Lecture                 |
| Spring 2022 | PLS6822  | 6822  | Congress Dist Internship    | PLS | Political Science            | 3 | Intern 12-15 hours per week in one of the area's congressional district local offices to assist staff with constituency casework.   | GR | IN | Internship              |
| Spring 2022 | ENG3570  | 3570  | Reading                     | ENG | English                      | 3 | Advanced strategies for teaching reading to middle school and adolescent students with  | UG | LE | Lecture                 |
| Spring 2022 | HPR4450  | 4450  | Checkpoint 3                | HPR | Health Phy                   | 3 | Monitors and supports the professional progress of health and physical education licensure  | UG | LE | Lecture                 |
| Spring 2022 | PSY2620  | 2620  | Animal                      | PSY | Psychology                   | 3 | Introduces the adaptive function of animal behavior, from the simple to the complex.  | UG | LE | Lecture                 |
| Spring 2022 | EE6620   | 6620  | Digital Circuit             | EE  | Electrical                   | 3 | Digital design with behavioral level VHDL; application of VHDL to the design, analysis, and   | GR | LE | Lecture                 |
| Spring 2022 | PTX7130  | 7130  | P&T Journal Club-Summer     | PTX | Pharmacology/ Toxicology     | 1 | WSU P&T faculty driven course. Students are presented with current literature on around a specific topic. The students will give presentations on the material.                         | GR | SE | Seminar                 |
| Spring 2022 | REL5620  | 5620  | New Religious Movements     | REL | Religion                     | 3 | Examines a variety of new religious movements in America, including Shakers, Mormons, Seventh-Day Adventists, Jehovah's Witnesses, and Christian Scientists.                            | GR | LE | Lecture                 |
| Spring 2022 | ART4370  | 4370  | Install/Perform             | ART | Art                          | 3 | Development of personal concepts and aesthetic expression in the fabrication and  | UG | LB | Lab                     |
| Spring 2022 | ATR2620  | 2620  | Emergency Medical Response  | ATR | Athletic Training            | 4 | Recognition and management of athletic emergencies and relationships of allied health care providers.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | DAN4920  | 4920  | Senior Dance                | DAN | Dance                        | 1 | Advanced work in creative dance projects. Showcases skills of graduating seniors with   | UG | LB | Lab                     |
| Spring 2022 | EES2010  | 2010  | Hydrology                   | EES | Earth &                      | 3 | Hydrology and the distribution and availability of water resources; natural and anthropogenic   | UG | LE | Lecture                 |
| Spring 2022 | NUR3480  | 3480  | Nursing Care                | NUR | Nursing                      | 1 | Focuses on critical reasoning and nursing care of adults in acute care settings. Delivery of  | UG | LE | Lecture                 |
| Spring 2022 | AFS4990  | 4990  | Topics African Am           | AFS | Afr /Afr Amer Studies        | 3 | Historical and current issues in African and African American studies. Integrated Writing course.   | UG | LE | Lecture                 |

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| Spring 2022 | ED8200  | 8200 | Adv Stu Sem II: Capstone | ED  | Education                      | 2   | Seminar will focus on the master's capstone project and other program key assessments.   | GR | SE | Seminar           |
| Spring 2022 | WGS4050 | 4050 | Topics Gender&Sexuality  | WGS | Women, Gender, and Sexuality   | 3   | Issues, approaches, and topics in the field of gender and sexuality studies. Titles and topics vary.   | UG | LE | Lecture           |
| Spring 2022 | BMB4450 | 4450 | Medical Biochemistry     | BMB | Biochem & Molecular Biology    | 3   | Emphasizes biochemistry and the biochemical principles of diseases.  | UG | LE | Lecture           |
| Spring 2022 | MKT7970 | 7970 | MS in                    | MKT | Marketing                      | 3   | The course provides students with experience of working with a real dataset to complete a  | GR | LE | Lecture           |
| Spring 2022 | EES6060 | 6060 | Earth Sys for            | EES | Earth &                        | 3.5 | The course investigates the processes that impact the Earth system such as volcanic  | GR | LL | Lecture/Lab       |
| Spring 2022 | EES4210 | 4210 | Struct Geology           | EES | Earth &                        | 4   | Study of the three-dimensional distribution of rock units. Deformational structures such as  | UG | LL | Lecture/Lab       |
| Spring 2022 | LEP0110 | 0110 | Writing - Level 1        | LEP | LEAP                           | 0   | Writing for beginning ESL students. This course has a fee that is non-refundable once the term begins.   | UG | LE | Lecture           |
| Spring 2022 | BME4703 | 4703 | Medical Imaging          | BME | Biomedical Engineering         | 4   | Overview of the various methods used in generating images in medicine. Basic principles of the image-forming process and the physical properties of the resultant image are discussed. | UG | LE | Lecture           |
| Spring 2022 | PSY9080 | 9080 | Item Response            | PSY | Psychology                     | 4   | Issues in item response theory (IRT) are reviewed using statistical software programs. These   | GR | LE | Lecture           |
| Spring 2022 | PSI9980 | 9980 | Prof                     | PSI | Professional                   | 1   | An original creative work, produced independently by the student with guidance from the  | GR | IS | Independent       |
| Spring 2022 | ED8500  | 8500 | Spec Studies in Learning | ED  | Education                      | 1   | Independent Study in a selected area of learning.  | GR | IS | Independent Study |
| Spring 2022 | SLI2800 | 2800 | Interpreting I           | SLI | Sign                           | 3   | Fundamentals of the ability to interpret between the source and target languages of ASL and  | UG | LE | Lecture           |
| Spring 2022 | PHY4810 | 4810 | Electromagnetic Theory I | PHY | Physics                        | 4   | Emphasis on electromagnetic field theory and mathematical techniques.  | UG | LE | Lecture           |
| Spring 2022 | PHY8990 | 8990 | Research                 | PHY | Physics                        | 3   | Provides students opportunities for directed study or laboratory work in a specialized field of interest. Intended for thesis preparation. May be repeated.                            | GR | IS | Independent Study |
| Spring 2022 | PSY8440 | 8440 | Task                     | PSY | Psychology                     | 3   | This course extends the theoretical understanding of human capabilities to the analysis of   | GR | SE | Seminar           |
| Spring 2022 | FIN3210 | 3210 | International            | FIN | Finance                        | 3   | Study of the international aspects of financial management. Topics include foreign exchange  | UG | LE | Lecture           |
| Spring 2022 | ART4780 | 4780 | Advanced                 | ART | Art                            | 3   | Further development of personal concepts and aesthetic expression in sculpture. Emphasis on  | UG | LB | Lab               |
| Spring 2022 | DOS9050 | 9050 | Adv Rsrch Methods I      | DOS | Doctor Org Studies             | 3   | Individual and group study of ongoing social sciences research.  | GR | SE | Seminar           |
| Spring 2022 | PHY2400 | 2400 | General                  | PHY | Physics                        | 4   | Introductory survey of mechanics for science and engineering students. Uses of interpreting  | UG | LE | Lecture           |
| Spring 2022 | REL3460 | 3460 | Confucianism             | REL | Religion                       | 3   | Survey of Confucianism in Chinese history, including classical expressions of Confucian  | UG | LE | Lecture           |
| Spring 2022 | PLS6270 | 6270 | Public Policy Analysis   | PLS | Political Science              | 3   | Study of the policy development process and its relationship to past and current urban issues. Focuses on a current urban issue through discussion, reading, and research.             | GR | LE | Lecture           |
| Spring 2022 | CTE7300 | 7300 | Research in              | CTE | Career and                     | 3   | Review of current and historical research articles, research writing and APA style. Candidates   | GR | LE | Lecture           |
| Spring 2022 | EES3170 | 3170 | Coastal                  | EES | Earth &                        | 2   | Introduction to the seashore and ocean system intended for educators. Topics include the   | UG | LL | Lecture/Lab       |
| Spring 2022 | ART4740 | 4740 | New Tech in              | ART | Art                            | 3   | Development of personal concepts and aesthetic expression in new technologies in sculpture.  | UG | LB | Lab               |
| Spring 2022 | EDS6420 | 6420 | Curriculum               | EDS | Education -                    | 3   | Methods/materials for assessing/teaching individuals with moderate/intensive needs in  | GR | LE | Lecture           |
| Spring 2022 | IDL7120 | 7120 | Instruct Design          | IDL | Instructional                  | 3   | Participants will learn the basic concepts and elements of an instructional design model. The  | GR | LE | Lecture           |
| Spring 2022 | GER4310 | 4310 | 20th Cent                | GER | German                         | 3   | Readings and reports in 20th-century prose. Representative works of Hesse, Mann, Kafka,  | UG | LE | Lecture           |
| Spring 2022 | EES6780 | 6780 | Environ Sciences Seminar | EES | Earth & Environmental Sciences | 1   | Students examine a range environmental issues using readings both pro and con. They also explore several issues in greater depth and present their findings to the class.              | GR | LE | Lecture           |
| Spring 2022 | ISM8000 | 8000 | Research &               | ISM | Interdis. Appl.                | 3   | This course will introduce ISM students to the ongoing research activities within the program  | GR | LE | Lecture           |
| Spring 2022 | ABS7604 | 7604 | Sem Social Problems      | ABS | Applied Behavioral Science     | 1   | In-depth coverage of special topics in applied behavioral science/social problems. Topics vary. 1-2 credit hours.  | GR | LE | Lecture           |
| Spring 2022 | EES4130 | 4130 | Map Design               | EES | Earth &                        | 2   | Theory and applications of Geographic Information Systems (GIS) and how to utilize the GIS   | UG | LL | Lecture/Lab       |
| Spring 2022 | EES6340 | 6340 | Mapping                  | EES | Earth &                        | 2   | This course teaches the key basic skills of mapping and measurement with a Brunton   | GR | LL | Lecture/Lab       |

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| Spring 2022 | BMS7330  | 7330  | Adv Inorganic Chem I         | BMS | Biomedical Sciences     | 2 | Study of the modern theories of valence, structural inorganic chemistry, and the chemistry of nonmetals.  | GR | LE | Lecture                 |
| Spring 2022 | ME4140   | 4140  | Mechanical                   | ME  | Mechanical              | 3 | Fundamental concepts in design for both static and fatigue loading, with application to   | UG | LE | Lecture                 |
| Spring 2022 | SW4880   | 4880  | SW Field                     | SW  | Social Work             | 3 | Individual learning experiences under the supervision of an agency field instructor, with   | UG | PR | Practicum               |
| Spring 2022 | CEG3500  | 3500  | Intro                        | CEG | Computer                | 3 | Introduces students to extended reality (XR) technologies and their use. Extended Reality   | UG | LE | Lecture                 |
| Spring 2022 | BIO4430L | 4430L | Vertebrate Histology Lab     | BIO | Biology                 | 0 | Required laboratory for BIO 4430.   | UG | LB | Lab                     |
| Spring 2022 | GER5110  | 5110  | German Conversation I        | GER | German                  | 3 | Emphasis on the culture of the German-speaking world.   | GR | LE | Lecture                 |
| Spring 2022 | KNH7400  | 7400  | Admin-                       | KNH | Kinesiology &           | 3 | Ways of directing interscholastic athletic programs. Emphasis on personnel administration,  | GR | LE | Lecture                 |
| Spring 2022 | MUS4360  | 4360  | Counterpoint                 | MUS | Music                   | 3 | Introduction to contrapuntal techniques. Exercises in species counterpoint, imitation and fugal devices. Analysis of examples from the Renaissance to the 20th century.           | UG | LE | Lecture                 |
| Spring 2022 | ENG7520  | 7520  | TESOL:                       | ENG | English                 | 3 | Reading, research, reports, and discussion on topics dealing with TESOL reading and writing.  | GR | SE | Seminar                 |
| Spring 2022 | PN4990   | 4990  | Spec Prob in                 | PN  | Physiology &            | 1 | Exploration of potential careers in physiology. Studies may vary from working with instructor on  | UG | IS | Independen              |
| Spring 2022 | PHY5710  | 5710  | Mechanics                    | PHY | Physics                 | 3 | Intermediate problems in statics, kinematics, and dynamics; the study of equilibrium of forces,   | GR | LE | Lecture                 |
| Spring 2022 | HST7930  | 7930  | Continuing Registration      | HST | History                 | 1 | Continuing registration.  | GR | IS | Independent Study       |
| Spring 2022 | CLS1500  | 1500  | Greek and                    | CLS | Classics                | 3 | Survey of the development of classical culture from prehistoric Greece to the fall of the Roman   | UG | LE | Lecture                 |
| Spring 2022 | KNH2840  | 2840  | Practicum in                 | KNH | Kinesiology &           | 1 | Supervised field work for sophomore students who are seeking certification or a concentration   | UG | PR | Practicum               |
| Spring 2022 | SCM3300  | 3300  | Quality & Process Mgmt       | SCM | Supply Chain Management | 3 | Principles of process and quality improvement using Six Sigma principles, value stream mapping, and Baldrige assessment.  | UG | LE | Lecture                 |
| Spring 2022 | ATH6420  | 6420  | Archaeology of               | ATH | Anthropology            | 3 | Discussion of large scale forms of conflict of the past 500 years such as warfare, structural   | GR | LE | Lecture                 |
| Spring 2022 | SOC5220  | 5220  | Juvenile Delinquency         | SOC | Sociology               | 3 | Problems of definition and treatment of delinquency; preparation for further study and work with delinquents.   | GR | LE | Lecture                 |
| Spring 2022 | CLS3500  | 3500  | Ancient Culture and          | CLS | Classics                | 3 | Special topics in ancient culture and civilization based on literature, art, archaeology, legal documents, and other sources. Integrated Writing course.                          | UG | LE | Lecture                 |
| Spring 2022 | ED2800   | 2800  | Cultural                     | ED  | Education               | 3 | Examines historical and current racial, ethnic, gender, sexual orientation, linguistic, and social  | UG | LE | Lecture                 |
| Spring 2022 | MUE2460  | 2460  | University Saxophone Quartet | MUE | Music: Ensembles        | 1 | Performs saxophone quartet repertoire ranging from classic to jazz to contemporary. Audition required.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | EDL7400  | 7400  | Legal & Prof                 | EDL | Educational             | 1 | The legal framework of compulsion in education, the civil liberties of teachers curriculum  | GR | LE | Lecture                 |
| Spring 2022 | MTH2310  | 2310  | Calculus II                  | MTH | Mathematics             | 4 | Integration techniques, applications of the definite integral, numeral integration and improper   | UG | LE | Lecture                 |
| Spring 2022 | ART5140  | 5140  | Studies in Baroque Art       | ART | Art                     | 3 | General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary.   | GR | LE | Lecture                 |
| Spring 2022 | KNH1380  | 1380  | Kayaking:                    | KNH | Kinesiology &           | 1 | Fundamental skills and knowledge of Kayaking: Recreational. Competency-based approach.  | UG | LB | Lab                     |
| Spring 2022 | EC6350   | 6350  | Comparative                  | EC  | Economics               | 3 | Compares economic institutions of industrialized countries including the newly industrialized   | GR | LE | Lecture                 |
| Spring 2022 | SPN3550  | 3550  | SPN Serv                     | SPN | Spanish                 | 3 | Students engage in an international service learning project in teaching, translation or  | UG | PR | Practicum               |
| Spring 2022 | PPH8220  | 8220  | Public Health                | PPH | Population &            | 3 | This course provides the opportunity to apply, integrate, and synthesize knowledge and  | GR | IS | Independen              |
| Spring 2022 | SOC4090  | 4090  | Studies in                   | SOC | Sociology               | 1 | Problems, approaches, and topics in the field of sociology. Topics vary. Credit will not be   | UG | LE | Lecture                 |
| Spring 2022 | SOC6320  | 6320  | Neighborhood                 | SOC | Sociology               | 3 | Theoretical, methodological, and substantive issues related to neighborhoods and  | GR | LE | Lecture                 |
| Spring 2022 | MUS4010  | 4010  | Teach Mus In                 | MUS | Music                   | 3 | Orientation to teaching in a pluralistic society and awareness of the total global community.   | UG | LE | Lecture                 |
| Spring 2022 | KNH1180B | 1180B | Dance: Swing                 | KNH | Kinesiology & Health    | 1 | Fundamental skills and knowledge of Dance: Swing. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | FR3610   | 3610  | French                       | FR  | French                  | 3 | Pronunciation, diction, rhythm, and intonation. Transcription exercises and oral production.  | UG | LE | Lecture                 |
| Spring 2022 | PSY2530  | 2530  | Influence and                | PSY | Psychology              | 3 | Examines the importance of attitude formation, structure, and change, which special emphasis  | UG | LE | Lecture                 |
| Spring 2022 | ME6850   | 6850  | Nano-scale Sci               | ME  | Mechanical              | 3 | Students will be introduced to Nano-scale science and engineering in terms of the nano-scale  | GR | LE | Lecture                 |
| Spring 2022 | ES8130   | 8130  | Dissertation                 | ES  | Environmental           | 1 | Planning and execution of scholarly original research of a quality that is publishable in a   | GR | IS | Independen              |
| Spring 2022 | HST4050  | 4050  | Medieval History             | HST | History                 | 3 | Examines the period following the decline of the Roman Empire to ca. 1450. Topics vary and can include European, Islamic, and Byzantine civilizations. Integrated Writing course. | UG | LE | Lecture                 |

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| Spring 2022 | PSY8420  | 8420  | Mental Workload              | PSY | Psychology                   | 3   | This course reviews the major theories and practices of mental workload measurement, including a review of the research relevant to them. Applications to human factors will be discussed. | GR | SE | Seminar                 |
| Spring 2022 | PSY8630  | 8630  | Psychometrics                | PSY | Psychology                   | 2   | <b> Department Managed Prerequisite(s): Graduate level PSY 7010 Minimum Grade of D</b>   | GR | SE | Seminar                 |
| Spring 2022 | EGR4610  | 4610  | Clinical Engr                | EGR | Engineering                  | 3   | Students will be exposed to the culture of a developing country; learn how to live and interact  | UG | PR | Practicum               |
| Spring 2022 | SPN2120  | 2120  | IntSpnII:                    | SPN | Spanish                      | 3   | Continued study of intermediate Spanish with emphasis on law enforcement and social work   | UG | LE | Lecture                 |
| Spring 2022 | CEG6422  | 6422  | Secure                       | CEG | Computer                     | 3   | This course describes computing practices that one should adopt to improve security in all   | GR | LE | Lecture                 |
| Spring 2022 | CEG6360  | 6360  | Distrib Sys &                | CEG | Computer                     | 3   | Study of process communication, core distributed algorithms, distributed file systems, cloud   | GR | LE | Lecture                 |
| Spring 2022 | HST7200  | 7200  | Seminar in Ancient Hist      | HST | History                      | 3   | Examines selected problems in Greek or Roman history to the death of Constantine in A.D. 337. Topics vary.   | GR | SE | Seminar                 |
| Spring 2022 | MUE4460  | 4460  | University Saxophone Quartet | MUE | Music: Ensembles             | 1   | Performs saxophone quartet repertoire ranging from classic to jazz to contemporary. Audition required.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | GEO4410  | 4410  | Cartography                  | GEO | Geography                    | 4   | Basic concepts of cartography, including components of maps, coordinate system, spatial  | UG | LE | Lecture                 |
| Spring 2022 | PHL6810  | 6810  | Independent Study            | PHL | Philosophy                   | 1   | Faculty-directed, individualized study on student-selected topics. Limited to advanced students. Permission of faculty and a minimum 3.5 GPA required.                                     | GR | IS | Independent Study       |
| Spring 2022 | PHL3780  | 3780  | Bioethics                    | PHL | Philosophy                   | 3   | Major ethical problems arising in medical settings. Issues include the value of human life, abortion, euthanasia, the status of advanced directives, cloning, and genetic enhancement.     | UG | LE | Lecture                 |
| Spring 2022 | STT7400  | 7400  | Categoric Data               | STT | Statistics                   | 3   | Standard techniques for analyzing and describing two-dimensional contingency tables.   | GR | LE | Lecture                 |
| Spring 2022 | ECE4800  | 4800  | ECE                          | ECE | Education -                  | 3   | Seminar course prepares ECE teacher candidates for entering the field of teaching. Topics  | UG | SE | Seminar                 |
| Spring 2022 | BMS7350  | 7350  | Human Cont                   | BMS | Biomedical                   | 3   | Modeling, design and analysis of the physiological and cognitive performance of the human  | GR | LE | Lecture                 |
| Spring 2022 | ML2020   | 2020  | Chinese Culture in Film      | ML  | Modern Languages             | 3   | Chinese culture and traditions in film, with special emphasis on issues related to nationhood, modernity, education, gender roles, family values, equality, and globalization.             | UG | LE | Lecture                 |
| Spring 2022 | PSY8270  | 8270  | Cognitive                    | PSY | Psychology                   | 3   | This graduate course will introduce students to current topics and controversies in cognitive  | GR | LE | Lecture                 |
| Spring 2022 | KNH1610A | 1610A | Strengthen & Tone            | KNH | Kinesiology & Health         | 1   | Fundamental skills and knowledge of Strengthen & Tone. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | SLI3900  | 3900  | Interpreter                  | SLI | Sign                         | 3   | Preparation for practicum - reading and discussing current events and topics within the field,   | UG | LE | Lecture                 |
| Spring 2022 | URS4470  | 4470  | Pub/Hum                      | URS | Urban Affairs                | 3   | Principles of developing and managing public and human service transportation systems  | UG | LE | Lecture                 |
| Spring 2022 | PSY2150  | 2150  | Psy Principles in Films      | PSY | Psychology                   | 3   | Studies principles of psychology and their application through commercial films.   | UG | LE | Lecture                 |
| Spring 2022 | PPH7660  | 7660  | Public Health                | PPH | Population &                 | 3   | This course provides an in-depth investigation of terrorists, their targets and potential methods  | GR | LE | Lecture                 |
| Spring 2022 | ED6775   | 6775  | MA:CIS Curr &                | ED  | Education                    | 3   | This course explores computer information science as a discipline that encourages inquiry,   | GR | LE | Lecture                 |
| Spring 2022 | SPN3260  | 3260  | Business                     | SPN | Spanish                      | 3   | Study of the business culture behind Spanish. Development of the communication skills and  | UG | LE | Lecture                 |
| Spring 2022 | EC2900   | 2900  | Global Econ                  | EC  | Economics                    | 3   | Analyzes controversy and diversity of opinions regarding global economic, business, and  | UG | LE | Lecture                 |
| Spring 2022 | FMS1310  | 1310  | Intro to Film                | FMS | Film and                     | 3   | Examines critical approaches of authorship, genre, presentation, and narrative, with an  | UG | LE | Lecture                 |
| Spring 2022 | SAA7650  | 7650  | Internship I in SAHE         | SAA | Student Affairs in Higher Ed | 1   | This field-based experience provides students with practice and supervision in areas of interest in SAHE.  | GR | IN | Internship              |
| Spring 2022 | ATH3320  | 3320  | Human                        | ATH | Anthropology                 | 3   | An exploration of biological variation in contemporary human populations and an examination  | UG | LE | Lecture                 |
| Spring 2022 | PSY9070  | 9070  | Multilevel                   | PSY | Psychology                   | 4   | At the conclusion of the course, students will have a working knowledge of the basics of   | GR | LE | Lecture                 |
| Spring 2022 | BMS7136  | 7136  | Inst for                     | BMS | Biomedical                   | 3   | Theoretical and practical consideration of radiation detectors and associated instrumentation,   | GR | LL | Lecture/Lab             |
| Spring 2022 | SLI4800  | 4800  | Advanced                     | SLI | Sign                         | 4   | Continues enhancement of ability to produce an equivalent message, working between ASL   | UG | LE | Lecture                 |
| Spring 2022 | ECO5690  | 5690  | Insurance                    | ECO | Center for                   | 2   | This course is designed for teachers with minimal knowledge of insurance principals and to   | GR | LL | Lecture/Lab             |
| Spring 2022 | ITA1020  | 1020  | Beginning                    | ITA | Italian                      | 3   | Communicative introduction to Italian. Study of the vocabulary and structure of the Italian  | UG | LE | Lecture                 |
| Spring 2022 | EES6010  | 6010  | Topics Earth &               | EES | Earth &                      | 0.5 | Advanced topics of current interest in the earth and environmental sciences presented in   | GR | LE | Lecture                 |
| Spring 2022 | FIN4020  | 4020  | Real Money                   | FIN | Finance                      | 3   | Provides hands-on experience in managing an investment portfolio using real money from the   | UG | LE | Lecture                 |
| Spring 2022 | TH2550   | 2550  | Speech II                    | TH  | Theatre                      | 2   | Techniques in voice and speech to strengthen and expand the student's instrument and skills.   | UG | LL | Lecture/Lab             |

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|-------------|----------|-------|------------------------------|-----|--------------------------------|-----|---|----|----|-------------------------|
| Spring 2022 | BIO1150L | 1150L | Organisms & Ecosystems Lab   | BIO | Biology                        | 0   | Required laboratory for BIO 1150.   | UG | LB | Lab                     |
| Spring 2022 | PHY2400R | 2400R | General Physics I Recitation | PHY | Physics                        | 0   | Required recitation for PHY 2400.   | UG | RE | Recitation              |
| Spring 2022 | NUR6903  | 6903  | School Nursing               | NUR | Nursing                        | 3   | Within the school environment, the school nurse student will focus on meeting the needs of  | GR | PR | Practicum               |
| Spring 2022 | SOC3110  | 3110  | Sociology of                 | SOC | Sociology                      | 3   | Explores the influence that various religions have on society and, in turn, on the effect of social   | UG | LE | Lecture                 |
| Spring 2022 | IHE7020  | 7020  | Systems                      | IHE | Industrial &                   | 3   | Exposes students to the design of systems and tools for the analysis of complex technological   | GR | LE | Lecture                 |
| Spring 2022 | HST4900  | 4900  | Research Seminar             | HST | History                        | 3   | Tools and techniques for preparing a significant research paper in conformity with contemporary standards. Integrated Writing course.   | UG | SE | Seminar                 |
| Spring 2022 | EE3260   | 3260  | Random                       | EE  | Electrical                     | 3   | Practical introduction to random events, characterization of stochastic signals, first and second   | UG | LE | Lecture                 |
| Spring 2022 | URS4280  | 4280  | Criminal                     | URS | Urban Affairs                  | 3   | Examines bureaucratic and scientific management theory, as well as human relations and  | UG | LE | Lecture                 |
| Spring 2022 | ME4190   | 4190  | Intro Engr                   | ME  | Mechanical                     | 3   | Define various lubrication regimes where mechanical elements in automotive, aerospace,  | UG | LE | Lecture                 |
| Spring 2022 | FIN4780  | 4780  | Hon: Ind Study in Finance    | FIN | Finance                        | 1   | Research in finance for fulfillment of the Honors program project requirement.  | UG | IS | Independent Study       |
| Spring 2022 | CEG4500  | 4500  | Computer                     | CEG | Computer                       | 3   | Raster graphics algorithms, geometric primitives and their attributes, clipping, antialiasing,  | UG | LE | Lecture                 |
| Spring 2022 | HPR3030  | 3030  | Teaching Net/Wall Games      | HPR | Health Phy Educ & Recreation   | 3   | Models best teaching practices in net/wall games such as badminton, tennis and volleyball. Students are required to demonstrate skill proficiency.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | SOC4710  | 4710  | Victimology                  | SOC | Sociology                      | 3   | A comprehensive examination of victims of crime in both the United States and internationally. Also explores the role and impact of the criminal justice system on crime victims.                       | UG | LE | Lecture                 |
| Spring 2022 | MGT4950  | 4950  | HR Capstone                  | MGT | Management                     | 3   | Address timely and important issues for human resource professionals. This course requires  | UG | LE | Lecture                 |
| Spring 2022 | PLS5990  | 5990  | Studies in Select Topics     | PLS | Political Science              | 3   | Problems, approaches and topics in the field of political science.  | GR | LE | Lecture                 |
| Spring 2022 | PLS6740  | 6740  | Pol of Women & Terror        | PLS | Political Science              | 3   | Examines the political behavior of women in terrorism, including an analysis of the roles females play in different groups, and differing theories to explain recent changes in the field.              | GR | SE | Seminar                 |
| Spring 2022 | SLI4560  | 4560  | Legal                        | SLI | Sign                           | 3   | Introduces the American legal system and interpreting for the Deaf in that setting. Arrest,   | UG | LE | Lecture                 |
| Spring 2022 | CS5250   | 5250  | Comp Data                    | CS  | Computer                       | 3   | Introduction to the representation, manipulation, and analysis of large datasets from a user's  | GR | LE | Lecture                 |
| Spring 2022 | REL3470  | 3470  | Zen Buddhism                 | REL | Religion                       | 3   | Survey of the history, doctrines, and practices of Zen Buddhism in China, Japan, and the  | UG | LE | Lecture                 |
| Spring 2022 | PHL3410  | 3410  | Aesthetics & Phil of Art     | PHL | Philosophy                     | 3   | Exploration of philosophical theories of art. Students will critically examine their artistic experiences and prejudices to develop a richer sense of why we value the arts. Integrated Writing course. | UG | LE | Lecture                 |
| Spring 2022 | AFS3890  | 3890  | Variable Topics              | AFS | Afr /Afr Amer Studies          | 3   | Examines variable topics that pertain to the African African American experience. Integrated Writing course.  | UG | LE | Lecture                 |
| Spring 2022 | PSY3410  | 3410  | Lifespan                     | PSY | Psychology                     | 3   | Survey of psychological theories and research used in the study of human development to   | UG | LE | Lecture                 |
| Spring 2022 | PHY1120R | 1120R | Principles of Physics II Rec | PHY | Physics                        | 0   | Required recitation for PHY 1120.   | UG | RE | Recitation              |
| Spring 2022 | BMB7630  | 7630  | NMR Spectro                  | BMB | Biochem &                      | 3   | Also listed as BMS 7630 and BME 7630. Discusses the applications of NMR spectroscopy to   | GR | LE | Lecture                 |
| Spring 2022 | MUS3290L | 3290L | Adv Choral Cond Lab I        | MUS | Music                          | 1   | Builds upon the previously gained conducting experiences and knowledge.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | MUS3240  | 3240  | Instrumental Conducting      | MUS | Music                          | 2   | Practical applications of conducting, teaching, and rehearsing in actual conducting situations with live instrumental performers.   | UG | LE | Lecture                 |
| Spring 2022 | EE7440   | 7440  | RF Power                     | EE  | Electrical                     | 3   | The course covers the fundamental theory of radio frequency (RF) power amplifiers and their   | GR | LE | Lecture                 |
| Spring 2022 | EES5990  | 5990  | Spec Probs Earth Env Sci     | EES | Earth & Environmental Sciences | 0.5 | Research and problems designed for specific needs and talents of students at the graduate level. May be taken for a letter grade or pass/unsatisfactory.  | GR | IS | Independent Study       |
| Spring 2022 | MUS6360  | 6360  | Counterpoint                 | MUS | Music                          | 3   | Introduction to contrapuntal techniques.  | GR | LE | Lecture                 |
| Spring 2022 | NUR2400C | 2400C | Intro Clin Nursing Clinical  | NUR | Nursing                        | 0   | Required clinical for NUR 2400.   | UG | CL | Clinical                |



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|-------------|---------|-------|--------------------------|-----|----------------------------|---|--|----|----|-------------------------|
| Spring 2022 | BIO6010 | 6010  | Topics in Biology        | BIO | Biology                    | 1 | Advanced topics in modern biology of current interest. Topics vary.  | GR | LE | Lecture                 |
| Spring 2022 | PPH7170 | 7170  | PH Epidemiology II       | PPH | Population & Public Health | 3 | Through homework, readings, exercises and class projects, students will gain hands-on experience of epidemiologic research.  | GR | LE | Lecture                 |
| Spring 2022 | CLS5600 | 5600  | Ancient Mythology        | CLS | Classics                   | 3 | Greek and Roman mythology; aspects and approaches to the study of myth.  | GR | LE | Lecture                 |
| Spring 2022 | CTE6450 | 6450  | Essentials of            | CTE | Career and                 | 3 | Explores a historical timeline from vocational apprentice to CTE, federal legislation, legal   | GR | LE | Lecture                 |
| Spring 2022 | EE6170  | 6170  | Digital Cont Sys         | EE  | Electrical Engineering     | 3 | Samples spectra and aliasing, analysis and design of digital control systems using root locus and transform techniques, discrete equivalents of continuous controller and quantization effects.          | GR | LE | Lecture                 |
| Spring 2022 | BIO6470 | 6470  | Pop & Comm Ecology       | BIO | Biology                    | 3 | Derivation and use of deterministic and stochastic population models, methods of analyzing community structure, composition, and dynamics  | GR | LE | Lecture                 |
| Spring 2022 | MTH4820 | 4820  | Applied                  | MTH | Mathematics                | 3 | Use of integral transforms in the solution of differential and integral equations, Fourier series,   | UG | LE | Lecture                 |
| Spring 2022 | ME4770  | 4770  | Mech.                    | ME  | Mechanical                 | 3 | Crystal plasticity and single crystal behavior. Introduction to dislocation theory. Strengthening  | UG | LE | Lecture                 |
| Spring 2022 | NUR6902 | 6902  | Child/Adol Hlth Schools  | NUR | Nursing                    | 3 | Roles and responsibilities of the school nurse in managing care for children and adolescents with health needs in the school setting.  | GR | LE | Lecture                 |
| Spring 2022 | ED8800  | 8800  | Theor Issue Lifespan Dev | ED  | Education                  | 3 | Focuses on theoretical views of lifespan human development, mechanisms underpinning development, and the influence of nature and nurture in human development.   | GR | LE | Lecture                 |
| Spring 2022 | ME3120  | 3120  | Mechanics of             | ME  | Mechanical                 | 3 | Introduction to stress and deformation in deformable solids. Topics include axial loading,   | UG | LE | Lecture                 |
| Spring 2022 | PHY6270 | 6270  | Physics -                | PHY | Physics                    | 3 | Purpose and motivation for remote sensing; spectral temporal, spatial, and radiometric   | GR | LE | Lecture                 |
| Spring 2022 | TH1440  | 1440  | Acting I                 | TH  | Theatre                    | 3 | Introduction to fundamental aspects of acting, including imagination, personalization, pursuit of the objective, use of tactical choices and beginning use of text with introduction to script analysis. | UG | LL | Lecture/Lab Combination |
| Spring 2022 | EDT7200 | 7200  | SLM Programs             | EDT | Educational                | 4 | Focuses on the administration of school library programs including policies and procedures,  | GR | LL | Lecture/Lab             |
| Spring 2022 | EC7820  | 7820  | Research in              | EC  | Economics                  | 1 | Titles vary. Intensive reading or research in selected fields of economics.<b> Department  | GR | IS | Independent             |
| Spring 2022 | ME6520  | 6520  | Hydropower               | ME  | Mechanical                 | 3 | Topics covered are hydraulics of turbomachines for power generation, hydrologic analysis for   | GR | LE | Lecture                 |
| Spring 2022 | MUS2270 | 2270  | Woodwind Pedagogy        | MUS | Music                      | 1 | The study of materials, equipment, and class instruction in playing and teaching woodwind instruments in public school.  | UG | LE | Lecture                 |
| Spring 2022 | MUS6520 | 6520  | Piano Literature II      | MUS | Music                      | 3 | A survey of the literature of the piano and its predecessors--clavichord, harpsichord, and the pianoforte--from early English Virginal music to the present time.  | GR | LE | Lecture                 |
| Spring 2022 | ATH3910 | 3910  | Internship-              | ATH | Anthropology               | 3 | Directed and supervised experience in an employment setting relevant to one of the major   | UG | IN | Internship              |
| Spring 2022 | EE5450L | 5450L | Electromagnetics Lab     | EE  | Electrical Engineering     | 1 | Laboratory supporting EE 5450. Students will experience hands on learning in lab environment.  | GR | LB | Lab                     |
| Spring 2022 | CS4370  | 4370  | Par Prog Many            | CS  | Computer                   | 3 | This course will introduce an important trend in high-performance computing, the use of many-  | UG | LE | Lecture                 |
| Spring 2022 | PLS3700 | 3700  | International Theory     | PLS | Political Science          | 3 | Influential classical and contemporary contending theoretical perspectives in international relations and their critique. Integrated Writing course.   | UG | LE | Lecture                 |
| Spring 2022 | TH4410  | 4410  | Movement IV              | TH  | Theatre                    | 2 | Training in three weapons styles in preparation for the Skills Proficiency Test at the end of the  | UG | LL | Lecture/Lab             |
| Spring 2022 | PHY5510 | 5510  | Advanced Physics Lab - 2 | PHY | Physics                    | 2 | Laboratory projects designed to introduce the participant to modern physics laboratory techniques by doing standard measurements or reproducing historic experiments.                                    | GR | LB | Lab                     |
| Spring 2022 | MUE2700 | 2700  | Univ Symphony Orchestra  | MUE | Music: Ensembles           | 1 | Performs orchestral music of all styles and periods.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | BMB2500 | 2500  | Human                    | BMB | Biochem &                  | 3 | Nutrition as an integrated science emphasizing biochemical and physiological principles.   | UG | LE | Lecture                 |
| Spring 2022 | TH1070  | 1070  | Music Theory Actors II   | TH  | Theatre                    | 2 | Develops student understanding of rhythm, melody, sight-singing, and musical theatre piano in a group class.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | AVI2002 | 2002  | Private Pilot Flight Lab | AVI | Aviation                   | 2 | Aeronautical knowledge and experience. Develop the flight proficiency necessary to meet the requirements for a private pilot certificate.  | UG | LB | Lab                     |
| Spring 2022 | MUS4560 | 4560  | Vocal                    | MUS | Music                      | 3 | Survey of vocal literature from the 18th through   | UG | LE | Lecture                 |
| Spring 2022 | REL3550 | 3550  | Human Rights             | REL | Religion                   | 3 | A survey of the debate on human rights in China in relation to events in modern Chinese  | UG | LE | Lecture                 |

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|-------------|----------|-------|-----------------------------|-----|---------------------------|---|---|----|----|-------------------------|
| Spring 2022 | TH2200   | 2200  | Stagecraft                  | TH  | Theatre                   | 3 | In-depth study of scenery technology and its techniques. Advanced scenery construction and  | UG | LL | Lecture/Lab             |
| Spring 2022 | BME1950  | 1950  | Undergrad Resrch BME I      | BME | Biomedical Engineering    | 1 | Undergraduate research in biomedical engineering. Topics vary.  | UG | IS | Independent Study       |
| Spring 2022 | PSY4420  | 4420  | Organizational              | PSY | Psychology                | 3 | Communication-intensive seminar integrating knowledge on organizational psychology.   | UG | SE | Seminar                 |
| Spring 2022 | EE2020   | 2020  | Intro to                    | EE  | Electrical                | 3 | Learn to perform system level design integrated systems, program an embedded  | UG | LE | Lecture                 |
| Spring 2022 | BIO4720  | 4720  | Ornithology                 | BIO | Biology                   | 4 | Introduction to the world of birds. Covers a range of scales from genetics that underlie  | UG | LE | Lecture                 |
| Spring 2022 | ED6950   | 6950  | Cont Sem:                   | ED  | Education                 | 3 | Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical  | GR | SE | Seminar                 |
| Spring 2022 | MUE4700  | 4700  | Univ Symphony Orchestra     | MUE | Music: Ensembles          | 1 | Performs orchestral music of all styles and periods.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | EGR2980  | 2980  | Special Topics in EGR       | EGR | Engineering               | 1 | Special topics in Engineering and Computer Science.   | UG | LE | Lecture                 |
| Spring 2022 | HST7310  | 7310  | Seminar in Asian History    | HST | History                   | 3 | Examines topics from various periods of Chinese, Japanese, and other Asian histories. Topics vary.  | GR | SE | Seminar                 |
| Spring 2022 | EDT8210  | 8210  | App Psych Theory for DL     | EDT | Educational Technology    | 3 | Introduction to multimedia learning theory and how theory can be integrated into instructional design.  | GR | LE | Lecture                 |
| Spring 2022 | PPH7310  | 7310  | Public Hlth                 | PPH | Population &              | 3 | This is a general introduction to the ethical and legal foundations underlying public health in   | GR | LE | Lecture                 |
| Spring 2022 | REL3510  | 3510  | Comp. Asian Mysticism       | REL | Religion                  | 3 | Examination of the religious phenomenon and category of "mysticism" in various Asian traditions including Daoism, Hinduism, and Buddhism (both early Indian Buddhism and Japanese Zen). | UG | LE | Lecture                 |
| Spring 2022 | EED3150  | 3150  | Reading Methods P-5         | EED | Elementary Education P-5  | 3 | Formal reading instruction in classrooms; strategies and materials for teaching reading to children in grades P-5.  | UG | LE | Lecture                 |
| Spring 2022 | PSY3430  | 3430  | Developmental               | PSY | Psychology                | 4 | Survey of research design appropriate to developmental psychology. Topics to be covered   | UG | LE | Lecture                 |
| Spring 2022 | KNH1360  | 1360  | Karate                      | KNH | Kinesiology & Health      | 1 | Fundamental skills and knowledge of Karate. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | EE7430   | 7430  | HF Magnetic                 | EE  | Electrical                | 3 | This course will cover topics in the area of high-frequency power magnetic components, such   | GR | LE | Lecture                 |
| Spring 2022 | MTH2350  | 2350  | Diff Eq with                | MTH | Mathematics               | 4 | Introduction to differential equations with matrix theory. Matrices, determinants, vector spaces,   | UG | LE | Lecture                 |
| Spring 2022 | CEG6900  | 6900  | Special Topics in CEG       | CEG | Computer Engineering      | 1 | Special topics in computer engineering  | GR | LE | Lecture                 |
| Spring 2022 | ATH5600  | 5600  | Special Topics/Archaeology  | ATH | Anthropology              | 3 | Intensive graduate-level study of selected topics in archaeology. Topics vary.  | GR | LE | Lecture                 |
| Spring 2022 | LDR7350  | 7350  | Coaching &                  | LDR | Leadership                | 3 | This course explores various coaching models used for developing talent and improving   | GR | LE | Lecture                 |
| Spring 2022 | EDT4700  | 4700  | Workshop Ed Tech            | EDT | Educational Technology    | 1 | Study of selected areas in educational technology. Titles vary.   | UG | LE | Lecture                 |
| Spring 2022 | DAN3070  | 3070  | Intermed Tap Dance I        | DAN | Dance                     | 1 | Group class exploring tap dance technique.  | UG | ST | Studio                  |
| Spring 2022 | PHY2410  | 2410  | General                     | PHY | Physics                   | 4 | Introductory survey of electricity and magnetism. Uses calculus in interpreting physical  | UG | LE | Lecture                 |
| Spring 2022 | MGT3100  | 3100  | Mgt & Org Behavior          | MGT | Management                | 3 | Understanding the behavior of people within a work setting and the development of management competencies.  | UG | LE | Lecture                 |
| Spring 2022 | M&I6340  | 6340  | Biological Safety           | M&I | Microbiology & Immunology | 2 | Identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA.  | GR | LE | Lecture                 |
| Spring 2022 | MKT7700  | 7700  | International               | MKT | Marketing                 | 3 | Introduces the concepts and language of international marketing and examines institutional,   | GR | LE | Lecture                 |
| Spring 2022 | BME4703R | 4703R | Medical Imaging Recitation  | BME | Biomedical Engineering    | 0 | A recitation section that focuses on problem solving skills that apply to medical imaging.  | UG | RE | Recitation              |
| Spring 2022 | PSY3020L | 3020L | Research Methods Psy II Lab | PSY | Psychology                | 0 | Required laboratory for PSY 3020L.  | UG | LB | Lab                     |
| Spring 2022 | MIL2022  | 2022  | Found of Tact               | MIL | Military                  | 0 | Introduction into squad member responsibilities, battle drills and patrols. Each lab is cadet-led   | UG | LB | Lab                     |
| Spring 2022 | CHM4350  | 4350  | Instrumental                | CHM | Chemistry                 | 3 | Theory and practice of modern chemical instrumentation. Elementary electronics,   | UG | LE | Lecture                 |

|             |          |       |                                    |     |                                    |   |  |    |    |                                |
|-------------|----------|-------|------------------------------------|-----|------------------------------------|---|--|----|----|--------------------------------|
| Spring 2022 | EE6730L  | 6730L | Wireless<br>Comm Lab               | EE  | Electrical<br>Engineering          | 1 | Required laboratory for EE 6730.   | GR | LB | Lab                            |
| Spring 2022 | EC6770   | 6770  | Economic                           | EC  | Economics                          | 3 | An examination of special issues. <b>Department-Managed Prerequisites: equivalent  | GR | LE | Lecture                        |
| Spring 2022 | BIO3700  | 3700  | Bioethics                          | BIO | Biology                            | 3 | Provides an opportunity to learn/discuss contemporary issues in biology, medicine, and health;   | UG | LE | Lecture                        |
| Spring 2022 | PSY9020  | 9020  | Manual Control                     | PSY | Psychology                         | 3 | Description of human control processes and their models. Analyses of human skills and skill typology.  | GR | LE | Lecture                        |
| Spring 2022 | MP4990   | 4990  | Ind Study in<br>Motion Pict        | MP  | Motion Picture                     | 1 | Independent study in motion picture history, theory, criticism, and practice.  | UG | IS | Independen<br>t Study          |
| Spring 2022 | M&I4750  | 4750  | Pathogenic<br>Mechanisms           | M&I | Microbiology &<br>Immunology       | 4 | Human-microbial pathogen interactions, emphasizing the molecular basis of the pathogenic mechanisms. Complexities of interactions between microbes and their human hosts.      | UG | LE | Lecture                        |
| Spring 2022 | BME3511  | 3511  | Bioelectronics                     | BME | Biomedical                         | 4 | Electronic theory applied to biomedical / human systems (physiological measurements,   | UG | LE | Lecture                        |
| Spring 2022 | ME4160   | 4160  | Advanced                           | ME  | Mechanical                         | 3 | Advanced course in computer-aided design reinforces and augments the fundamentals of   | UG | LE | Lecture                        |
| Spring 2022 | ASM7573  | 7573  | Aerospace                          | ASM | Aerospace                          | 2 | Aerospace Skills for Healthcare Providers III is the third in a series of three courses designed   | GR | SE | Seminar                        |
| Spring 2022 | ED4950   | 4950  | Youth Voices                       | ED  | Education                          | 3 | Examines the pedagogies that encourage youth in developing the capacity to participate   | UG | SE | Seminar                        |
| Spring 2022 | KNH1360B | 1360B | Karate                             | KNH | Kinesiology &<br>Health            | 1 | Fundamental skills and knowledge of Karate. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                            |
| Spring 2022 | GER5120  | 5120  | German<br>Conversation II          | GER | German                             | 3 | Emphasis on the culture of the German-speaking world.  | GR | LE | Lecture                        |
| Spring 2022 | PPH7410  | 7410  | Community                          | PPH | Population &                       | 3 | Course is designed to provide a practical public health experience. To describe communities  | GR | LE | Lecture                        |
| Spring 2022 | MKT7950  | 7950  | Mkt Analytics:                     | MKT | Marketing                          | 3 | In this course, students conduct practical applications of technologies, from prediction to  | GR | LE | Lecture                        |
| Spring 2022 | OL4025   | 4025  | Comm-Based<br>Internship           | OL  | Organizational<br>Leadership       | 3 | Hands-on learning experiences coupled with specific academic assignments that demonstrate an understanding of leadership theory and practice as it applies to the workplace.   | UG | IN | Internship                     |
| Spring 2022 | BIO3250  | 3250  | Basic Cell                         | BIO | Biology                            | 3 | Eukaryotic cell culture and basic techniques used to culture eukaryotic cells. Basic cell culture  | UG | LE | Lecture                        |
| Spring 2022 | MTH3060  | 3060  | Mathematical                       | MTH | Mathematics                        | 3 | Introduction to mathematics as used in the real world. Graphical methods, curve-fitting,   | UG | LE | Lecture                        |
| Spring 2022 | KNH1720B | 1720B | Tennis                             | KNH | Kinesiology &<br>Health            | 1 | Fundamental skills and knowledge of Tennis. Competency-based approach. Course may accommodate disabled students when appropriate.  | UG | LB | Lab                            |
| Spring 2022 | PPH7810  | 7810  | Foundations of                     | PPH | Population &                       | 3 | This course will provide an introduction to moral philosophy in medicine, emphasizing its  | GR | LE | Lecture                        |
| Spring 2022 | ART4060  | 4060  | Studies in                         | ART | Art                                | 3 | Explores problems and approaches to painting and includes cross-media and interdisciplinary  | UG | LB | Lab                            |
| Spring 2022 | SCM4770  | 4770  | Special<br>Studies in<br>SCM       | SCM | Supply Chain<br>Management         | 1 | Topics vary.   | UG | IS | Independen<br>t Study          |
| Spring 2022 | URS7000  | 7000  | Foundations/T<br>ools of PA        | URS | Urban Affairs                      | 3 | Examines the legal and political variables and tools that affect the management and operation of local governments and nonprofit agencies. Special emphasis is placed on Ohio. | GR | LE | Lecture                        |
| Spring 2022 | HPR2120  | 2120  | Adapted Phys<br>Education          | HPR | Health Phy<br>Educ &<br>Recreation | 3 | Introduction to sport, leisure and physical education for persons with special needs across school, community or clinical based programs.                                      | UG | LL | Lecture/Lab<br>Combinatio<br>n |
| Spring 2022 | KNH1780  | 1780  | Weight<br>Training                 | KNH | Kinesiology &<br>Health            | 1 | Fundamental skills and knowledge of Weight Training. Competency-based approach. Course may accommodate disabled students when appropriate.                                     | UG | LB | Lab                            |
| Spring 2022 | CEG6330L | 6330L | Micropro<br>Embedded<br>System Lab | CEG | Computer<br>Engineering            | 0 | Required laboratory for CEG 6330.  | GR | LB | Lab                            |
| Spring 2022 | PLS4740  | 4740  | Politics<br>Women<br>Terrorist     | PLS | Political<br>Science               | 3 | Examines the violent and political behavior of women in terrorism, including ideology, gender, and case studies. Integrated Writing course.                                    | UG | SE | Seminar                        |
| Spring 2022 | KNH1500  | 1500  | Scuba & Skin:                      | KNH | Kinesiology &                      | 2 | Fundamental skills and knowledge of Scuba & Skin: Open Water. Competency-based   | UG | LB | Lab                            |
| Spring 2022 | MIS7400  | 7400  | Outsourcing                        | MIS | Management                         | 3 | This course introduces the fundamentals of outsourcing information technology and business   | GR | LL | Lecture/Lab                    |
| Spring 2022 | MLB4320  | 4320  | Advanced<br>Hematology             | MLB | Medical<br>Laboratory<br>Science   | 2 | Advanced topics in hematology with an emphasis on the diagnosis and treatment of anemias, myelodysplastic and myeloproliferative disorders.                                    | UG | LE | Lecture                        |
| Spring 2022 | KNH1670B | 1670B | Swimming:<br>Intermediate          | KNH | Kinesiology &<br>Health            | 1 | Intermediate level of skills and knowledge in Swimming: Intermediate. Competency-based approach. Course may accommodate disabled students when appropriate.                    | UG | LB | Lab                            |

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|-------------|----------|-------|-----------------------------------|-----|--------------------------------------|---|---|----|----|-------------------|
| Spring 2022 | EC4780   | 4780  | Hon: Ind Study<br>Economics       | EC  | Economics                            | 3 | Research in economics for fulfillment of the Honors Program project requirement.  | UG | IS | Independent Study |
| Spring 2022 | SOC3620  | 3620  | Race and<br>Ethnicity             | SOC | Sociology                            | 3 | Study of intergroup, racial, and ethnic group relations including the processes and consequences of conflict, prejudice, and discrimination.                                  | UG | LE | Lecture           |
| Spring 2022 | PHY3150  | 3150  | Physics                           | PHY | Physics                              | 3 | Analog and digital electronics with an emphasis on use in the laboratory. Topics include linear   | UG | LL | Lecture/Lab       |
| Spring 2022 | FR3830   | 3830  | Applied Elem                      | FR  | French                               | 1 | French majors or minors assist FR 1010 or FR 1020 instructors in conducting classes. Taught   | UG | IS | Independent       |
| Spring 2022 | ED6810   | 6810  | StdT Tchng:                       | ED  | Education                            | 8 | Candidates, under the direct supervision of an experienced classroom teacher, are assigned  | GR | IN | Internship        |
| Spring 2022 | MIL4022  | 4022  | Ldrshp                            | MIL | Military                             | 0 | Prepares the cadets to become active duty Army officers, through various leadership roles   | UG | LB | Lab               |
| Spring 2022 | EES2510  | 2510  | Earth Systems                     | EES | Earth &<br>Environmental<br>Sciences | 4 | Comprehensive treatment of earth materials and the external and internal geologic processes that shape the earth. Water systems are also discussed.                           | UG | LE | Lecture           |
| Spring 2022 | PLS4823  | 4823  | Campaign<br>Internship            | PLS | Political<br>Science                 | 3 | Volunteer for the candidate of one's choice in a local, state, or federal election. Work 170 hours over the semester, adjusting hours to account for the campaign calendar.   | UG | IN | Internship        |
| Spring 2022 | IT2360   | 2360  | Found of<br>Package<br>Design     | IT  | Information<br>Technology            | 3 | Fundamental concepts and applications of package design. History of field and useful package patterns. Hands-on experience in formulating package design.                     | UG | LE | Lecture           |
| Spring 2022 | MUS6480  | 6480  | Classic &<br>Romantic<br>Music    | MUS | Music                                | 3 | Study of music and critical analysis of representative works from major composers of Classical and Romantic music.  | GR | LE | Lecture           |
| Spring 2022 | ME4350   | 4350  | Mechanics of                      | ME  | Mechanical                           | 3 | This course will study how energy can be transformed from one form to another. The basic  | UG | LE | Lecture           |
| Spring 2022 | PPH7991  | 7991  | Pub Hlth                          | PPH | Population &                         | 3 | The Capstone is an integrative learning experience required to complete a MPH degree. The   | GR | IS | Independent       |
| Spring 2022 | NEU4400  | 4400  | Developmental<br>Neuroscience     | NEU | Neuroscience                         | 3 | Overview of the processes of neural differentiation, migration, synapse formation, and circuit refinement involved in neural development.                                     | UG | LE | Lecture           |
| Spring 2022 | EE6460L  | 6460L | Microwave Egr<br>II Lab           | EE  | Electrical<br>Engineering            | 1 | Required laboratory for EE 6460.  | GR | LB | Lab               |
| Spring 2022 | EES4530  | 4530  | Diagenesis of                     | EES | Earth &                              | 4 | An introduction to the diagenesis of ancient and modern sedimentary rocks. Topics include   | UG | LL | Lecture/Lab       |
| Spring 2022 | ATH6650  | 6650  | Field School<br>Archaeology       | ATH | Anthropology                         | 3 | Field training in the surveying and excavation of selected archaeological sites.  | GR | LB | Lab               |
| Spring 2022 | ANT2120L | 2120L | Human<br>Anatomy &<br>Phys II Lab | ANT | Anatomy                              | 0 | Required laboratory for for ANT 2120.   | UG | LB | Lab               |
| Spring 2022 | ED6230   | 6230  | Recert -                          | ED  | Education                            | 3 | Teachers learn to apply Marie Clay's theory of literacy processing while teaching Reading   | GR | LE | Lecture           |
| Spring 2022 | EDS6270  | 6270  | Practicum: PK                     | EDS | Education -                          | 2 | Educators with prior teaching license, under the direct supervision of an experienced   | GR | IN | Internship        |
| Spring 2022 | SCM4250  | 4250  | Supply Chain                      | SCM | Supply Chain                         | 3 | Practices and technologies for managing supply chain information in organizations. Business   | UG | LE | Lecture           |
| Spring 2022 | PTX8100  | 8100  | Med                               | PTX | Pharmacology/                        | 3 | This course will provide an understanding of the chemical, radiological, and nuclear threat,  | GR | LE | Lecture           |
| Spring 2022 | KNH1540B | 1540B | Self Defense<br>for Women         | KNH | Kinesiology &<br>Health              | 1 | Fundamental skills and knowledge of Self Defense for Women. Competency-based approach. Course may accommodate disabled students when appropriate.                             | UG | LB | Lab               |
| Spring 2022 | KNH2450  | 2450  | Checkpoint 1                      | KNH | Kinesiology &<br>Health              | 1 | Introduce the health education and physical education licensure program requirements, assessments and procedures.   | UG | LE | Lecture           |
| Spring 2022 | EES4640  | 4640  | Risk                              | EES | Earth &                              | 3 | Determination of quantitative risk to humans and the environment. Current regulatory  | UG | LE | Lecture           |
| Spring 2022 | CHM4200  | 4200  | Inorganic<br>Chemistry I          | CHM | Chemistry                            | 3 | Principles and concepts of inorganic chemistry including the periodic table, atomic structure, chemical bonding, coordination compounds, and an introduction to group theory. | UG | LE | Lecture           |
| Spring 2022 | GEO4980  | 4980  | Special Topics                    | GEO | Geography                            | 1 | Projects involve analysis of economic, social and cultural phenomena.   | UG | LE | Lecture           |
| Spring 2022 | NUR7550  | 7550  | Peds Minor                        | NUR | Nursing                              | 6 | Application of advanced practice nursing skills integrating theory, research findings, and  | GR | LE | Lecture           |
| Spring 2022 | SPN5990  | 5990  | Studies in                        | SPN | Spanish                              | 1 | Graduate level research and writing in the field of Spanish. Topics vary. <b> Department  | GR | LE | Lecture           |
| Spring 2022 | ART4140  | 4140  | Adv Studies<br>Baroque Art        | ART | Art                                  | 3 | Intensive studies of the period, major movements, and artists of the time. <b> Department   | UG | LE | Lecture           |
| Spring 2022 | KNH1760A | 1760A | Walk-Jog-Run                      | KNH | Kinesiology &<br>Health              | 1 | Fundamental skills and knowledge of Walk-Jog-Run. Competency-based approach. Course may accommodate disabled students when appropriate.                                       | UG | LB | Lab               |
| Spring 2022 | SPN3440  | 3440  | Spanish-                          | SPN | Spanish                              | 3 | Study of Spanish-American culture with emphasis   | UG | LE | Lecture           |

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|-------------|----------|-------|--------------------------|-----|---------------------------------|---|--|----|----|-------------------------|
| Spring 2022 | TH2400   | 2400  | Movement II              | TH  | Theatre                         | 2 | Introduction of techniques such as modified Laban Movement Analysis and the study of Kinesics (body language). Emphasis on expanding tactical and casting range of actors.                       | UG | ST | Studio                  |
| Spring 2022 | ANT7010  | 7010  | Selected Topics in ANT   | ANT | Anatomy                         | 1 | A selected area of anatomy is discussed in greater detail than in basic anatomy courses. Some topics may include laboratory.   | GR | IS | Independent Study       |
| Spring 2022 | ED2750   | 2750  | Fid Exp II: Intro Ed Psy | ED  | Education                       | 1 | Introduces students to the educational process through participation in a classroom and through an examination of classroom dynamics within a natural setting. Must have at least a 2.0 GPA.     | UG | PR | Practicum               |
| Spring 2022 | SLI4540  | 4540  | Mental Health            | SLI | Sign                            | 3 | An introduction to mental health interpreting will prepare Interpreters to work with Deaf clients,   | UG | LE | Lecture                 |
| Spring 2022 | BIO4040  | 4040  | Topics in Modern Biology | BIO | Biology                         | 1 | Advanced topics of current interest. Topics vary.  | UG | LE | Lecture                 |
| Spring 2022 | CS7900   | 7900  | Special Topics in CS     | CS  | Computer Science                | 1 | Special topics in computer science   | GR | LE | Lecture                 |
| Spring 2022 | CS3840   | 3840  | Applied Machine Learning | CS  | Computer Science                | 3 | Explores techniques in machine learning and analytics with a focus on applications. Some of the topics covered include regression, neural networks, nearest neighbors and clustering.            | UG | LE | Lecture                 |
| Spring 2022 | FR4650   | 4650  | French/Franco            | FR  | French                          | 3 | Selected topics in French and Francophone literature and film that investigate various themes,   | UG | LE | Lecture                 |
| Spring 2022 | BMB4750  | 4750  | Molec Biology of Cancer  | BMB | Biochem & Molecular Biology     | 3 | A broad overview of the molecular basis of cancer. Weekly discussion of one or more of the molecular changes that cells need to acquire to become cancer.  | UG | LE | Lecture                 |
| Spring 2022 | MGT7720  | 7720  | Project                  | MGT | Management                      | 3 | In today's complex world, large projects are typically carried out not by a single organization,   | GR | LE | Lecture                 |
| Spring 2022 | CHM5510L | 5510L | Physical Chemistry Lab I | CHM | Chemistry                       | 2 | Experimental methods of physical chemistry.  | GR | LB | Lab                     |
| Spring 2022 | AFS6040  | 6040  | The African Diaspora     | AFS | Afr /Afr Amer Studies           | 3 | Examination of the evolution and development of the African diaspora in an international context   | GR | LE | Lecture                 |
| Spring 2022 | EES4400  | 4400  | Glacial Landforms        | EES | Earth & Environmental Sciences  | 2 | Field trip to the Finger Lakes (New York to examine the landforms, processes, and deposits associated with Pleistocene continental glaciation, as well as subsequent post-glacial modifications. | UG | LL | Lecture/Lab Combination |
| Spring 2022 | CS1200   | 1200  | Intro to Discr           | CS  | Computer                        | 4 | Introduction to discrete structures for computer science. Emphasis of basic mathematical   | UG | LE | Lecture                 |
| Spring 2022 | IDL7010  | 7010  | Digital Teaching Tools   | IDL | Instructional Design & Learning | 3 | This class is designed for educators to learn how to integrate educational technology tools in the classroom to enhance students' learning.  | GR | LE | Lecture                 |
| Spring 2022 | ARA5220  | 5220  | Adv ARA                  | ARA | Arabic                          | 3 | An advanced course based in classical approaches to Arabic grammar and syntax, designed  | GR | LE | Lecture                 |
| Spring 2022 | CS3820   | 3820  | Intro to                 | CS  | Computer                        | 3 | Primary W3C standards for the Semantic Web, in particular the Web Ontology Language  | UG | LE | Lecture                 |
| Spring 2022 | SPM7080  | 7080  | Mkt & Pub Relations Spt  | SPM | Sports Management               | 3 | This course explores the marketing and public relations aspects of sports programs and sporting events. Current issues and accepted practices and techniques are presented.                      | GR | SE | Seminar                 |
| Spring 2022 | MIS4800  | 4800  | Special Topics           | MIS | Management                      | 3 | Each offering focuses on one area of emerging technology or information systems  | UG | LE | Lecture                 |
| Spring 2022 | MUE2970  | 2970  | Paul L. Dunbar           | MUE | Music:                          | 1 | A choral ensemble for students who desire to explore the musical style of gospel music and its   | UG | LL | Lecture/Lab             |
| Spring 2022 | FAS2870  | 2870  | Practicum I              | FAS | Food and Agricultural Systems   | 1 | Individual supervised learning experiences and on-site seminars under the direction of instructor and site staff.  | UG | PR | Practicum               |
| Spring 2022 | ART3470  | 3470  | Beginning                | ART | Art                             | 3 | Working from still life, figure, and landscape emphasizing the use of color and drawing in   | UG | LB | Lab                     |
| Spring 2022 | DAN4010  | 4010  | Ballet IV                | DAN | Dance                           | 3 | Advanced work in classical ballet technique stressing the development of musicality and virtuosity.  | UG | ST | Studio                  |
| Spring 2022 | P&N7220  | 7220  | Ion Channels             | P&N | Physiology & Neuroscience       | 3 | This course explores the role of ion channels in a variety of cell types with an emphasis on both electrophysiological and biochemical methods for evaluation of channel function.               | GR | LE | Lecture                 |
| Spring 2022 | PLS6520  | 6520  | Intl Human Rights        | PLS | Political Science               | 3 | Examines the role of human rights in international relations. Considers contending definitions of human rights and debates over policy by focusing on thematic issues and case studies.          | GR | LE | Lecture                 |
| Spring 2022 | ME7250   | 7250  | Advanced                 | ME  | Mechanical                      | 3 | Fundamentals of analytical dynamics from different perspectives applicable to complex  | GR | LE | Lecture                 |
| Spring 2022 | MBA5200  | 5200  | Survey of                | MBA | MBA                             | 3 | An introduction to economics. Provides students with modes of reasoning regarding individual   | GR | LE | Lecture                 |

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|-------------|----------|-------|-----------------------------|-----|--------------------------------|---|--|----|----|-------------------------|
| Spring 2022 | HST6150  | 6150  | Studies in Modern Europe    | HST | History                        | 3 | Examines a variety of countries, topics and periods in European history from the Enlightenment to the present. Topics vary.  | GR | LE | Lecture                 |
| Spring 2022 | CHM5210R | 5210R | Adv Inorg Syn & Charact Rec | CHM | Chemistry                      | 0 | Required recitation for CHM 5210.  | GR | RE | Recitation              |
| Spring 2022 | FAS2690  | 2690  | Ag Science Topics           | FAS | Food and Agricultural Systems  | 1 | Focused study in an area of interest in agricultural science.  | UG | LL | Lecture/Lab Combination |
| Spring 2022 | ANT2100  | 2100  | Human                       | ANT | Anatomy                        | 4 | Introductory survey of the anatomy and physiology of the human body with an emphasis on  | UG | LE | Lecture                 |
| Spring 2022 | ME3310   | 3310  | Thermodynam                 | ME  | Mechanical                     | 3 | This course studies energy and energy conversion from the classical thermodynamics   | UG | LE | Lecture                 |
| Spring 2022 | IT1010   | 1010  | Graphic Terminology/Design  | IT  | Information Technology         | 3 | Desktop publishing and graphic terminology used in today's graphics communications, and principles of design in printed media. Trends, history and ethics in print media.                | UG | LE | Lecture                 |
| Spring 2022 | EES4750  | 4750  | Biological Safety           | EES | Earth & Environmental Sciences | 2 | Identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA.   | UG | LE | Lecture                 |
| Spring 2022 | EE7260   | 7260  | Autonomous                  | EE  | Electrical                     | 3 | Understand quadrotor dynamics and construct state space models, conduct system   | GR | LL | Lecture/Lab             |
| Spring 2022 | ENG4640  | 4640  | TopicsTech/Pr               | ENG | English                        | 3 | Courses, seminars, or workshops in specialized topics relating to business, technical, and   | UG | LE | Lecture                 |
| Spring 2022 | EC4310   | 4310  | Public Finance              | EC  | Economics                      | 3 | Develops a theoretical framework and working knowledge of the economic basis for   | UG | LE | Lecture                 |
| Spring 2022 | PHL3060  | 3060  | Analytic Philosophy         | PHL | Philosophy                     | 3 | Survey of the analytic tradition including philosophers such as Frege, Russell, Wittgenstein, Carnap, Quine, Davidson, Kripke, Putnam, and Nagel. Integrated Writing course.             | UG | LE | Lecture                 |
| Spring 2022 | ISE4510  | 4510  | Comp Appl in                | ISE | Industrial &                   | 3 | Provides students with an overview for designing and implementing ISE-focused solutions  | UG | LE | Lecture                 |
| Spring 2022 | ED5050   | 5050  | MCE Gen                     | ED  | Education                      | 3 | Methods for teaching middle level science pertinent to the Ohio Learning Standards with  | GR | LE | Lecture                 |
| Spring 2022 | ED6250   | 6250  | MCE Intern Pt               | ED  | Education                      | 1 | Candidates, mentored by a middle grades teacher, shall assist in the planning, organizing,   | GR | IN | Internship              |
| Spring 2022 | ATH6000  | 6000  | Political                   | ATH | Anthropology                   | 3 | (Also PLS 6500/SOC 6000) Focuses on the anthropological approaches to the study of   | GR | LE | Lecture                 |
| Spring 2022 | HST4450  | 4450  | Middle Eastern History      | HST | History                        | 3 | Examines the Middle East from the 7th century to the present. Topics vary. Integrated Writing course.  | UG | LE | Lecture                 |
| Spring 2022 | ART4590  | 4590  | Senior Photo                | ART | Art                            | 3 | Exploration of advanced photographic materials and techniques with emphasis on producing a   | UG | LB | Lab                     |
| Spring 2022 | CS3190   | 3190  | Prog Lang Workshop          | CS  | Computer Science               | 1 | Independent study in one of several programming languages (e.g., Python, C#, Ruby). Students learn the language solve a set of assigned programming problems.                            | UG | IS | Independent Study       |
| Spring 2022 | RHB4070  | 4070  | Prin of Rehab               | RHB | Rehabilitation                 | 3 | Focuses on the development of basic skills and attitudes associated with rehabilitation  | UG | LL | Lecture/Lab             |
| Spring 2022 | ANT5120  | 5120  | Adv Hum Str &               | ANT | Anatomy                        | 4 | Detailed study of the structure and function of the human body. The course begins with the   | GR | LE | Lecture                 |
| Spring 2022 | PSY8790  | 8790  | Legal Issues in             | PSY | Psychology                     | 2 | Course will explore established, current, and emerging legal issues in Industrial/Organizational   | GR | SE | Seminar                 |
| Spring 2022 | ME3600L  | 3600L | Exp. Meas. and Instr. Lab   | ME  | Mechanical and Materials Engr  | 0 | Required laboratory for ME 3600. Integrated Writing course.  | UG | LB | Lab                     |
| Spring 2022 | CHM5990  | 5990  | Special Problems in Chem    | CHM | Chemistry                      | 1 |  | GR | IS | Independent Study       |
| Spring 2022 | MGT4900  | 4900  | Character & Comp II         | MGT | Management                     | 3 | Drawing on their management studies, students will integrate essential managerial competencies and their personal strengths to develop a plan for their career as a manager and leader.  | UG | LE | Lecture                 |
| Spring 2022 | REL3770  | 3770  | The Letters of              | REL | Religion                       | 3 | Literary and historical study of the letters of Paul. When and why they were written, and how  | UG | LE | Lecture                 |
| Spring 2022 | UVC1020  | 1020  | FYS Service Learning        | UVC | University College             | 1 | Success within selected major. Focuses on critical thinking, faculty mentors, career exploration, professionalism, ethics, financial literacy and goal setting through service learning. | UG | SE | Seminar                 |
| Spring 2022 | LAW7350  | 7350  | Law for                     | LAW | Law                            | 3 | Course covers specific areas of business law that are included on the CPA Examination. Law   | GR | LE | Lecture                 |
| Spring 2022 | CEG4110  | 4110  | Intro to                    | CEG | Computer                       | 3 | Introduction to the concepts of Software Engineering. Software qualities, development life-  | UG | LE | Lecture                 |
| Spring 2022 | EGR6610  | 6610  | Clinical Engr               | EGR | Engineering                    | 3 | Students will be exposed to the culture of a developing country; learn how to live and interact  | GR | LL | Lecture/Lab             |
| Spring 2022 | SM4000   | 4000  | Senior                      | SM  | Science and                    | 3 | A survey course designed as a capstone to the Integrated Science Studies program. Invited  | UG | SE | Seminar                 |
| Spring 2022 | MUE2050  | 2050  | Chamber                     | MUE | Music:                         | 1 | Small chamber ensembles of varying instrumentation.  | UG | LL | Lecture/Lab             |

|             |          |       |                           |     |                        |   |   |    |    |                   |
|-------------|----------|-------|---------------------------|-----|------------------------|---|---|----|----|-------------------|
| Spring 2022 | KNH6890  | 6890  | Wrkshp in Health, PE&Rec  | KNH | Kinesiology & Health   | 1 | Intensive study of content, curriculum, method, or materials designed to meet the needs of pre-service and in-service professionals in health, physical education, and recreation. Titles vary. | GR | LE | Lecture           |
| Spring 2022 | BME6460  | 6460  | Nanomed                   | BME | Biomedical             | 3 | The purpose of this introductory course is to provide an overview of the distinctive features of  | GR | LE | Lecture           |
| Spring 2022 | SPN3250  | 3250  | Business                  | SPN | Spanish                | 3 | An introduction to the language of business Spanish with insight into Spain and Latin America   | UG | LE | Lecture           |
| Spring 2022 | ENG4990  | 4990  | English                   | ENG | English                | 2 | Second in a two-semester sequence for senior English majors who are doing an English  | UG | IS | Independent       |
| Spring 2022 | EES5700  | 5700  | HAZWOPER                  | EES | Earth &                | 1 | Refresher training covering management of hazardous materials and emergency response in   | GR | LE | Lecture           |
| Spring 2022 | ENG6820  | 6820  | Adv Poetry                | ENG | English                | 3 | Advanced practice in writing and revising poems, refining craft and style, with the aim of  | GR | SE | Seminar           |
| Spring 2022 | PSY9900  | 9900  | Independent Research      | PSY | Psychology             | 1 | Research conducted under faculty supervision for students who have completed their Master's thesis.   | GR | IS | Independent Study |
| Spring 2022 | WGS4250  | 4250  | Women Intl                | WGS | Women,                 | 3 | Racial, ethnic, cultural, and other differences among women outside of the U.S. Focus may be  | UG | LE | Lecture           |
| Spring 2022 | BMS8560  | 8560  | Glial Cell                | BMS | Biomedical             | 2 | (Also listed as P&B 6500.) Concepts of glial cell physiology based on the analysis of current   | GR | LE | Lecture           |
| Spring 2022 | MGT3900  | 3900  | App                       | MGT | Management             | 3 | An advanced introduction to the competence, character, and commitment required to achieve   | UG | LE | Lecture           |
| Spring 2022 | CEG4400  | 4400  | Comp Networks & Security  | CEG | Computer Engineering   | 4 | Introduction to computer networks, network security, and technologies for ensuring network security.  | UG | LE | Lecture           |
| Spring 2022 | PSY3530L | 3530L | Social Psychology Mth Lab | PSY | Psychology             | 0 | Required laboratory for PSY 3530. Integrated Writing course.  | UG | LB | Lab               |
| Spring 2022 | TH1150   | 1150  | Singing for the Actor I   | TH  | Theatre                | 1 | Private singing lessons for acting, theatre studies and dance majors only.  | UG | ST | Studio            |
| Spring 2022 | ME7690   | 7690  | Vibe Test &               | ME  | Mechanical             | 3 | Advanced theoretical and practical aspects of vibration testing including: signal analysis,   | GR | LL | Lecture/Lab       |
| Spring 2022 | PTX7004  | 7004  | MD/MS                     | PTX | Pharmacology/          | 2 | This course was developed to give the medical students in the Clinical Investigation M.S. track   | GR | LE | Lecture           |
| Spring 2022 | SOC2000  | 2000  | Intro to                  | SOC | Sociology              | 3 | Introduction to the processes through which individuals become members of groups,   | UG | LE | Lecture           |
| Spring 2022 | BIO3140R | 3140R | Molecular Bio Lab Rec     | BIO | Biology                | 0 | Required recitation for BIO 3140.   | UG | LB | Lab               |
| Spring 2022 | SAA6650  | 6650  | Career                    | SAA | Student Affairs        | 2 | Learn to develop effective career development programs and services for use with individuals  | GR | LE | Lecture           |
| Spring 2022 | SOC4640  | 4640  | Gender and                | SOC | Sociology              | 3 | Explores gender and sexuality constructions from a global perspective. Topics include the   | UG | LE | Lecture           |
| Spring 2022 | EE6620L  | 6620L | Dig Integ Ckt Design Lab  | EE  | Electrical Engineering | 1 | Realizations, testing and evaluation of digital integrated circuits with particular emphasis on programmable logic devices.   | GR | LB | Lab               |
| Spring 2022 | SW6740   | 6740  | Child Welfare II          | SW  | Social Work            | 3 | Addresses the developmental and permanence needs of children in the child welfare system.   | GR | LE | Lecture           |
| Spring 2022 | PHY4320  | 4320  | Lasers                    | PHY | Physics                | 3 | Introduction to the physics of lasers including emission and absorption processes in lasing, the  | UG | LE | Lecture           |
| Spring 2022 | BME6704  | 6704  | Advanced                  | BME | Biomedical             | 4 | Generation, effects, and detection of ionizing radiation and its application to plain radiographic  | GR | LE | Lecture           |
| Spring 2022 | PSY8780  | 8780  | Organizational Theory     | PSY | Psychology             | 2 | Seminar with in-depth coverage of organizational theory.  | GR | SE | Seminar           |
| Spring 2022 | EC2000   | 2000  | Economic Life             | EC  | Economics              | 3 | Basic economic concepts such as resource allocation, costs, supply, demand, and public  | UG | LE | Lecture           |
| Spring 2022 | AES3340  | 3340  | ICL Lab                   | AES | Aerospace              | 0 | Application of leadership/management concepts learned in Field Training and in previous   | UG | LB | Lab               |
| Spring 2022 | RHB7300  | 7300  | Epidemiology              | RHB | Rehabilitation         | 3 | Theory and practice of a variety of treatment modalities and settings. Explores interdisciplinary   | GR | LE | Lecture           |
| Spring 2022 | PTX7008  | 7008  | Clin Trial                | PTX | Pharmacology/          | 3 | This course was developed to give graduate students the opportunity to learn, read, and   | GR | LE | Lecture           |
| Spring 2022 | EES6500  | 6500  | Carbonate Sed             | EES | Earth &                | 4 | An introduction to the origin, composition, and diagenesis of ancient and modern carbonate  | GR | LL | Lecture/Lab       |
| Spring 2022 | PHL3250  | 3250  | Inductive Logic           | PHL | Philosophy             | 3 | Introduction to the techniques of inductive and probabilistic reasoning with emphasis on the  | UG | LE | Lecture           |
| Spring 2022 | FR6120   | 6120  | FR Instruc                | FR  | French                 | 1 | Peer teachers observe elementary and/or intermediate level classes, continuation of practicum   | GR | PR | Practicum         |
| Spring 2022 | P&N6690  | 6690  | Quant Aspct-              | P&N | Physiology &           | 2 | Employs a quantitative approach to the properties of solutes, water, bio-electrical phenomena,  | GR | LE | Lecture           |
| Spring 2022 | PTX8500  | 8500  | Good                      | PTX | Pharmacology/          | 3 | GLP regulations are a set of international standards developed to ensure quality and reliability  | GR | LE | Lecture           |
| Spring 2022 | EE4190L  | 4190L | Intelligent               | EE  | Electrical             | 1 | Intelligent control strategies for systems and subsystems in industrial and engineering   | UG | LB | Lab               |
| Spring 2022 | MTH4290  | 4290  | Cryptography              | MTH | Mathematics            | 3 | Mathematical principles of cryptography and data security. Introduces relevant algebra and  | UG | LE | Lecture           |

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|-------------|----------|-------|-------------------------------|-----|--------------------------------|-----|---|----|----|------------------------|
| Spring 2022 | URS4490  | 4490  | Issue in City&Commnty Dvlpmnt | URS | Urban Affairs                  | 3   | Explores issues that impact city and community development as well as the impact of development. Topics include pollution, international development, housing and transportation.               | UG | LE | Lecture                |
| Spring 2022 | REL5510  | 5510  | Comp. Asian                   | REL | Religion                       | 3   | Examination of the religious phenomenon and category of mysticism in various Asian traditions   | GR | LE | Lecture                |
| Spring 2022 | PPH7030  | 7030  | Environmental                 | PPH | Population &                   | 3   | Students taking this course will develop a broad knowledge base in the multidisciplinary field  | GR | LE | Lecture                |
| Spring 2022 | EE4170   | 4170  | Digital Control Sys           | EE  | Electrical Engineering         | 3   | Samples spectra and aliasing, analysis and design of digital control systems using root locus and transform techniques; discrete equivalents of continuous controller and quantization effects. | UG | LE | Lecture                |
| Spring 2022 | BIO4090  | 4090  | Intro to R Biology Apps       | BIO | Biology                        | 3   | Programming biostatistics applications in the statistical software package R.   | UG | LE | Lecture                |
| Spring 2022 | NUR7104  | 7104  | Adv Hlth                      | NUR | Nursing                        | 3   | Application of cognitive processes and psychomotor skills needed for comprehensive health   | GR | LL | Lecture/Lab            |
| Spring 2022 | WGS6800  | 6800  | Selected Subjects             | WGS | Women, Gender, and Sexuality   | 3   | Issues, approaches, and topics in women's studies. Topics vary.   | GR | LE | Lecture                |
| Spring 2022 | MTH6150  | 6150  | Scientific                    | MTH | Mathematics                    | 3   | Modern computational techniques for simulating scientific phenomena. <b> Department   | GR | LE | Lecture                |
| Spring 2022 | ENG6560  | 6560  | ILA Capstone                  | ENG | English                        | 3   | Study of the integration and pedagogy of reading, writing, listening, speaking, viewing, and  | GR | LE | Lecture                |
| Spring 2022 | ME4560   | 4560  | Wind Power                    | ME  | Mechanical                     | 3   | Power in the wind, the wind turbine and its parts, performance of wind turbines, and  | UG | LE | Lecture                |
| Spring 2022 | PLS4160  | 4160  | Sex and the Law               | PLS | Political Science              | 3   | Addresses how government uses law to regulate sex as activity, expression, and identity. Integrated Writing course.   | UG | LE | Lecture                |
| Spring 2022 | ISE3540L | 3540L | Intro to Comp for ISE Lab     | ISE | Industrial & Systems Engr      | 0   | Required laboratory for ISE 3540.   | UG | LB | Lab                    |
| Spring 2022 | CNL6610  | 6610  | Principles of Counseling      | CNL | Counseling                     | 3   | Introduction and overview of major counseling principles, theories, techniques, historical foundations, and services. Also, addresses counseling specialties and professional organizations.    | GR | LE | Lecture                |
| Spring 2022 | ME3182   | 3182  | Additive                      | ME  | Mechanical                     | 1.5 | Introduce the standard additive manufacturing technologies and applications, the important  | UG | LE | Lecture                |
| Spring 2022 | ME2600   | 2600  | Metallography                 | ME  | Mechanical                     | 1   | Experimental methods characterizing the microstructure of solids. Emphasis on optical   | UG | LB | Lab                    |
| Spring 2022 | MUS3300L | 3300L | Adv Choral Cond Lab I         | MUS | Music                          | 1   | Builds upon the previously gained conducting experiences and knowledge.   | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | ENG3540  | 3540  | Multigenre Writing            | ENG | English                        | 3   | Advanced strategies for writing in multiple and mixed genres.   | UG | LE | Lecture                |
| Spring 2022 | MGT4800  | 4800  | Special Topics in Mgt         | MGT | Management                     | 1   | Seminar in special topics such as organizational assessment, training and development, and personal career development. Topics vary.  | UG | SE | Seminar                |
| Spring 2022 | HPR4850  | 4850  | Teaching                      | HPR | Health Phy                     | 3   | Students apply teaching and management strategies that have been linked to student  | UG | LE | Lecture                |
| Spring 2022 | REL5430  | 5430  | Buddhism                      | REL | Religion                       | 3   | Exploration of Buddhism in terms of its philosophy, rituals, art, architecture, and social  | GR | LE | Lecture                |
| Spring 2022 | EE4800L  | 4800L | Special Topics in EE Lab      | EE  | Electrical Engineering         | 1   | Special topics in electrical engineering lab.   | UG | LB | Lab                    |
| Spring 2022 | MUS4300  | 4300  | Improving Rdg                 | MUS | Music                          | 3   | Provides multi-age music teachers with reading and writing strategies to help solve problems  | UG | LE | Lecture                |
| Spring 2022 | EES4720  | 4720  | Epidem & Community Hlth       | EES | Earth & Environmental Sciences | 3   | Communicable and occupational diseases of contemporary importance. Epidemiological investigation, environmental considerations, and control procedures.   | UG | LE | Lecture                |
| Spring 2022 | BMB3030  | 3030  | Research Ethics               | BMB | Biochem & Molecular Biology    | 1   | Ethical dilemmas present in scientific research including discussion of various real-life scenarios.  | UG | LE | Lecture                |
| Spring 2022 | PHA8000  | 8000  | Prin                          | PHA | Pharmacology                   | 1   | Principles of Biomedical Research is appropriate for students that will be involved in  | GR | LE | Lecture                |
| Spring 2022 | CS5900   | 5900  | Special Topics in CS          | CS  | Computer Science               | 1   | Special topics in computer science.   | GR | LE | Lecture                |
| Spring 2022 | MLB4811  | 4811  | Basic Immunohem Lab           | MLB | Medical Laboratory Science     | 1   | Use of antigens and antibodies in blood grouping and transfusion medicine. This course has a fee that is non-refundable once the term begins.   | UG | LB | Lab                    |
| Spring 2022 | EGR7980  | 7980  | Special Topics in EGR         | EGR | Engineering                    | 1   | Special topics in engineering. Prerequisite: instructor approval.   | GR | LE | Lecture                |



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|-------------|----------|-------|--------------------------------|-----|----------------------------|-----|--|----|----|-------------------------|
| Spring 2022 | ED3100   | 3100  | African Amer                   | ED  | Education                  | 3   | Explores the diverse experiences of being African American and examines the effect of  | UG | LE | Lecture                 |
| Spring 2022 | URS6960  | 6960  | Transit Internship             | URS | Urban Affairs              | 3   | A one semester supervised internship of at least 300 hours in a selected public, nonprofit or public-service transit agency. Arranged in consultation with student's adviser or intern director. | GR | IN | Internship              |
| Spring 2022 | PLS3260  | 3260  | Black Women and Politics       | PLS | Political Science          | 3   | Role of race and gender in the political activities of black women in the US, Africa, and the diaspora. Integrated Writing course.   | UG | LE | Lecture                 |
| Spring 2022 | FAS3210  | 3210  | Nutrient                       | FAS | Food and                   | 3   | Provide the fundamental concepts of soil sampling, soil test interpretation, and development of  | UG | LB | Lab                     |
| Spring 2022 | EDS2700  | 2700  | Cultural                       | EDS | Education -                | 1   | Using tutoring experiences to explore community differences in language and culture and the  | UG | SE | Seminar                 |
| Spring 2022 | MUA1220  | 1220  | Applied Music                  | MUA | Music: Applied Music       | 2   | Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music.   | UG | IS | Independent Study       |
| Spring 2022 | CS6290   | 6290  | Cryptography                   | CS  | Computer                   | 3   | Mathematical principles of cryptography and data security. Preliminary algebra and number  | GR | LE | Lecture                 |
| Spring 2022 | APS3000  | 3000  | APS                            | APS | Applied                    | 3   | This course introduces technologies relating to the business environment. The main focus is  | UG | LE | Lecture                 |
| Spring 2022 | MLB4111  | 4111  | Orientation MLS Lab            | MLB | Medical Laboratory Science | 0.5 | Application of lab safety, universal precautions, specimen collection, quality assurance, phlebotomy, and other techniques fundamental to medical laboratory.                                    | UG | LB | Lab                     |
| Spring 2022 | NUR4461C | 4461C | Lead&Manage Tran Prof Nur Clin | NUR | Nursing                    | 0   | Clinical course for NUR 4461.  | UG | CL | Clinical                |
| Spring 2022 | KNH1210A | 1210A | Fencing: Intermediate          | KNH | Kinesiology & Health       | 1   | Intermediate level of skills and knowledge in Fencing: Intermediate. Competency-based approach. Course may accommodate disabled students when appropriate.                                       | UG | LB | Lab                     |
| Spring 2022 | ENG2010  | 2010  | Topics in Reading              | ENG | English                    | 3   | Exploration of topics of interest in Literature with focus on knowledge, enjoyment, and informed critical reading.   | UG | LE | Lecture                 |
| Spring 2022 | MUS3120  | 3120  | History of Music II            | MUS | Music                      | 3   | History of western art music from 1750 to the present. Integrated Writing course.  | UG | LE | Lecture                 |
| Spring 2022 | CHM2120  | 2120  | Organic Chemistry II           | CHM | Chemistry                  | 3   | Principles, theories, and applications of the chemistry of carbon compounds.   | UG | LE | Lecture                 |
| Spring 2022 | NEU4990  | 4990  | Ind Research Neurosci          | NEU | Neuroscience               | 1   | Students will actively participate in neuroscience research opportunities and gain proficiency in techniques used to study various aspects of neuroscience.                                      | UG | IS | Independent Study       |
| Spring 2022 | PLS6170  | 6170  | App Politics and Moot Ct       | PLS | Political Science          | 3   | Politics in the appellate courts and simulated appellate arguments in a moot court setting.  | GR | LE | Lecture                 |
| Spring 2022 | ASL4020  | 4020  | Communication Variations       | ASL | American Sign Language     | 3   | Exploration of the range of registers and signing styles of deaf persons depending on factors including age, experience, education, race, socio-economic level, degree of hearing loss.          | UG | LE | Lecture                 |
| Spring 2022 | TH1470   | 1470  | Acting Aesthetics              | TH  | Theatre                    | 2   | Generalized acting course that includes various aspects of movement, vocal technique, improvisation, and scene work.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | PLS3410  | 3410  | Fund Crim Investigation        | PLS | Political Science          | 3   | Survey of investigative techniques focusing on specific problems and crimes to illustrate proper methods and procedures of criminal investigations.  | UG | LE | Lecture                 |
| Spring 2022 | PHY7520  | 7520  | Mol. Spectra & Structure       | PHY | Physics                    | 3   | Theory of molecular spectra and structure with examination of experimental data as related to molecular spectra. Applications to the detection and analysis of molecules.                        | GR | SE | Seminar                 |
| Spring 2022 | TH3340   | 3340  | Costume Construction           | TH  | Theatre                    | 3   | Advanced stitching techniques necessary for costume construction.  | UG | ST | Studio                  |
| Spring 2022 | REL5720  | 5720  | Pentateuch                     | REL | Religion                   | 3   | Examines patriarchal narratives and Mosaic legislation in the Pentateuch or Torah as the bedrock of the Bible.   | GR | LE | Lecture                 |
| Spring 2022 | ART4480  | 4480  | Advanced                       | ART | Art                        | 3   | Continued emphasis on pictorial organization with increased attention to the personal imagery  | UG | LB | Lab                     |
| Spring 2022 | EC7770   | 7770  | Economic                       | EC  | Economics                  | 3   | An examination of special issues. Department-Managed Prerequisites: equivalent coursework  | GR | LE | Lecture                 |
| Spring 2022 | HST6550  | 6550  | U.S. Foreign Relations         | HST | History                    | 3   | Examines main currents, prominent issues, key individuals and major events in the history of U.S. relations with other countries and regions. Topics vary.                                       | GR | LE | Lecture                 |
| Spring 2022 | ME7400   | 7400  | Hypersonic                     | ME  | Mechanical                 | 3   | Hypersonic flow is studied from the viewpoint of its unique fluid dynamic attributes with  | GR | LE | Lecture                 |
| Spring 2022 | HUM7000  | 7000  | Grad Res Methods in Hum        | HUM | Humanities                 | 3   | An introduction to graduate research in the humanities with primary emphasis on research writing.  | GR | SE | Seminar                 |
| Spring 2022 | PHY1060L | 1060L | Astronomy Laboratory           | PHY | Physics                    | 1   | Astronomical observations and experiments.   | UG | LB | Lab                     |
| Spring 2022 | PSY4910  | 4910  | Psychobio of                   | PSY | Psychology                 | 3   | Communication-intensive seminar integrating knowledge on the psychobiology of stress.  | UG | SE | Seminar                 |

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|-------------|----------|-------|--------------------------------|-----|--------------------------------|---|--|----|----|-------------------|
| Spring 2022 | PHY7310  | 7310  | Solid State -                  | PHY | Physics                        | 3 | Topics in solid state physics related to electromagnetic properties. Topics may include but are  | GR | SE | Seminar           |
| Spring 2022 | PHL2500  | 2500  | Professional Ethics            | PHL | Philosophy                     | 3 | Introduction to the theory and practice of professional ethics in its global, economic, environmental, and social context.   | UG | LE | Lecture           |
| Spring 2022 | BIO4430  | 4430  | Vertebrate Histology           | BIO | Biology                        | 5 | Study of structure/function relationships in vertebrate tissues, organs and organ systems.   | UG | LE | Lecture           |
| Spring 2022 | BMB4020  | 4020  | Research Perspectives          | BMB | Biochem & Molecular Biology    | 1 | Acquaints students with the research being carried out by faculty in the Biochemistry and Molecular Biology program.   | UG | LE | Lecture           |
| Spring 2022 | PSY4500  | 4500  | Social Psych Cap               | PSY | Psychology                     | 3 | Communication-intensive seminar integrating knowledge on social psychology. Topic will vary by title. Integrated Writing course.   | UG | SE | Seminar           |
| Spring 2022 | BMS9570  | 9570  | Computed Tomography            | BMS | Biomedical Sciences            | 3 | Principles of generating images from projections. Discussion of specific problems like beam hardening, scatter, metal artefacts, etc. Focus on quantitative imaging in medical applications.   | GR | LE | Lecture           |
| Spring 2022 | ATR4850  | 4850  | Surgical                       | ATR | Athletic                       | 3 | Surgical procedures, rehabilitation protocols and research as they pertain to athletic training.   | UG | LL | Lecture/Lab       |
| Spring 2022 | PHY7400  | 7400  | Nucl. Methods                  | PHY | Physics                        | 3 | Topics in the application of nuclear structure, nuclear processes, and energy loss processes to  | GR | SE | Seminar           |
| Spring 2022 | ME4490   | 4490  | Aerospace                      | ME  | Mechanical                     | 3 | Stress, deformation, and stability analysis of aerospace structures. Thin-walled members   | UG | LE | Lecture           |
| Spring 2022 | EDS7200  | 7200  | Field Experience I: Interv Spe | EDS | Education - Special Education  | 1 | Introduces students to the educational process through participation in a classroom and through an examination of classroom dynamics within a natural setting.                                 | GR | PR | Practicum         |
| Spring 2022 | HUM7400  | 7400  | Humanities Thesis              | HUM | Humanities                     | 1 | Master's thesis under the direction of a three-member faculty committee.   | GR | IS | Independent Study |
| Spring 2022 | EC4450   | 4450  | Political Econ                 | EC  | Economics                      | 3 | Provides feminist understanding of women's economic roles and contributions in the context of  | UG | LE | Lecture           |
| Spring 2022 | TH2220   | 2220  | Theatre Production             | TH  | Theatre                        | 1 | Practical experience in technical theatre through serving on run crew for theatre department productions. For non-Design/Technology majors.  | UG | PR | Practicum         |
| Spring 2022 | REL3730  | 3730  | Genesis                        | REL | Religion                       | 3 | Biblical book of Genesis as the foundation of the Bible and of values and concerns of western civilization. Explores ancient Mesopotamian creation and flood myths as sources for these tales. | UG | LE | Lecture           |
| Spring 2022 | CEG6230  | 6230  | Intro Robotics                 | CEG | Computer                       | 3 | (Also listed as CEG 6560 and ME 6560.) An introduction to the mathematics of robots. Topics  | GR | LE | Lecture           |
| Spring 2022 | ANT4990  | 4990  | Selected Topics Anatomy        | ANT | Anatomy                        | 1 | Various anatomy topics will be discussed with an assigned advisor.   | UG | IS | Independent Study |
| Spring 2022 | EES4190L | 4190L | Paleobiology Lab               | EES | Earth & Environmental Sciences | 0 | Required laboratory for EES 4190.  | UG | LB | Lab               |
| Spring 2022 | GEO4100  | 4100  | Remote Sensing                 | GEO | Geography                      | 3 | Survey of remote sensing spatial analysis. Applications, technology, and spatial measurements used to interpret remote sensed images.  | UG | LE | Lecture           |
| Spring 2022 | ACC3230  | 3230  | Management Accounting          | ACC | Accountancy                    | 3 | Application of managerial accounting concepts and techniques to complex problems in manufacturing accounting and service firms.  | UG | LE | Lecture           |
| Spring 2022 | PSY5110  | 5110  | Abnormal Psychology            | PSY | Psychology                     | 3 | Facts and theories pertaining to abnormal behavior. Topics include classification and diagnosis, and causes and treatment of abnormal behavior.  | GR | LE | Lecture           |
| Spring 2022 | EDT8130  | 8130  | Online Crses                   | EDT | Educational                    | 3 | Examines the theory and practices of using educational technologies to ensure online courses   | GR | LE | Lecture           |
| Spring 2022 | DAN2020  | 2020  | Ballet II                      | DAN | Dance                          | 3 | Vocabulary, techniques, and theory of ballet. Emphasis on body alignment and flexibility.  | UG | ST | Studio            |
| Spring 2022 | PHL6240  | 6240  | Literature and Philos.         | PHL | Philosophy                     | 3 | A study of literary texts with strong philosophical themes such as philosophy and tragedy or philosophy of science fiction.  | GR | LE | Lecture           |
| Spring 2022 | PSY2610  | 2610  | Behavior Modification          | PSY | Psychology                     | 3 | Introduces procedures used in the field of behavior modification.  | UG | LE | Lecture           |
| Spring 2022 | ED6570   | 6570  | AYA Int Pt II: Std T WL        | ED  | Education                      | 8 | Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in grades p-12 in Multi-Age World Languages.          | GR | IN | Internship        |
| Spring 2022 | CS2200   | 2200  | Discrete Struc                 | CS  | Computer                       | 4 | Discrete structures and their algorithms for computer science. Emphasis on rigorous proof and  | UG | LE | Lecture           |
| Spring 2022 | PHY5220  | 5220  | Optics                         | PHY | Physics                        | 3 | Study of optics using geometric and physical optics. Theory and applications of interferometry   | GR | LE | Lecture           |
| Spring 2022 | HED4850  | 4850  | Foundations                    | HED | Health                         | 3 | During this culminating health methods experience, students apply health education   | UG | LL | Lecture/Lab       |

|             |         |      |                          |     |                               |   |  |    |     |                         |
|-------------|---------|------|--------------------------|-----|-------------------------------|---|--|----|-----|-------------------------|
| Spring 2022 | IHE8930 | 8930 | Non-Dissrt Resrch in IHE | IHE | Industrial & Hum Fac Engr     | 1 | Ph.D. Non-Dissertation Research in Industrial and Human Factors Engineering  | GR | IS  | Independent Study       |
| Spring 2022 | SPN1010 | 1010 | Beginning                | SPN | Spanish                       | 3 | Communicative introduction to Spanish language and Hispanic cultures. Study of the   | UG | LE  | Lecture                 |
| Spring 2022 | SPN3220 | 3220 | Adv SPN Conv             | SPN | Spanish                       | 3 | Conversational and writing techniques and grammar review; literary and/or film and/or media  | UG | LE  | Lecture                 |
| Spring 2022 | BUS1000 | 1000 | Bus. & Career            | BUS | Business                      | 1 | Perspectives on an undergraduate degree in Business. Professional career opportunities,  | UG | LE  | Lecture                 |
| Spring 2022 | HST2110 | 2110 | American History to 1877 | HST | History                       | 3 | Thematic survey of events, forces, groups, and individuals that contributed to and helped to shape an American civilization on the North American continent. Colonial foundations to 1877.         | UG | LE  | Lecture                 |
| Spring 2022 | ABS7800 | 7800 | Continuing Registration  | ABS | Applied Behavioral Science    | 1 | Continuing Registration.   | GR | IS  | Independent Study       |
| Spring 2022 | LAT3530 | 3530 | Readings in              | LAT | Latin                         | 3 | Virgil's Aeneid, Ovid's Metamorphoses; Lucan, Statius, Valerius Flaccus, and Silius. Topics  | UG | LE  | Lecture                 |
| Spring 2022 | ISE3940 | 3940 | Indus & Sys              | ISE | Industrial &                  | 1 | Industrial and systems engineering internship course. Students are supervised via weekly   | UG | IN  | Internship              |
| Spring 2022 | LAT4810 | 4810 | Independent Reading      | LAT | Latin                         | 1 | Reading and discussion of selected works of Latin literature with emphasis on grammatical, rhetorical, literary, and cultural analysis and criticism. Topics vary.                                 | UG | IS  | Independent Study       |
| Spring 2022 | OIS2400 | 2400 | Independent Study        | OIS | Office Information Systems    | 1 | Directed study on selected topics.   | UG | IS  | Independent Study       |
| Spring 2022 | MGT3210 | 3210 | Human                    | MGT | Management                    | 3 | Overview of human resource (HR) functions and policies, including environment of HR  | UG | LE  | Lecture                 |
| Spring 2022 | CS1021  | 1021 | Intro to Microsoft Acces | CS  | Computer Science              | 1 | This course focuses on learning MS Access software application using a case study approach where critical thinking and problem solving skills are required.  | UG | LE  | Lecture                 |
| Spring 2022 | LEP0480 | 0480 | LEAP Test                | LEP | LEAP                          | 0 | This course is designed to help non-native students of English prepare for standardized  | UG | LE  | Lecture                 |
| Spring 2022 | ME8950  | 8950 | Dissertation Research    | ME  | Mechanical and Materials Engr | 1 | Research on the Ph.D. dissertation topic. Graded pass/unsatisfactory.  | GR | IS  | Independent Study       |
| Spring 2022 | EDS4720 | 4720 | IS Internship            | EDS | Education -                   | 1 | Candidates, mentored by an educator, shall assist in the planning, organizing, delivering, and   | UG | IN  | Internship              |
| Spring 2022 | ME4680  | 4680 | Experimental             | ME  | Mechanical                    | 3 | Laboratory experiments 1) fabrication of nanomaterials; 2) characterization of physical and  | UG | PKG | Combinatio              |
| Spring 2022 | ACC4440 | 4440 | Federal Income Tax II    | ACC | Accountancy                   | 3 | Federal income taxation of business entities and owners. State and local taxes and their impact on tax strategies. Introduction to the legal and ethical responsibilities of the tax practitioner. | UG | LE  | Lecture                 |
| Spring 2022 | HUM7800 | 7800 | Independent Study        | HUM | Humanities                    | 1 | Individual study in the humanities under the direction of a faculty supervisor. Generally requires regular conferences with supervisor and research writing.                                       | GR | IS  | Independent Study       |
| Spring 2022 | EDT7120 | 7120 | Gamification             | EDT | Educational                   | 3 | An introduction to gamification. Students will explore Game Theory and experience games to   | GR | LL  | Lecture/Lab             |
| Spring 2022 | TH2250  | 2250 | Th Graph II Media Color  | TH  | Theatre                       | 3 | Black and white media and basic color theories, materials, and techniques used in designing for the theatre.   | UG | ST  | Studio                  |
| Spring 2022 | MUS6430 | 6430 | Vocal                    | MUS | Music                         | 3 | This course is designed to make students familiar  | GR | LE  | Lecture                 |
| Spring 2022 | PSY6210 | 6210 | Info Processing Cap      | PSY | Psychology                    | 3 | Communication-intensive seminar integrating knowledge on information processing skills such as selective attention, pattern recognition, reading, problem solving, and human performance.          | GR | SE  | Seminar                 |
| Spring 2022 | REL3900 | 3900 | Topics in Phil of Rel    | REL | Religion                      | 3 | Selected topics in the philosophy of religion.   | UG | LE  | Lecture                 |
| Spring 2022 | HST4810 | 4810 | African-                 | HST | History                       | 3 | Examines topics drawing from the African-American experience; may include black ideology   | UG | LE  | Lecture                 |
| Spring 2022 | MUE6770 | 6770 | Chamber Orchestra        | MUE | Music: Ensembles              | 1 | Instrumental ensemble, consisting primarily of strings and varying combinations of wind and percussion instruments, devoted to the study and performance of music written for that medium.         | GR | LL  | Lecture/Lab Combination |
| Spring 2022 | FIN3240 | 3240 | Real Estate              | FIN | Finance                       | 3 | Introduction to the principles and practices of real estate. Topics include the real estate  | UG | LE  | Lecture                 |
| Spring 2022 | MUS6200 | 6200 | Opera Prod               | MUS | Music                         | 2 | Production of opera; public performance and individual coaching. For advanced singers. At the  | GR | LE  | Lecture                 |
| Spring 2022 | BIO5810 | 5810 | Intro to                 | BIO | Biology                       | 3 | Tools-oriented approach to bioinformatics emphasizing DNA data structure, string   | GR | LE  | Lecture                 |
| Spring 2022 | EE4800  | 4800 | UG Special Topics in EE  | EE  | Electrical Engineering        | 1 | Undergraduate special topics in electrical engineering. Topics vary.   | UG | LE  | Lecture                 |

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|-------------|---------|------|-------------------------------|-----|-----------------------------------|-----|--|----|----|---------------------------|
| Spring 2022 | GR6530  | 6530 | Greek History                 | GR  | Greek                             | 3   | Herodotus, Thucydides, Xenophon, Polybius, and Plutarch. Topics include methods of   | GR | LE | Lecture                   |
| Spring 2022 | EES6250 | 6250 | Climate                       | EES | Earth &                           | 3   | This lecture course deals with the causes and variations of temperature and precipitation  | GR | LE | Lecture                   |
| Spring 2022 | GR3530  | 3530 | Readings in                   | GR  | Greek                             | 3   | Select readings in Greek epic and lyric poetry. Topics include structure and technique of oral   | UG | LE | Lecture                   |
| Spring 2022 | SLI1300 | 1300 | Translation &                 | SLI | Sign                              | 3   | Analysis of spoken and signed texts for both meaning and form, comparing and contrasting   | UG | LE | Lecture                   |
| Spring 2022 | LEP0350 | 0350 | List & Speak -<br>Level 3     | LEP | LEAP                              | 0   | Listening, speaking and pronunciation for high-intermediate ESL students. This course has a<br>fee that is non-refundable once the term begins.                                  | UG | LE | Lecture                   |
| Spring 2022 | ENG3230 | 3230 | British Texts:<br>to 21st C   | ENG | English                           | 3   | Representative works of major British writers from the middle of the 19th century through the<br>beginning of the 21st century.  | UG | LE | Lecture                   |
| Spring 2022 | FR6640  | 6640 | FR Canadian                   | FR  | French                            | 3   | French Canadian literature and film in its socio-historical context, with focus on works of  | GR | LE | Lecture                   |
| Spring 2022 | ED7840  | 7840 | Inq to<br>Foundations<br>Educ | ED  | Education                         | 3   | An inquiry into the historical, philosophical, cultural, and social trends and issues in education<br>in a democratic society  | GR | LE | Lecture                   |
| Spring 2022 | SOC6620 | 6620 | Elite Crime                   | SOC | Sociology                         | 3   | Theoretical and critical examination of the extent, cost, and control of elite crime and deviance.   | GR | LE | Lecture                   |
| Spring 2022 | MTH4460 | 4460 | Modeling Mid                  | MTH | Mathematics                       | 4   | Learning to think quantitatively through solving pure and applied mathematics problems and   | UG | LE | Lecture                   |
| Spring 2022 | CL4720  | 4720 | Advanced<br>Microbiology      | CL  | Clinical<br>Laboratory<br>Science | 2   | Characteristics, pathophysiologic mechanisms and identification of chyamydia, fungi, viruses<br>and other organisms and the methods used to diagnose and treat related diseases. | UG | LE | Lecture                   |
| Spring 2022 | PPH7230 | 7230 | HP with Indiv<br>with Disab   | PPH | Population &<br>Public Health     | 3   | This course introduces the health disparities experience by individuals and explores the unique<br>social, physical and political needs for health promotion interventions.      | GR | LE | Lecture                   |
| Spring 2022 | PSY4200 | 4200 | Cognitive<br>Psych Cap        | PSY | Psychology                        | 3   | Communication-intensive seminar integrating knowledge on cognitive psychology. Topics will<br>vary. Integrated Writing course.   | UG | SE | Seminar                   |
| Spring 2022 | PPH7020 | 7020 | Public Health                 | PPH | Population &                      | 3   | This is an introduction to epidemiology; including historical foundations, basic concepts,   | GR | LE | Lecture                   |
| Spring 2022 | KNH2610 | 2610 | Athletic<br>Training          | KNH | Kinesiology &<br>Health           | 3   | Introduction to athletic training and sports medicine for health and physical education.   | UG | LL | Lecture/Lab<br>Combinatio |
| Spring 2022 | ART3280 | 3280 | Intermediate                  | ART | Art                               | 3   | Development of personal concepts and aesthetic expression in drawing. Emphasis on  | UG | LB | Lab                       |
| Spring 2022 | MGT4780 | 4780 | Honors Ind<br>Study in Mgt    | MGT | Management                        | 3   | Honors: Independent Study in Management  | UG | IS | Independen<br>t Study     |
| Spring 2022 | UVC1000 | 1000 | College<br>Success<br>Topics  | UVC | University<br>College             | 1   | Variable topics, including study strategies, returning to learning for veterans, returning to<br>learning for adults, Phoenix program.   | UG | LE | Lecture                   |
| Spring 2022 | CL4220  | 4220 | Laboratory<br>Management      | CL  | Clinical<br>Laboratory<br>Science | 1.5 | Principles of education, laboratory management, computer application and completion and<br>presentation of a scientific project. Integrated Writing course.                      | UG | LE | Lecture                   |
| Spring 2022 | DAN3410 | 3410 | Choreography                  | DAN | Dance                             | 2   | Basic craft of choreography in dance. Particular attention paid to use of various stimuli to   | UG | ST | Studio                    |
| Spring 2022 | ATR7950 | 7950 | Clinical                      | ATR | Athletic                          | 4   | Immersive clinical experience. Culminating experience allowing for mastery of all  | GR | IN | Internship                |
| Spring 2022 | SW4860  | 4860 | SW Field                      | SW  | Social Work                       | 3   | First of two field practicum courses where students apply generalist social work practice  | UG | PR | Practicum                 |
| Spring 2022 | MGT4200 | 4200 | Positive Grp &                | MGT | Management                        | 3   | Presents basic ideas, philosophies, theories and techniques of organizational development  | UG | LE | Lecture                   |
| Spring 2022 | REL5730 | 5730 | Genesis                       | REL | Religion                          | 3   | Examines Genesis as the foundation of the Bible in context with cultural tales such as the<br>ancient Mesopotamian creation and flood myths.                                     | GR | LE | Lecture                   |
| Spring 2022 | SPN5120 | 5120 | Spanish<br>Conversation II    | SPN | Spanish                           | 3   | Practice in oral use of Spanish emphasizing the culture of the Hispanic world.   | GR | LE | Lecture                   |
| Spring 2022 | ACC4780 | 4780 | Hon: Ind Study<br>in ACC      | ACC | Accountancy                       | 2   | Research in accounting for fulfillment of the Honors Program project requirement.  | UG | IS | Independen<br>t Study     |
| Spring 2022 | CHM7440 | 7440 | Struc Concept<br>Org Chem     | CHM | Chemistry                         | 2   | Study of molecular orbital theory, reactive species, theories of acids and bases, and an<br>introduction to stereochemistry.   | GR | LE | Lecture                   |
| Spring 2022 | ART2080 | 2080 | 3D Design and<br>Form         | ART | Art                               | 3   | Introduction to basic processes, materials, and concepts of sculpture.   | UG | LB | Lab                       |
| Spring 2022 | TH3450  | 3450 | Acting III                    | TH  | Theatre                           | 3   | Training in approaches to a range of texts by playwrights from the early and late Modern period  | UG | LL | Lecture/Lab               |
| Spring 2022 | EDL8720 | 8720 | Bldg-Level                    | EDL | Educational                       | 3   | Developing procedures of administering staff personnel aspects of school operation. Areas of   | GR | LL | Lecture/Lab               |
| Spring 2022 | ANT7110 | 7110 | Human Gross<br>Anatomy        | ANT | Anatomy                           | 6   | (Also listed as BMS 8370.) Lectures and dissection of human cadaver donor.   | GR | LL | Lecture/Lab<br>Combinatio |

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|-------------|----------|-------|--------------------------|-----|---------------------------|-----|---|----|----|-------------------|
| Spring 2022 | STT4260  | 4260  | Survival                 | STT | Statistics                | 3   | Censoring and truncation, survival and hazard functions, estimation and hypothesis tests, Cox   | UG | LE | Lecture           |
| Spring 2022 | ANT6040  | 6040  | Biomedical               | ANT | Anatomy                   | 2   | Students must have completed Biomedical Review Article (ANT 6030) in order to take this   | GR | IS | Independent       |
| Spring 2022 | RHB7700  | 7700  | Independent Reading      | RHB | Rehabilitation            | 1   | Independent study in areas of interest to students but not readily available in any existing course.  | GR | IS | Independent Study |
| Spring 2022 | PLS4930  | 4930  | Contemporary Problems    | PLS | Political Science         | 3   | Advanced study in selected topics that frequently include new developments in the methodology or subject matter of the various sub fields of the discipline. Integrated Writing course. | UG | LE | Lecture           |
| Spring 2022 | ENG4940  | 4940  | TESOL Internship         | ENG | English                   | 3   | Supervision of students teaching English to speakers of other languages.  | UG | IN | Internship        |
| Spring 2022 | COM4620  | 4620  | Mass Media Law           | COM | Communication             | 3   | Laws and regulations affecting mass media.  | UG | LE | Lecture           |
| Spring 2022 | ATH5520  | 5520  | America's                | ATH | Anthropology              | 3   | Discussion of 300 years of historic lifeways across North America with a focus on   | GR | LE | Lecture           |
| Spring 2022 | EED4200  | 4200  | Math Methods P           | EED | Elementary                | 3   | Curricula and materials for teaching P-5 Mathematics emphasizing conceptual math, growth  | UG | LE | Lecture           |
| Spring 2022 | HST4400  | 4400  | Asian History            | HST | History                   | 3   | Examines various periods of Chinese, Japanese, and other Asian histories. Topics vary. Integrated Writing course.   | UG | LE | Lecture           |
| Spring 2022 | URS4990  | 4990  | Applied Research Project | URS | Urban Affairs             | 3   | Involves students in the process of researching and writing a senior seminar paper. Integrated Writing course.  | UG | SE | Seminar           |
| Spring 2022 | ME6880   | 6880  | Powder                   | ME  | Mechanical                | 3   | Fundamental metallurgy and ceramic science of powder processing techniques. Details of  | GR | LE | Lecture           |
| Spring 2022 | M&I6990  | 6990  | Special Problems in M&I  | M&I | Microbiology & Immunology | 2   | Study of the physiological and biochemical processes unique to microorganisms and the host response to microbes.  | GR | IS | Independent Study |
| Spring 2022 | REL3490  | 3490  | Hindu                    | REL | Religion                  | 3   | Explores conceptualizations of the divine feminine in Hinduism, combines textual, historic, and   | UG | LE | Lecture           |
| Spring 2022 | CEG6230L | 6230L | Intro Robotics Lab       | CEG | Computer Engineering      | 1   | Laboratory supporting EE 6560. Students will experience hands on learning in lab environment.   | GR | LB | Lab               |
| Spring 2022 | FIN3280  | 3280  | Entrepreneuria           | FIN | Finance                   | 3   | Financing of small and medium sized businesses from the perspective of both the   | UG | LE | Lecture           |
| Spring 2022 | KNH1460A | 1460A | Rape Def Strat: Intermed | KNH | Kinesiology & Health      | 1   | Intermediate level of skills and knowledge in Rape Defense Strategies: Intermediate. Competency-based approach. Course may accommodate disabled students when appropriate.              | UG | LB | Lab               |
| Spring 2022 | DAN2110  | 2110  | Modern Dance             | DAN | Dance                     | 3   | Second-year intermediate modern dance technique class for pre-professional dancers.   | UG | ST | Studio            |
| Spring 2022 | ED6960   | 6960  | Cont Sem:                | ED  | Education                 | 3   | Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical  | GR | SE | Seminar           |
| Spring 2022 | ART3130  | 3130  | Studies                  | ART | Art                       | 3   | General surveys and intensive studies of the period, major movements, and artists of the time.  | UG | LE | Lecture           |
| Spring 2022 | BIO5450  | 5450  | Concepts in              | BIO | Biology                   | 3.5 | Introduction to biological concepts for Elementary and Middle School education majors.  | GR | LL | Lecture/Lab       |
| Spring 2022 | ME4570   | 4570  | Energy                   | ME  | Mechanical                | 3   | Students will understand the principles and the materials of advanced electrochemical energy  | UG | LE | Lecture           |
| Spring 2022 | SOC3220  | 3220  | Juvenile Delinquency     | SOC | Sociology                 | 3   | Problems of definition and treatment of delinquency. Preparation for further study and work with delinquents.   | UG | LE | Lecture           |
| Spring 2022 | CEG8910  | 8910  | PhD Seminar in CEG       | CEG | Computer Engineering      | 1   | Seminar discussion of current research in computer engineering.   | GR | SE | Seminar           |
| Spring 2022 | ACC3260  | 3260  | Account Sys              | ACC | Accountancy               | 3   | Design and accounting database modeling, accounting transactions for database environment,  | UG | LE | Lecture           |
| Spring 2022 | PSY2030  | 2030  | Careers in               | PSY | Psychology                | 1   | Help students explore the field of Clinical Psychology by learning about different career paths   | UG | LE | Lecture           |
| Spring 2022 | BME4350  | 4350  | Comp                     | BME | Biomedical                | 3   | Principles and application of computational methods and technologies to neuroergonomics   | UG | LE | Lecture           |
| Spring 2022 | PTX8040  | 8040  | Good                     | PTX | Pharmacology/             | 3   | GLP regulations are a set of international standards developed to ensure quality and reliability  | GR | LE | Lecture           |
| Spring 2022 | LDR8020  | 8020  | Strat Planning in Orgs   | LDR | Leadership                | 3   | Study of organizational strategic planning theory and practices. Includes development of strategic plans for organizations.   | GR | LE | Lecture           |
| Spring 2022 | EE7630   | 7630  | Stochastic               | EE  | Electrical                | 3   | Processing, techniques for stochastic signals. Parametric and nonparametric spectral  | GR | LE | Lecture           |
| Spring 2022 | ME7780   | 7780  | Ceramics-                | ME  | Mechanical                | 3   | Science and technology of ceramics and glasses and their use in various products; atomic  | GR | LE | Lecture           |
| Spring 2022 | HST6820  | 6820  | Military History         | HST | History                   | 3   | Intensive analysis of topics in the history of military affairs in the world since the late 15th  | GR | LE | Lecture           |
| Spring 2022 | NUR4461  | 4461  | Ldrshp&Mgmt              | NUR | Nursing                   | 10  | Facilitates the transition from student to professional nursing role through concentrated   | UG | LE | Lecture           |
| Spring 2022 | ED4610   | 4610  | Practicum in             | ED  | Education                 | 2   | Candidates holding a valid teaching license, under direct supervision of an experienced   | UG | IN | Internship        |

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|-------------|----------|-------|--------------------------|-----|-------------------------------|---|--|----|----|------------------------|
| Spring 2022 | BIO3520  | 3520  | Human Biomechanics       | BIO | Biology                       | 4 | Analysis of muscular interrelationships in basic body movements; analysis of principles of mechanics as they relate to fundamental and complex motor skills.                           | UG | LE | Lecture                |
| Spring 2022 | REL3530  | 3530  | Asian                    | REL | Religion                      | 3 | Explores ethics and morality as construed in a variety of Asian religious traditions including   | UG | LE | Lecture                |
| Spring 2022 | PHY7120  | 7120  | Rel Quantum Mech         | PHY | Physics                       | 3 | Relativistic treatment of fields, quantum theory of radiation, relativistic treatment of spin, the Dirac equation and its solution, scattering of relativistic particles.              | GR | LE | Lecture                |
| Spring 2022 | TH2500   | 2500  | Script Analysis          | TH  | Theatre                       | 3 | Introduces students to a variety of methods for examining theatrical texts.  | UG | LE | Lecture                |
| Spring 2022 | HST4220  | 4220  | Russian/Soviet History   | HST | History                       | 3 | Examines particular periods of Russian and Soviet history (e.g., the Soviet Union under Stalin) or topics (e.g., the Russian Revolution). Topics vary. Integrated Writing course.      | UG | LE | Lecture                |
| Spring 2022 | BIO7890  | 7890  | Continuing               | BIO | Biology                       | 1 | Maintenance of contacts with department. Fulfills university requirement that student must be  | GR | IS | Independen             |
| Spring 2022 | PLS6080  | 6080  | Radical Black Thought    | PLS | Political Science             | 3 | Examines radical black thought and philosophy from a Pan-Africanist perspective, primarily focuses on the 20th century.  | GR | LE | Lecture                |
| Spring 2022 | KNH1770A | 1770A | Water Safety Instruction | KNH | Kinesiology & Health          | 1 | National American Red Cross standards training for teaching American Red Cross Swimming and Diving and Water Safety courses.   | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | PSI8140  | 8140  | Rorschach                | PSI | Professional Psychology       | 3 | Introduction to the Rorschach; how and when to administer; how to score, interpret, and convey results meaningfully.   | GR | LE | Lecture                |
| Spring 2022 | TH4340   | 4340  | Theatrical Rigging       | TH  | Theatre                       | 2 | Design and use of rigging systems in theatrical settings. Proper selection and use of rigging hardware and equipment and fall protection.  | UG | LL | Lecture/Lab Combinatio |
| Spring 2022 | EC3510   | 3510  | Labor Economics          | EC  | Economics                     | 3 | A study of labor market behavior and wage determination, addressing the impact of new technologies, global competition, and deindustrialization on American labor markets.             | UG | LE | Lecture                |
| Spring 2022 | MUA7200  | 7200  | Applied Music            | MUA | Music: Applied Music          | 2 | Open only to Graduate Students. All students must have auditioned for and have received departmental approval before registering for applied music.                                    | GR | IS | Independent Study      |
| Spring 2022 | ACC3010  | 3010  | Intermediate             | ACC | Accountancy                   | 3 | Financial accounting concepts applied to complex problems in the measurement of balance  | UG | LE | Lecture                |
| Spring 2022 | PSY3710  | 3710  | Perception               | PSY | Psychology                    | 3 | Examines active processes by which organisms gather, interpret, and respond to environmental stimuli.  | UG | LE | Lecture                |
| Spring 2022 | LAT6510  | 6510  | Roman Didactic Lit       | LAT | Latin                         | 3 | Study of Roman didactic literature: Lucretius, Vergil's Georgics, Cicero's philosophical works, Seneca, and Quintillian. Titles vary.  | GR | LE | Lecture                |
| Spring 2022 | HPR2010  | 2010  | Teaching Invasion Games  | HPR | Health Phy Educ & Recreation  | 3 | This activity class models best teaching practices in invasion games such as basketball, soccer, and flag football. Students are required to demonstrate skill performance competency. | UG | LE | Lecture                |
| Spring 2022 | DEV0415  | 0415  | Fndtn Ele Math           | DEV | Developmental                 | 2 | The course includes a study of number systems and place value; concepts and algorithms for   | UG | LE | Lecture                |
| Spring 2022 | PLS6640  | 6640  | Israel and               | PLS | Political                     | 3 | This class examines the domestic politics of Israel and Palestine, and the international politics  | GR | LE | Lecture                |
| Spring 2022 | SOC3710  | 3710  | Comparative              | SOC | Sociology                     | 3 | Cross cultural approach examining select criminal justice systems in Europe, Asia, the Middle  | UG | LE | Lecture                |
| Spring 2022 | EDL9450  | 9450  | Adv                      | EDL | Educational                   | 3 | Studying curriculum theories from original sources and relating those theories to philosophical  | GR | LE | Lecture                |
| Spring 2022 | FAS4000  | 4000  | Cereal Technology        | FAS | Food and Agricultural Systems | 3 | Cereal grains, their quality attributes, common processing technologies and end product utilization.   | UG | LE | Lecture                |
| Spring 2022 | MTH3100  | 3100  | Math Modeling            | MTH | Mathematics                   | 3 | Differential equations, axiomatics, probability theory, matrix algebra, simulation, and game   | UG | LE | Lecture                |
| Spring 2022 | ENG6440  | 6440  | Studies                  | ENG | English                       | 3 | Intensive study of literature from different regions of America or reflecting the experiences of   | GR | LE | Lecture                |
| Spring 2022 | OL4030   | 4030  | Undergrad OL             | OL  | Organizational                | 3 | Supervised experience in Organizational Leadership classroom instructional assistance.   | UG | SE | Seminar                |
| Spring 2022 | PLS4850  | 4850  | Chinese                  | PLS | Political                     | 3 | Examines development and current practices of Chinese foreign policy. Special attention  | UG | LE | Lecture                |
| Spring 2022 | IHE6320  | 6320  | Hum-Sys Int &            | IHE | Industrial &                  | 3 | User-centered design and usability testing for product development with an emphasis on   | GR | LE | Lecture                |
| Spring 2022 | ML2040   | 2040  | The Hispanic             | ML  | Modern                        | 3 | Introduction to Hispanic cultures with particular focus on Spain's relationship with its "Others"  | UG | LE | Lecture                |
| Spring 2022 | ASL3100  | 3100  | Advanced ASL I           | ASL | American Sign Language        | 4 | Additional vocabulary and sentence structure acquisition pairs with expressive and receptive fluency as well as ASL discourse features.  | UG | LE | Lecture                |
| Spring 2022 | ENG4980  | 4980  | English Honors Tutorial  | ENG | English                       | 1 | Two-semester sequence for senior English majors who are doing an English honors project.<b> Department Managed Prerequisite(s): Undergraduate level ENG 3060 Minimum Grade of C</b>    | UG | IS | Independent Study      |
| Spring 2022 | PLS4380  | 4380  | Environmental            | PLS | Political                     | 3 | Environmental law and policy and the statutory framework pertaining to environmental impact  | UG | LE | Lecture                |
| Spring 2022 | EDL9720  | 9720  | Ideas in                 | EDL | Educational                   | 3 | Draws on original sources and examines the impact of both professional and non-professional  | GR | LE | Lecture                |
| Spring 2022 | MTH7310  | 7310  | Real Analysis I          | MTH | Mathematics                   | 4 | Cardinality of sets. Metric spaces, convergence, completeness, compactness. Fixed point  | GR | LE | Lecture                |

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| Spring 2022 | BMS7411  | 7411  | Rehab Engin Design I        | BMS | Biomedical Sciences    | 3 | Application of knowledge and experience in the rehabilitation engineering design, research and development process. Includes navigating funding issues.                                 | GR | LE | Lecture           |
| Spring 2022 | GER3260  | 3260  | Business                    | GER | German                 | 3 | Study of the business culture behind German. Development of communication skills and  | UG | LE | Lecture           |
| Spring 2022 | PHY1110L | 1110L | Prin Physics Lab I          | PHY | Physics                | 1 | Introductory-level laboratory problems.   | UG | LB | Lab               |
| Spring 2022 | PPH7210  | 7210  | Maternal and                | PPH | Population &           | 3 | Concentrating on women of childbearing age, pregnant women, infants, and children from birth  | GR | LE | Lecture           |
| Spring 2022 | PHY7530  | 7530  | Ultrafast Optics            | PHY | Physics                | 3 | The science and application of ultrafast optics. The theory of the generation, propagation, and application of ultrafast laser pulses. Nonlinear optics as related to ultrafast optics. | GR | SE | Seminar           |
| Spring 2022 | MTH1270  | 1270  | Intro to                    | MTH | Mathematics            | 4 | An application of mathematics to modeling real-world problems in the STEM   | UG | LE | Lecture           |
| Spring 2022 | CS1011   | 1011  | Comp                        | CS  | Computer               | 3 | Advanced Microsoft Office software for problem solving and data analysis. Spreadsheet and   | UG | LL | Lecture/Lab       |
| Spring 2022 | EGR7030  | 7030  | Computation Egr Analysis    | EGR | Engineering            | 3 | Students will learn practical and efficient computational techniques that are routinely encountered in modeling, simulation and analysis of engineering problems.                       | GR | LE | Lecture           |
| Spring 2022 | CS7960   | 7960  | Project - Cyber Security    | CS  | Computer Science       | 1 | Capstone Project Research in Cyber Security   | GR | IS | Independent Study |
| Spring 2022 | EE4000   | 4000  | Linear Systems II           | EE  | Electrical Engineering | 3 | Discrete time signals and systems theory, the z-transform theory, input/output relationships, discrete Fourier transform, IIR and FIR filter design, and sampling.                      | UG | LE | Lecture           |
| Spring 2022 | MTH6290  | 6290  | Cryptography                | MTH | Mathematics            | 3 | Mathematical principles of cryptography and data security. Preliminary algebra and number   | GR | LE | Lecture           |
| Spring 2022 | PSI8060  | 8060  | Affective                   | PSI | Professional           | 3 | The purpose of this course is to introduce students to the major issues and important concepts  | GR | LE | Lecture           |
| Spring 2022 | PPH8110  | 8110  | Public Health               | PPH | Population &           | 1 | This applied practice experience is a supervised applied public health learning experience in   | GR | PR | Practicum         |
| Spring 2022 | BIO4110  | 4110  | The Aquatic                 | BIO | Biology                | 5 | Detailed coverage of the physical-chemical and biological aspects of inland aquatic   | UG | LE | Lecture           |
| Spring 2022 | PSY4100  | 4100  | Applied Psych Cap           | PSY | Psychology             | 3 | Writing and oral communication intensive seminar integrating knowledge on applied psychology. Topics vary. Integrated Writing course.   | UG | SE | Seminar           |
| Spring 2022 | NUR7004  | 7004  | Theoretical Fndatns Nsg     | NUR | Nursing                | 3 | Analysis of nursing and other selected concepts, models, and theories as related to nursing practice, administration, and education in development and application of nursing science   | GR | LE | Lecture           |
| Spring 2022 | APS3030  | 3030  | Services                    | APS | Applied                | 3 | This course is designed for students who may be interested in service industries and will   | UG | LE | Lecture           |
| Spring 2022 | BIO6750L | 6750L | Ichthyology Lab             | BIO | Biology                | 0 | Required laboratory for BIO 6750.   | GR | LB | Lab               |
| Spring 2022 | ES7990   | 7990  | Indep Topics & Research     | ES  | Environmental Sciences | 1 | Research and problems designed for specific needs and talents of the students.  | GR | IS | Independent Study |
| Spring 2022 | ED7030   | 7030  | LA and SS Grades 4/5 □      | ED  | Education              | 3 | Pedagogy and content knowledge of content area reading through the study of grades 4 and 5 social studies.  | GR | LE | Lecture           |
| Spring 2022 | FR4640   | 4640  | FR Canadian                 | FR  | French                 | 3 | French Canadian literature and film in its socio-historical context, with focus on works of   | UG | LE | Lecture           |
| Spring 2022 | MKT3700  | 3700  | Create, Solve, Communicate  | MKT | Marketing              | 3 | Methods for enhancing creativity, team building and communication to better solve problems, all of which are essential tools for effective marketing.                                   | UG | LE | Lecture           |
| Spring 2022 | LDR7500  | 7500  | Internship in Ldrshp Dev    | LDR | Leadership             | 3 | An organization-based experience that provides students with an opportunity to gain an understanding of and practice with leadership-in-action.   | GR | IN | Internship        |
| Spring 2022 | LEP0340  | 0340  | Integrated Skills - Level 3 | LEP | LEAP                   | 0 | Reading, vocabulary, listening and note-taking, cross-cultural discussions for high-intermediate ESL students. This course has a fee that is non-refundable once the term               | UG | LE | Lecture           |
| Spring 2022 | IT3400   | 3400  | 3D Digital                  | IT  | Information            | 3 | Fundamental topics of 3D digital modeling will be explored in both a virtual and 3D printing  | UG | LE | Lecture           |
| Spring 2022 | CS6970   | 6970  | Independent Study in CS     | CS  | Computer Science       | 1 | Independent study in computer science.  | GR | IS | Independent Study |
| Spring 2022 | HEA9260  | 9260  | The                         | HEA | Higher                 | 3 | Explores the historical roots of the most exciting, important innovation in American higher   | GR | LE | Lecture           |
| Spring 2022 | SPN6110  | 6110  | SPN Instr Practicum I       | SPN | Spanish                | 1 | Observe elementary and/or intermediate level classes; teach mini-units on culture, language, and literature using the Proficiency Method and the National Standards for Language        | GR | PR | Practicum         |
| Spring 2022 | CEG2900  | 2900  | Spec Topics in Comp Egr     | CEG | Computer Engineering   | 1 | Special topics in Computer Engineering.   | UG | LE | Lecture           |
| Spring 2022 | MTH7520  | 7520  | Algebra II                  | MTH | Mathematics            | 4 | Rings and modules: Noetherian rings and modules, Artinian rings and modules, and  | GR | LE | Lecture           |
| Spring 2022 | PLS6030  | 6030  | Campaigns and Elections     | PLS | Political Science      | 3 | American political electoral institutions and processes, and campaigns.   | GR | LE | Lecture           |
| Spring 2022 | HEA9210  | 9210  | Curriculum in               | HEA | Higher                 | 3 | Introduction to patterns of curricular organization in the four-year college and university with  | GR | LE | Lecture           |

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|-------------|----------|-------|---------------------------|-----|-------------------------------|---|---|----|----|-------------------------|
| Spring 2022 | CNL4610  | 4610  | Principles of Counseling  | CNL | Counseling                    | 3 | An overview of major counseling principles, theories, techniques, historical foundations, and services.   | UG | LE | Lecture                 |
| Spring 2022 | LEP0625  | 0625  | Interm&High               | LEP | LEAP                          | 0 | Students further develop the writing skills which they are working on in their writing class.   | UG | LE | Lecture                 |
| Spring 2022 | EDT8590  | 8590  | LMS &                     | EDT | Educational                   | 3 | Examines the issues with integrating curriculum with educational technologies such as   | GR | LE | Lecture                 |
| Spring 2022 | NUR7202  | 7202  | Acute Adult               | NUR | Nursing                       | 8 | Focus is on complex symptom management related to acute and emergent physiological  | GR | SE | Seminar                 |
| Spring 2022 | APS4270  | 4270  | Community                 | APS | Applied                       | 3 | Capstone learning experience for students in the Community Leadership track of the BTAS   | UG | SP | Self-Paced              |
| Spring 2022 | DOS9035  | 9035  | Emerg Issues in Org Study | DOS | Doctor Org Studies            | 3 | This course focuses on theory, research, and current trends related to organizational theory from the individual, team, and organizational perspectives.  | GR | SE | Seminar                 |
| Spring 2022 | CHM4720  | 4720  | Chemical Crystallography  | CHM | Chemistry                     | 3 | Methodology and techniques in the determination of crystal and molecular structures using single-crystal x-ray diffraction.   | UG | LE | Lecture                 |
| Spring 2022 | IHE7340  | 7340  | User Exp Dsgn             | IHE | Industrial &                  | 3 | This course will introduce students to user experience and human factors concepts related to  | GR | LE | Lecture                 |
| Spring 2022 | MTH2435  | 2435  | Elem Math                 | MTH | Mathematics                   | 4 | Overview of mathematical topics from a perspective appropriate for early and middle childhood   | UG | LE | Lecture                 |
| Spring 2022 | SW6220   | 6220  | SW Practice II            | SW  | Social Work                   | 0 | Approaches social work macro practice from an advanced generalist perspective as a way to   | GR | LE | Lecture                 |
| Spring 2022 | MTH5260  | 5260  | Num Mthds                 | MTH | Mathematics                   | 3 | Numerical methods for the sciences using modern programming languages. Solution of linear   | GR | LE | Lecture                 |
| Spring 2022 | SW6880   | 6880  | Gero Cert Project         | SW  | Social Work                   | 3 | Applied research in an agency setting that serves older adults under the guidance of the gerontology certificate director.  | GR | IS | Independent Study       |
| Spring 2022 | PLS6819  | 6819  | PLS Internship            | PLS | Political Science             | 3 | Internship for academic credit. Interns are expected to work at least 12-15 hours per week and write an assessment of the experience at the end of the semester.                                  | GR | IN | Internship              |
| Spring 2022 | ENG2320  | 2320  | Amer Acad Culture         | ENG | English                       | 3 | Unique cultural norms within American higher education through critical analysis of the social, political, and economic factors which have influenced their development and continuous evolution. | UG | LE | Lecture                 |
| Spring 2022 | RST2920  | 2920  | Regional Studies: India   | RST | Regional Studies              | 3 | India's role in regional and global affairs and the impact of history, culture and politics in the development of India and South Asia. Integrated Writing course.                                | UG | LE | Lecture                 |
| Spring 2022 | BIO4070  | 4070  | Wetlands Biology          | BIO | Biology                       | 5 | Ecological investigation of wetlands of United States, with emphasis on Midwest. Covers soils, vegetation, hydrology, conservation, and restoration. Primarily field oriented and some lecture.   | UG | LL | Lecture/Lab Combination |
| Spring 2022 | ME4610   | 4610  | Thermal-Fluids            | ME  | Mechanical                    | 2 | Experiments in thermodynamics, fluid dynamics and heat transfer will be performed. Lab  | UG | LE | Lecture                 |
| Spring 2022 | BIO4800  | 4800  | Conservation              | BIO | Biology                       | 3 | The goal of this class is to provide you an entry into the field of conservation biology. Since   | UG | LE | Lecture                 |
| Spring 2022 | FIN7500  | 7500  | Fin Mgt Health Care Org   | FIN | Finance                       | 3 | Overview of the financial management function in health care organizations. Topics include budgeting, control, capital expenditure analysis, and rate settings.                                   | GR | LE | Lecture                 |
| Spring 2022 | EE4830   | 4830  | Internship in EE          | EE  | Electrical Engineering        | 1 | Practical work experience in undergraduate level electrical engineering.  | UG | IN | Internship              |
| Spring 2022 | PSY8000  | 8000  | Graduate HF/IO Seminar    | PSY | Psychology                    | 0 | Weekly discussions of topics in Human Factors or Industrial/Organizational Psychology.  | GR | SE | Seminar                 |
| Spring 2022 | REL5770  | 5770  | Letters of Paul           | REL | Religion                      | 3 | Literary and historical study of the letters of Paul, aiming to discover when and why they were   | GR | LE | Lecture                 |
| Spring 2022 | KNH1180A | 1180A | Dance: Swing              | KNH | Kinesiology & Health          | 1 | Fundamental skills and knowledge of Dance: Swing. Competency-based approach. Course may accommodate disabled students when appropriate.   | UG | LB | Lab                     |
| Spring 2022 | EE4460L  | 4460L | Microwave Egr             | EE  | Electrical                    | 1 | Hands-on experience with active component microwave devices, subsystems, and  | UG | LB | Lab                     |
| Spring 2022 | PSI9670  | 9670  | Multiprofession           | PSI | Professional                  | 3 | Physicians, psychologists and clergy must interact with a variety of professionals in their   | GR | LE | Lecture                 |
| Spring 2022 | ME4990   | 4990  | Independent Study in ME   | ME  | Mechanical and Materials Engr | 1 | Independent study in Mechanical Engineering or Materials Science and Engineering. Topics vary.  | UG | IS | Independent Study       |
| Spring 2022 | CS7700   | 7700  | Adv. Database             | CS  | Computer                      | 3 | Introduction of design concepts, operating principles, current trends, and research issues in   | GR | LE | Lecture                 |
| Spring 2022 | URS4210  | 4210  | Pubic                     | URS | Urban Affairs                 | 3 | Examines leadership role of the public and nonprofit administrators in formulating programs,  | UG | LE | Lecture                 |
| Spring 2022 | SCM4800  | 4800  | Special Topics in SCM     | SCM | Supply Chain Management       | 3 | Focuses on one area of emerging trend of supply chain management.   | UG | LE | Lecture                 |
| Spring 2022 | EP6000   | 6000  | Semiconductor             | EP  | Engineering                   | 3 | Study of crystal structure, electronic band structure, charge carriers in semiconductors,   | GR | LE | Lecture                 |
| Spring 2022 | URS2000  | 2000  | Cities of the             | URS | Urban Affairs                 | 3 | Interdisciplinary view of growth and change in urban societies around the globe. Case studies   | UG | LE | Lecture                 |
| Spring 2022 | APS4030  | 4030  | APS Finance               | APS | Applied                       | 3 | A course to provide opportunities for students to gain knowledge, practice, and study in  | UG | LE | Lecture                 |
| Spring 2022 | GER6030  | 6030  | Adv. Studies:             | GER | German                        | 3 | Advanced level course on German or German-American literature, culture or film. Topics and  | GR | LE | Lecture                 |



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|-------------|---------|-------|--------------------------------|-----|----------------------------------|---|---|----|----|-------------|
| Spring 2022 | URS4460 | 4460  | Transportation                 | URS | Urban Affairs                    | 3 | Principles related to developing and managing public and human service transportation   | UG | LE | Lecture     |
| Spring 2022 | BIO3130 | 3130  | Plant Biology                  | BIO | Biology                          | 5 | Overview of plant biology, including algae, fungi, mosses and vascular plants. Basic plant  | UG | LE | Lecture     |
| Spring 2022 | BMS7111 | 7111  | Adv                            | BMS | Biomedical                       | 3 | Characteristics and measurement of various biomedical signals; time-domain and frequency-   | GR | LE | Lecture     |
| Spring 2022 | LEP0330 | 0330  | Grammar -<br>Level 3           | LEP | LEAP                             | 0 | Grammar for high-intermediate ESL students. This course has a fee that is non-refundable<br>once the term begins.   | UG | LE | Lecture     |
| Spring 2022 | PHL5050 | 5050  | 19th Century                   | PHL | Philosophy                       | 3 | Study of 19th century European philosophy. Topics include the idealist rejection of materialism   | GR | LE | Lecture     |
| Spring 2022 | SW4740  | 4740  | Child Welfare<br>II            | SW  | Social Work                      | 3 | Addresses the developmental and permanence needs of children in the child welfare system.   | UG | LE | Lecture     |
| Spring 2022 | ENG6300 | 6300  | Studies in                     | ENG | English                          | 3 | Intensive study of American literary history and/or the work of individual American writers.  | GR | LE | Lecture     |
| Spring 2022 | ATH5200 | 5200  | Sp Topics in                   | ATH | Anthropology                     | 3 | Selected topics concerning the method and theory of anthropological thought and relationships   | GR | LE | Lecture     |
| Spring 2022 | BIO4340 | 4340  | Biological<br>Safety           | BIO | Biology                          | 2 | Identification, handling, and containment of potentially hazardous biological materials,<br>including microorganisms and recombinant DNA.   | UG | LE | Lecture     |
| Spring 2022 | PSY3070 | 3070  | Tests &<br>Measures            | PSY | Psychology                       | 3 | Introduction to the use, application, evaluation, and development of psychological tests and<br>measures including ability, aptitude, attitude, standardized, or normed measures.   | UG | LE | Lecture     |
| Spring 2022 | EC3700  | 3700  | Environ & Ecol                 | EC  | Economics                        | 3 | Analyzes environmental quality from both microeconomic and systems frameworks.  | UG | LE | Lecture     |
| Spring 2022 | EE4560L | 4560L | Intro Robotics<br>Lab          | EE  | Electrical<br>Engineering        | 1 | Laboratory introducing plant moduling and controller design.  | UG | LB | Lab         |
| Spring 2022 | EES4740 | 4740  | Fund Occup                     | EES | Earth &                          | 3 | Accident recognition, evaluation, and control in the work environment regarding hands-on  | UG | LL | Lecture/Lab |
| Spring 2022 | PLS4420 | 4420  | Criminal<br>Justice System     | PLS | Political<br>Science             | 3 | Survey of the American criminal justice system concentrating on political aspects. Topics<br>include police, judges, attorneys, supreme court decisions, crime, and public opinion. | UG | LE | Lecture     |
| Spring 2022 | URS3200 | 3200  | Comm/Reg                       | URS | Urban Affairs                    | 3 | Development of city planning as a professional discipline that has significantly shaped urban   | UG | LE | Lecture     |
| Spring 2022 | SLI4940 | 4940  | K-12<br>Education<br>Practicum | SLI | Sign<br>Language<br>Interpreting | 3 | Supervised practicum experience in a K-12 educational setting. 150 hours minimum on-site<br>placement hours.  | UG | PR | Practicum   |
| Spring 2022 | TH4570  | 4570  | Singing Mus<br>Theatre VII     | TH  | Theatre                          | 2 | Private singing lessons for Musical theatre.  | UG | ST | Studio      |
| Spring 2022 | ME7120  | 7120  | Finite Elem                    | ME  | Mechanical                       | 3 | Concepts of dynamic analysis using the finite element method (FEM). Application of various  | GR | LE | Lecture     |