

MICHIGAN STATE NORMAL COLLEGE BULLETIN

Vol. XXXVII

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Number 1

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USUAL SIX-WEEK SUMMER SESSION
JUNE 23 - AUGUST 1

NINE-WEEK SUMMER SESSION
JUNE 23 - AUGUST 22
1947



MICHIGAN STATE NORMAL COLLEGE
YPSILANTI, MICHIGAN



SUMMER SCHOOL CALENDAR

June	23	Monday, registration
June	24	Tuesday, recitations begin
July	1	Tuesday, All-College Acquaintance Tea
July	17	Thursday, Rural Education Conference
July	28	Monday, Faculty Reception to Summer School Graduates
August	1	Friday, Final Examinations, Six-Week Session
August	1	Friday, Six-Week Session Closes
August	22	Friday, Final examinations, Nine-Week Session
August	22	Friday, Nine-Week Session closes

A bulletin giving complete information regarding concerts, excursions, and other College activities will be available to students at time of classification.

SPECIAL PROGRAM

of the

AMERICAN FOUNDATION FOR THE BLIND

Special courses in work with the blind will be offered in cooperation with the University of Michigan, the Michigan State Normal College, and the American Foundation for the Blind.

Subjects will include: Causes of blindness, history and philosophy of work with the blind, educational psychology with special reference to adult blind, social case work skills and devices for the blind, arts and crafts, and a workshop in advanced braille.

Detailed announcement on request from Miss Evelyn C. McKay, American Foundation for the Blind, 15 West 16th Street, New York 11, New York.

Notice

If you do not find your needs served by the offerings listed in this Bulletin, kindly write us early stating exactly what courses you do need. It is the aim of Michigan State Normal College to meet all demands possible in the Summer Sessions.

Michigan State Normal College

YPSILANTI

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Elizabeth Warren, Ph.D., History

Assistant Professors

C. Roland Anderson, A.M., History
F. B. Cleveringa, A.M., School Library Service
Anthony Engelsman, A.M., Political Science
Mary F. Gates, Ph.D., Education
Edmond W. Goings, A.M., Mathematics
Maud Hagle, A.M., English
Augusta M. Harris, M.S., Physical Education
Ralph A. Haug, Ph.D., English
Kathleen B. Hester, Ph.D., Education
Dorothy James, M.M., Music
Raymond A. LaBounty, A.M., Industrial Arts
Floyd Leib, A.M., Physics
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Ralph G. Peterson, A.M., Mathematics
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Edgar W. Waugh, A.M., Political Science

Instructors

Catherine L. Batschelet, M.S., Physical Education
Mary Case Dell, B.S., Industrial Arts
Edith E. Erikson, A.M., Commerce
Ralph F. Gildenstein, B.S., Industrial Arts
Myra E. Grattan, B.S., Music
Allen L. Miserez, A.M., English
Phyllis S. Nethercot, A.M., English
Candace Roell, A.M., Physical Education
Clark G. Spike, B.S., Chemistry

Rackham School

Mabel L. Bentley, A.M., Assistant Professor, Special Health
Mary F. Gates, Ph.D., Assistant Professor, Education
Harriet C. Green, A.M., Assistant Professor, Special Education
Clifford Mohan, A.M., Assistant Professor, Special Education
Gertrude Roser, A.M., Assistant Professor, Special Education
Ora M. Swartwood, A.M., Special Education
M. Maude Wallace, A.B., Instructor, Orthopedic
Sara E. Wright, Assistant Professor, Physiotherapist

Faculty of Roosevelt Laboratory School

Leonard W. Menzi, A.M., Principal
Virginia Wielandy, A.M., Kindergarten
Mary R. Martin, A.M., First Grade
Rita Emlaw, A.M., Second Grade
Nadine Fillmore, A.M., Third Grade
Hazel Davis, A.M., Fourth Grade
Clara M. Freeman, A.M., Fifth Grade
Vera Haven, A.M., Sixth Grade
Catherine L. Batschelet, M.S., Physical Education

Visiting Instructors

Carl M. Badgley, M.D., Head of Bone and Joint Surgery,
University of Michigan Hospital, Ann Arbor
Berthold Lowenfeld, Ph.D., Director Educational Research,
American Foundation for the Blind, New York
Gladys S. Pugh, Ph.D., Primary Supervisor, Central Institute
for the Deaf, St. Louis, Missouri
Lois M. Wellock, B.S., Physical Therapist, Muskegon, Michigan

General Information

The summer session provides opportunity for teachers in all types of public school work. Teachers in the early elementary and later elementary grades, junior high school teachers and teachers of rural schools will find courses especially adapted to their needs.

PROGRAMS

The usual Six-Week Summer Session, June 23-August 1 offers

1. Courses on all curricula leading to degrees and certificates
2. Special offerings for teachers of the several types of handicapped children, in the Horace H. Rackham School of Special Education
3. Graduate Courses conducted under the auspices of the University of Michigan

A Nine-Week Session, June 23-August 22 offers

1. An opportunity to earn a maximum of 10 semester hours of credit and makes possible:
 - (a) To earn a Bachelor's Degree with Provisional Certificate in Three years and Three Summers
 - (b) To obtain consideration for a permit to teach in Rural Schools on completion of fifty semester hours (two summers and one year) and thus help meet the shortage of teachers.

A State Limited Certificate may be obtained on completion of 10 additional hours.

SPECIAL FEATURES

Particular attention is called to the following features which pertain to the Summer as a whole:

1. (a) Beginning courses in both Chemistry and Physics for those who have not had these subjects in high school, and a course in Qualitative Analysis; (b) courses in Plane Trigonometry, College Algebra, Analytical Geometry, and Calculus; (c) courses in Home Economics.
2. Geography of Asia, Europe, Latin America, United States and Canada.
3. *Graduate Study.* Courses giving graduate credit are again available in the summer session. These courses are given under the auspices of the University of Michigan and are open to students possessing a bachelor's degree from a school of recognized standing. A total of six semester hours of credit may be earned in summer school courses. The fee is payable to the Registrar of the College. Students wishing to enroll for graduate work in the summer session should make early application and, unless already done, should file official transcripts of their scholastic records with the College by June 1.
4. *Special Education Program.* The Horace H. Rackham School of Special Education is made the center for an intensified program of special education activities. Courses are offered to meet the needs of teachers of all types of handicapped children. These include courses dealing with the teaching of the deaf and hard of hear-

ing, with the technique of hearing aids, the development of voice, language and speech-reading ability; also courses in the teaching of the blind and near blind, in physical reconstruction, and the care and development of the exceptional child.

5. *Courses relating to Child Welfare, Youth Guidance and the work of the Visiting Teacher:* Home Nursing and Child Care; Child Psychology.
6. *Courses in the Teaching of Reading.*
7. *Elementary Science.* To meet a demand for instruction in both the organization and teaching of this subject, several courses are provided.
8. *Field Courses in Natural Science.* Through cooperation with the State Department of Conservation, extension field courses giving credit in Biology and Zoology are offered. These courses are given at the Department of Conservation Training School, Higgins Lake, Roscommon county. See *Undergraduate Courses, Natural Sciences*, for description of courses. Further information may be obtained from the Department of Natural Sciences or from the Department of Extension Education, Michigan State Normal College.
9. *A course in Music Appreciation* for those who are not specializing in music.
10. *Intra-hemisphere Understanding:* Geography of the United States and Canada; Geography of Latin America.
11. *Rural Education Conference.* The annual conference on rural education sponsored by the College is held this year during the summer session. The conference brings to the campus specialists in rural life problems.

CONDITIONS OF ENTRANCE

Summer school students are held to the same requirements for entrance that apply to other sessions of the year.

Students who expect to enter should see that their high school credits are sent to the college before the summer session opens. The college has sent blanks to each high school in the state for this purpose. If the high school is out of the blanks, they may be obtained by writing the Registrar of the College. The blank should be filled out and signed by the principal or superintendent of the high school.

ENROLLMENT PROCEDURE

Enrollment for the Summer Session will take place in the gymnasiums on Monday, June 23, beginning at 8:00 a. m. Students will be admitted by ticket. The ticket of admission may be obtained by mail or in person as follows:

1. *By Mail*—The ticket will be mailed to each person who has been previously enrolled in the college or who has had his credentials submitted and approved, provided (a) he shall have made a written request before June 9 (not thereafter) and (b) shall have supplied with his request a *self-addressed stamped envelope*.

2. *In Person*—In Room 7, Pierce Hall, Monday morning, June 23 beginning at 7:45 o'clock, tickets will be issued to all not already supplied by mail, including students formerly enrolled and others whose credentials entitle them to admission.

Graduation

A candidate for graduation at the close of the summer session must make application for graduation not later than July 1, 1947. No student will be graduated on any curriculum whose scholarship index based on the work of that curriculum is less than 1.00.

Standard Student Load

During the six-week summer session the standard student load shall be five hours; not more than six nor less than four may be taken without special permission. During the nine-week session the maximum load shall be ten hours. In computing the standard load required courses in physical training and handwriting are not included.

Irregular Program

No student may enroll for more than the standard load, or for less, without the approval of the Committee on Irregular Program. No credit will be given for work in excess of the amount so approved. Petition for an irregular program *must be made in writing and in advance*. Blanks for this purpose may be obtained in the office of the Dean of Administration.

Students Employed Part Time

A student planning to carry work, for remuneration or otherwise, in addition to the school program, must have such arrangement approved by the Committee on Irregular Program before classifying.

Policy Governing Irregular Program

1. No student adjudged physically unfit will be permitted to carry an increased load.
2. No student who has earned less than fifteen semester hours of credit in residence at this institution is eligible to carry more than the standard load.
3. No freshman is permitted to carry more than the standard load.
4. No student whose cumulative scholarship index is less than 1.50 will be eligible to carry more than the standard load. The index for the semester immediately preceding must be at least 2.00.
5. A student who in addition to his school program is employed part time will be required to carry a reduced load in case it is clear that the student's health or the quality of his work demands it.

Dropping Subjects

A student should not classify for full work and expect to drop subjects later to avoid failure. A student, after his program has been approved, is not permitted to drop a subject or to take up an additional subject without the approval of the Chairman of the Committee on Classification.

TUITION AND OTHER FEES

UNDERGRADUATE:

Students will pay according to load carried in credit hours:

	Michigan Residents	Non-Residents
One, two or three semester hours	\$14.50	\$18.50
Four, five or six semester hours	20.50	28.50
Seven, eight or nine semester hours.....	26.50	38.50
Ten (maximum load) semester hours	28.50	42.50

GRADUATE:

For full program of work:

Michigan Residents	\$35.00
Non-Residents	\$75.00

For two-hour program of work:

Michigan Residents	\$20.00
Non-Residents	\$40.00

LATE ENROLLMENT: \$2.00. A late registration fee is charged those students who, for any cause, do not complete registration within the hours and on the day officially set apart for registration. Registration is not complete until the fees are paid.

REFUND OF FEES:

1. No refund will be granted unless applied for within one month after withdrawal.
2. A student who withdraws not more than one week after registration will be entitled to a refund of the entire fee.
3. A student who withdraws more than one week and less than two weeks after the beginning of the session, shall be entitled to a refund of one-half of the fee.
4. A student who withdraws more than two weeks and not later than three weeks after the beginning of the session will be entitled to a refund of 40 percent of the fee.

GRADUATION FEES:

Degree	\$3.00
Provisional Certificate	\$3.00
State Limited Certificate	\$2.00

Residence Halls for Students

All students enrolled at Michigan State Normal College will live in the College Residence Halls unless they are domiciled in their own homes. Each student will provide his own bed linen, blankets, bed cover and towels.

All women students will live in the Julia Anne King and Bertha Goodison Residence Halls. The charge, payable on classification day, includes board and room. Due to the unsettled condition of prices of food and labor, the College reserves the right to revise the rates if it becomes a financial necessity.

	Six Weeks	Nine Weeks
Suite, study and bedroom	\$58.50	\$ 87.75
Single, study-bedroom (limited number)	67.50	101.25

All men students will live in the John M. Munson or Charles McKenny Residence Halls. The charge, payable on classification day, includes room only.

	Six Weeks	Nine Weeks
Suite, study and bedroom	\$15.00	\$22.50
Single, study-bedroom (limited number)	24.00	36.00

In all cases there is a key deposit of \$1.00, paid on classification day and refunded upon return of the key. Also, a \$5.00 deposit must accompany application for room. This deposit is refunded at the end of the Summer Session less any damage to the room or furniture. If a student finds it necessary to cancel his application, this deposit is refunded if notice is received before June 1.

Women will make application through the Office of the Dean of Women; men through the Office of the Dean of Men.

Employment for Men and Women

Employment for students is handled through the office of the Dean of Men and of the Dean of Women.

Social Life

Short after-dinner dances are held once a week in Charles McKenny Hall. Other social events are listed elsewhere.

The social regulations which the students are expected to observe will be found in "Information for Residents of Julia Anne King and Bertha Goodison Residence Halls."

Health Service

The Health Service of the College is located at Perrin Street. The clinic is open for consultation and treatment from 9-12 and 2-5 daily.

APPLIED MUSIC

Private lessons may be had at the conservatory. All lessons are in thirty-minute periods and are given either once or twice a week.

Singing

Mr. Carl Lindegren\$18.00

Piano, Violin, Wind Instruments

Mr. Hershal Pyle	\$9.00
Miss Ruth Skinner	\$9.00
Mrs. Esther Whan	\$9.00
Mrs. Emily Mutter Adams	\$9.00
Mr. William D. Fitch	\$9.00

Enrollment and fees for private lessons should be arranged for in the Conservatory Office, Pease Auditorium.

The above rates are for one lesson per week, for six weeks.

All fees are paid in advance.

Graduate Courses

*Offered in Cooperation with the University of Michigan

Education

C107a-MS *Psychology of the Elementary School Subjects.* 2 sem hr

This is an advanced course in principles of teaching, dealing with current and improved practices in the teaching of reading, language, writing and spelling. It will involve a study of the basic principles of learning and teaching, survey of experimental studies, and their implications in the teaching of these subjects. Lectures, reports, problems, and class discussion.

10-12 MTTF Pierce 35 HESTER

B151-MS *Administration and Supervision of Elementary Schools.* 2 sem hr

Deals with the general managerial problems of the elementary school. It is open to students of maturity and experience who wish to fit themselves for principalships or supervisorships in grades one to eight.

1-3 MWF Pierce 34 KELDER

C175-MS *Psychology of Child Development.* 2 sem hr

The growth and development of the child from birth to maturity will be covered in this course. It will stress the factors credited with influencing mental growth, and the problems of integrating the physical growth and development with mental and social development. Growth curves will be studied with a direct attempt being made to indicate limitations in interpreting the same.

9-10 MTWTF Lib 209 MARSHALL

Special Education

C120-MS *Mental Hygiene of Adolescence.* 2 sem hr

A basic course in the mental hygiene of late childhood and adolescence with emphasis upon children who present behavior problems. A cognate course.

1-2 MTWTF Rackham 105 INSTRUCTOR

C230-MS *Education and Social Control of Mentally Retarded Children.* 2 sem hr

This course deals with the problems of providing education and social supervision for mentally handicapped children. Stress is placed upon an analysis of the needs of the child, the problems he presents to the school and society, and the principles of an adequate program of education and care.

2-3 MTWTF Rackham 105 INSTRUCTOR

C237-MS *Orthopedics for Teachers of Crippled Children.* 2 sem hr

This course is intended to give teachers and other workers in the field a comprehensive view of the medical and surgical aspects of orthopedic conditions common among children. It will include lectures by specialists on anatomy, physiology, bacteriology, orthopedic and neurological lesions, malnutrition, cardiology, preventive and reconstructive measures. Material in physical therapy for appreciation but not for professional use will be presented. Clinical observation and field trips to institutions where this type of work is carried on will give the student an insight into its practical application.

4-5 MTWTF Rackham 217 BADGLEY AND STAFF

*For further information concerning Graduate Courses, see page 5.

C240a-MS, C240b-MS *Seminar in Special Education.* 2 sem hr ea

A course designed for the intensive study of a particular phase of special education or development, on the basis of a psychological analysis of some form of atyp, of a piece of research pertaining to the student's particular interest. Master's theses may be started in this course. A student not planning to begin a thesis will be expected to carry to completion a shorter problem of research.

3-4 MTWTF Rackham 101 GATES

C260-MS *Measurement and Diagnosis in Special Education.* 2 sem hr

This course is designed for teachers and supervisors in the field of special education. Emphasis throughout the course will be on the nature and use of tests and instruments of diagnosis employed with children presenting abnormalities in mental capacity, hearing, vision, speech and emotional and social adjustment. The course will involve lectures, reading, reports, practice in the administration of various instruments of measurement and diagnosis and visitation of classes and clinics in the immediate vicinity devoted to the study of various types of disability among children. Prerequisites: C1 Special Education.

9-10 MTWTF Rackham 105 GATES

C330a-MS, C330b-MS, C330c-MS *Specialized Techniques and Practice in Their Application to the Teaching of Exceptional Children.* 2 sem hr ea

This course is designed to give prospective teachers and supervisors in the field of special education instruction and practice in the teaching of children with various types of handicaps. A program of study will be arranged for each student according to his needs for effectively teaching a specific type of handicapped child. Prerequisites: Teacher's Certificate, C1 and C130 Special Education or equivalent.

Hours to be arranged Office GATES

Geography

126-MS *Local Regional Geography.* 2 sem hr

A detailed geographic survey of a community, together with its trade area. Training in the use of the local environment for the teaching of geography in the elementary schools; the use of source materials in local libraries, schools, businesses, and industrial plants; recognition of the features of the natural environment, with special stress on physiography and soils. *This course is also open to approved seniors.*

Hours to be arranged Pierce 21 GLASGOW

History

195-MS *Problems and Trends in American History.* 2 sem hr

A consideration of the historical background and cultural, industrial, agrarian, and governmental aspects of the American scene. This course should contribute to an understanding of a number of the more pressing problems of American society. Open also to seniors with permission of the instructor.

9-10 MTWTF Pierce 47 WARREN

English

D155-MS *The Teaching of Literature in the Elementary School.* 2 sem hr

This course is a study of the development of child literature of the English language during the nineteenth and twentieth centuries with special reference to the work of the outstanding editors and educators involved in that development.

Readings, reports upon specific authors, and individual problems will be assigned in the prose work under observation.

11-12 MTWTF Welch 110 BARNES

405-MS *Victorian Poetry*. 2 sem hr

A study of Tennyson, Browning, the Pre-Raphaelites, and the minor poets of the Victorian period. Prerequisites: four courses in literature.

8-10 MTWF Welch 105 SANDERS

Natural Science

D158-MS *Materials for Science in the Elementary Grades*. 2 sem hr

This course is designed to provide for individual analysis in elementary-science materials in two or three content areas (birds, insects, light, sound, etc.) according to the individual needs and interests of the student. Such analysis includes a thorough study of basic subject matter; a critical study of grade placement of materials as shown in current texts and courses of study; the organization of two or three comprehensive teaching units designed to be functional in each student's current teaching situation. Attention will be given students who have special science problems, such as special education teachers and elementary-science supervisors. Prerequisite: Elementary Science 100, 201 or 202, and D-157, or the equivalents.

1-2 MTWTF Hover 101 CURTIS

Under-Graduate Courses

In this bulletin courses on the nine weeks program are scheduled in bold face type. Unless otherwise indicated, courses run six weeks.

ENGLISH AND SPEECH

107 *Introduction to Poetry.* 3 sem hr

A study of the form and content of various types of poetry. The primary purpose of the course is to help the student learn to read poetry correctly and appreciatively, and to establish critical standards for determining the quality of a poem. American poetry is used as a basis for the course.

10-12 MTWF Welch 106 HAGLE

3-5 MTTF Welch 105 JORDAN

Nine weeks 8-10 MWF Welch 109 Eckert

108 *Introduction to Prose.* 3 sem hr

A study of the form and content of various types of prose—the short story, the essay, biography, addresses, letters—with a view to helping the student establish critical standards for judging good prose. American prose is used as a basis for the course. Prerequisite: 107 Introduction to Poetry.

8-10 MTTF Welch 208 VIRTUE

1-3 MTWF Welch 106 HAGLE

Nine weeks 1-3 MWF Welch 212 Miserez

122 *Rhetoric.* 3 sem hr

A study of the forms of discourse with emphasis upon the organization of long papers; the use of the library, note-taking, compilation from sources; the analysis of models with a view to effective use of materials, diction, and style; weekly papers; conferences. Prerequisite: 121 Rhetoric.

10-12 MTTF Welch 212 NETHERCOT

3-5 MTTF Welch 212 HAUG

Nine weeks 8-10 MWF Welch 212 Miserez

Nine weeks 3-5 MWF Welch 108 Magoon

207 *Literature for the Elementary Grades.* 3 sem hr

A study of prose, poetry, and illustrated books for the child in the elementary grades; extensive experience under guidance in using library collections; practice in compiling units of reading matter for children; a survey of sources of books for use in schools.

8-10 MTTF Welch 110 BARNES

210 *Shakespeare.* 3 sem hr

An intensive study of five of the principal tragedies, with supplementary study of a Shakespeare handbook. Prerequisite: two courses in literature.

10-12 MTTF Welch 208 HAUG

1-3 MTTF Welch 208 NETHERCOT

Nine weeks 1-3 MWF Welch 109 Eckert

317 *English Literature, 1600-1660.* 3 sem hr

A study of English literature from the beginning of the Century to the Restoration: Donne; Jonson; Bacon; Minor Cavalier and Puritan poets; Burton, Browne, Taylor, and other prose writers; the major dramatists; Milton. Prerequisites: three courses in literature.

Nine weeks 10-12 MWF Welch 108 Magoon

401 *Modern Poetry.* 2 sem hr

A study of the chief poets of England and America since 1900. Prerequisites: three courses in literature.

1-3 MWF Welch 105 SANDERS

404 *English Literature, 1798-1832.* 3 sem hr

The chief writers of the English romantic movement: Wordsworth, Coleridge, Lamb, De Quincey, Hazlitt, Byron, Shelley, Keats. Prerequisites: four courses in literature.

10-12 MTTF Welch 105 JORDAN

405 *Victorian Poetry.* 3 sem hr

A study of Tennyson, Browning, the Pre-Raphaelites, and the minor poets of the Victorian period. Prerequisite: four courses in literature.

8-10 MTWF Welch 105 SANDERS

407 *Victorian Prose.* 3 sem hr

A study of the chief prose writers of the Victorian period: Macauley, Carlyle, Newman, Ruskin, Arnold, Pater, Huxley, Stevenson. Prerequisites: four courses in literature.

3-5 MTTF Welch 207 VIRTUE

Speech

102 *Interpretative Reading.* 3 sem hr

This course is designed to enable the student to develop poise and ease before an audience and a clear, agreeable and forceful voice. It deals with fundamental problems in the oral interpretation of literature and numerous illustrative selections in the study of these problems. Definite platform work in interpretation is begun and selections are prepared for presentation before the class.

10-12 MTTF Welch 204 STOWE

121 *Public Speaking.* 2 sem hr

A course dealing with the fundamental problems of public speech including the organization and expression of one's own thought and the interpretation of the thought of others from the printed page.

8-10 MWF Welch 204 KELLY

10-12 MWF Welch 207 KELLY

1-3 MWF Welch 204 KELLY

3-5 MWF Welch 204 STOWE

NATURAL SCIENCES

Botany

211 *General Bacteriology.* 3 sem hr

This course is a study of the conditions of existence of bacteria, preparation of cultures, sterilization and disinfection, micro-organisms in relation to disease, common diagnostic methods, and the prevention of disease including the use of antiserums and vaccines. The course is designed for physical education and special education students, but is open to all students except those who have had 212 Microbiology. Desirable prerequisites: high school biology and general chemistry.

8-10 MTTF H201 BEST

Conservation

These courses are given in cooperation with the State Department of Conservation. For further information, confer either with Head of Natural Science or Extension Department.

231 *Conservation in Michigan.* 1 sem hr

Held at Higgins Lake. Enrollment open to both men and women. Reservations should be made before June 15. Expense, including tuition, board and room, is \$25.00.

Summer Extension (June 15-21)

233 *Field Bird Study.* 1 sem hr

Held at Higgins Lake. Field trips, laboratory work, identification, nesting habits, songs of birds will be studied. Expense, including tuition, room and board, is \$25.00. Summer Extension (June 15-21)

234 *General Field Botany.* 1 sem hr

Held in cooperation with State Department of Conservation at Higgins Lake. General view of plant kingdom will be given and plant anatomy and identification will be stressed. Expense, including tuition, board and room, is \$25.00. Summer Extension (June 15-21)

235 *Field Entomology.* 1 sem hr

Held in cooperation with State Department of Conservation at Higgins Lake. Identification and control of insects of importance to conservation activities will be stressed. Expense, including tuition, board and room, is \$25.00. Summer Extension (June 15-21)

General Biology

121 *Principles of Biology.* 2 sem hr

This is an introductory course dealing with living organisms. It consists of a presentation of the biological principles common to both plants and animals as well as a general survey of the two kingdoms. Considerable emphasis is also placed upon the methods and techniques by which scientific knowledge is obtained. This course should not be elected by persons who have had high school biology.

3-5 MWF Sci 207 WALLACE

301 *Genetics.* 3 sem hr

Presents such facts and principles from the fields of variation, cytology, animal breeding and embryology as will enable the student to interpret ordinary hereditary phenomena in both plants and animals. Applications of these principles to the human race are constantly made. This course is not open to freshmen or sophomores. Prerequisite: 121 Principles of Biology or equivalent.

10-12 MTTF Sci 207 WALLACE

Elementary Science

100 *Fundamentals in Elementary Science.* 2 sem hr

An elementary academic course intended to furnish a background for those subjects commonly designated as "elementary Science and Nature Study." The topics treated will be drawn from the ordinary branches of science, and selected on the basis of their suitability to the elementary grades.

1-3 MWF H202 STUOT

201, 202 *Elementary Science for Grades.* 3 sem hr ea. (See Education.)

208 *Local Flora.* 2 sem hr

The aim of this course is to make a prospective grade teacher familiar with the more important common native plants of Michigan. Emphasis will be placed on the identification of trees, shrubs and herbaceous plants by use of simple keys. Topics such as conservation of the native flora, harmful and useful forms of plant life, and simple plant collections will also receive attention. There will be much field work.

1-3 MWF H201 BEST

209 *Insects.* 2 sem hr

The purpose of this course is to meet the needs of the elementary teachers for insect study units. Students will

be taught the methods used in collecting, preserving, and mounting specimens for school use. Consideration will be given to life history studies, insect ecology, and the relation of these animals to man. The various methods used to maintain living insect material in the laboratory will be demonstrated, as this part of insect study is especially valuable in arousing child interest. Prerequisite: 100 or 101 Elementary Science.

3-5 MWF H101 CURTIS

210 *Birds.* 2 sem hr

The purpose of this course is to meet the needs of elementary teachers for bird study units. The class activities include the identification of some of the more common Michigan birds in the laboratory and in the field and a study of songs, nests, migration, enemies, food habits, and value of birds. Attention is given to bird literature and to attracting birds to the school and home by means of feeding station, baths, nest boxes, and trees and shrubs. Prerequisite: 100 or 101 Elementary Science.

8-10 MWF H202 CURTIS

Human Physiology and Anatomy

101 *Principles of Physiology.* 2 sem hr

This course deals in an elementary way with principles of human physiology. It is designed especially for those who are unable to meet the requirements of the more advanced courses in physiology, but who are interested in securing a knowledge of bodily functions. There are illustrated lectures, required reading, and frequent quizzes. It is open to all students without prerequisites.

Nine weeks 1-3 TT H102 Ryneanson

221 *Anatomy and Physiology.* 5 sem hr

A textbook course, supplemented by lectures and demonstrations, on the structure and functions of the bones, joints and muscles and the organs of digestion, respiration and excretion.

Nine weeks 8-10 MTWTF H102 Ryneanson

ZOOLOGY

222 *General Zoology.* 4 sem hr

A general survey of the groups of invertebrate and vertebrate animals is made according to the evolutionary sequence. Emphasis is placed upon the classification and structures; however, time is devoted to such aspects as physiology, life-histories, habits, distribution, and economic relations. Prerequisite: 121 Principles of Biology or high school biology.

Nine weeks 10-12 MTWTF Sci 107 Hickman

223 *Animal Embryology.* 3 sem hr

This is a course that gives an introduction to the fundamental facts and principles of the reproduction and development of animals. The laboratory work deals largely with the organogeny of the chick with demonstrations and study of other forms. Some attention is given to embryological laboratory methods. Prerequisite: 222 General Zoology.

Nine weeks 1-3 MTTF Sci 107 Hickman

CHEMISTRY

All laboratory courses require a deposit for breakage and non-returnable apparatus, to be paid at the time the student pays tuition.

\$2.00 for courses numbered in the 100 series.

\$4.00 for courses numbered in the 200, 300, or 400 series.

20 *Elementary General Chemistry.* No College Credit

An elementary course in the study of the history, occurrence, preparation, properties and uses of the more important elements. Lectures with demonstrations, text assignments and laboratory work. Students entering college deficient in a high school science minor may be assigned to this course.

10-11 MWF and 10-12 TT Sci 302 **SELLERS**: Lab 8-10 MWF
Sci 306 **ASSISTANT**

121 *General Chemistry* 4 sem hr

A beginning course for all students, whether or not they have had chemistry in high school, wishing to pursue the study of college chemistry. This course may be followed in the fall semester by 132 Inorganic Chemistry to complete the sequence of the first year chemistry. The laboratory hours are to be arranged with the instructor.

Nine weeks 2-3 MTWTF Sci 302. **Spike**; lab 10-12
MTWTF Sci 306 **Spike**

122 *General Chemistry.* 4 sem hr

This course is a continuation of 121 General Chemistry. The study of the common non-metals is completed and some time is given to organic chemistry and the common metals.

Prerequisite: 121 General Chemistry.

Nine weeks 3-4 MTWTF Sci 302 **Kercheval**; Lab 1-3
MTWTF Sci 306 **Kercheval**

201 *Every-day Chemistry.* 2 sem hr

Designed especially for those students whose major interests lie elsewhere than in chemistry.

No previous chemistry is required and there is no laboratory work. A lecture-demonstration course accompanied by textbook and reference reading. It deals with practical things of daily life, chemistry in the industries, in the home and in the garden. Not to be taken for credit by students who have had high school or college chemistry.

8-10 MWF Sci 302 **SELLERS**

220 *Elementary Organic Chemistry.* 2 sem hr

Required for home economics majors and elective to non-specializing students who have had a year of college general chemistry. Applications of organic chemistry to sanitation, health, nutrition, and physiology are stressed. Prerequisite: 132 Inorganic Chemistry or equivalent.

1-3 MWF Sci 303 **SELLERS**

261 *Qualitative Analysis.* 4 sem hr

Five hours of lecture and recitation on theory of solution, ionization, equilibrium, and oxidation and reduction. Twelve hours of laboratory practice in separation and identification of metals and acid radicals and the solving of unknowns. Prerequisite: 132 Inorganic Chemistry or equivalent.

Nine weeks 1-2 MTWT Sci 302 **Kercheval**; Lab 2-5
MTWTF Sci 306 **Kercheval**

GEOGRAPHY

101 *Introductory Regional Geography.* 2 sem hr

(Formerly 121 Principles of Human Geography and 101 Principles of Geography)

An introduction to geography; the distribution of population, temperature, precipitation, vegetation, land forms, water bodies, soils, minerals, and industries in the world.

Nine weeks 8-10 TT **Pierce 21 Sill**

122 *Weather and Climate.* 2 sem hr

Observation of weather elements, use of meteorological instruments, and practice in forecasting the weather.

1-3 MWF **Welch 4 INSTRUCTOR**

205 *Geography of Europe.* 3 sem hr

A regional treatment. The natural setting, the distribution of the people, the important occupations, and the problems of future development in each of several regions. Pre-requisite: 101 Introductory Regional Geography.

Nine weeks 8-10 MWF Pierce 21 Sill

**211 *Geography of the United States and Canada.* 3 sem hr
(Formerly 201 Geography of the United States)**

A regional treatment. The natural setting, the distribution of the people, the important occupations, and the problems of future development in each of the several regions. Pre-requisite: 101 Introductory Regional Geography.

10-12 MWTF Pierce 21 GLASGOW

303 *Field Geography.* 2 sem hr

Techniques in the observation of geographic features in the field. The construction of maps from field sketches and notes and the preparation of field reports. City, village, rural, and recreational areas are mapped. Prerequisite: 101 Introductory Regional Geography.

1-4 MWF Welch 5 GLASGOW

321 *Geography of Latin America.* 3 sem hr

(Formerly 204 Geography of Latin America and 319 Geography of Caribbean Lands)

A regional treatment. The natural setting, the distribution of the people, the important occupations, and the problems of future development in each of several regions. Pre-requisite: 101 Introductory Regional Geography.

Nine weeks 1-3 MWF Pierce 21 Sill

322 *Geography of Africa and Australia.* 3 sem hr

(Formerly 318 Geography of Australia and 320 Geography of Africa)

A regional treatment. The natural setting, the distribution of the people, the important occupations, and the problems of future development in each of several regions. Pre-requisite: 101 Introductory Regional Geography.

8-10 MTTF Welch 5 INSTRUCTOR

PHYSICS AND ASTRONOMY

104 *Physics.* 4 sem hr

This course is designed to prepare the student without high school physics to take college physics (221 Mechanics, Sound and Heat, and 222 Electricity and Light). The course would attempt, in the nine weeks, to cover the essentials presented in a year of high school physics. By taking this course together with Trigonometry and Algebra 104 or 105 during the summer session, a student would be ready to begin college physics in the fall. This would enable him to gain a year in his training in physics.

**Nine weeks 8-10 MTTF Sci 202 Leib; Lab 10-12 TT
Sci 206 Assistant**

201 *The Solar System.* 2 sem hr

(Formerly part of 201 General Astronomy)

A non-mathematical course addressed to the large popular interest in the subject. The course contains a great deal of material of use not only to teachers of science, but to the teacher of the grades. Evening work upon planet and moon observation with the telescope and tracing out some of the principal constellations is a feature of the course. Use is made of the ten-inch Mellish refracting telescope and the eight-inch reflector which has been constructed in the department.

1-3 MWF Sci 102 LEIB

211 *Elementary Physical Science.* 3 sem hr

In this course the student will have opportunity to gain first-hand information on topics such as gases, liquids, magnetism, electricity, heat, gravitation, light, sound, molecular forces, and others. Individual student activity in the working out of simple experimental projects, followed by class discussions, will constitute a major part of the course. This work will be particularly valuable to prospective teachers of elementary science.

8-10 MTTF Sci 102 ELLIOTT

222 *Light and Electricity.* 4 sem hr

This course follows 221. It is a lecture and demonstrative course leading to the many practical applications of physics to optical and electrical devices of the present day. Four recitations and one two-hour laboratory period per week are required. Prerequisite: 221 Mechanics, Sound and Heat.

Nine weeks 10-12 MTTF Sci 202 Elliott; Lab 1-5 TT Sci 106 Assistant

MATHEMATICS

100 *Solid Geometry.* 3 sem hr

This course includes a study of lines, planes and angles in space, and the solids; polyhedrons, cylinders, cones and spheres. Prerequisites: plane geometry and one and one-half years of high school algebra.

Nine weeks 3-5 MWF Pierce 3 Erickson

103 *Trigonometry.* 2 sem hr

This is an elementary course in plane trigonometry. Prerequisites: one and one-half years of high school algebra and one year of plane geometry. No credit is given to a student who has had one semester of high school trigonometry.

Nine week 10-12 TT Pierce 3 Erickson

Nine weeks 1-3 TT Pierce 3 Instructor

104 *Higher Algebra I.* 3 sem hr

This is a review of elementary algebra, and a comprehensive study of the ideas of a function, the graph and quadratic equations. Prerequisites: one year of high school algebra and one year of plane geometry. No credit is given to a student who has had one and one-half years of high school algebra.

1-3 MTTF Pierce 7 PETERSON

105 *Higher Algebra II.* 3 sem hr

An advanced college course, including additional work on the theory of the equation. Prerequisite: 104 Higher Algebra or one and one-half years of high school algebra, and one year of plane geometry.

Nine weeks 3-5 MWF Pierce 2 Goings

Nine weeks 10-12 MWF Pierce 7 Goings

202 *Analytic Geometry.* 4 sem hr

This is a beginning course in plane analytic geometry. Prerequisites: 103 Trigonometry, 105 Higher Algebra II.

Nine weeks 8-10 MTTF Pierce 2 Pate

215 *Solid Analytic Geometry.* 2 sem hr

This is an introductory course dealing with lines, planes, surfaces, general equations of the second degree and properties of quadrics. Prerequisite: 202 Analytic Geometry, or equivalent.

Nine weeks 1-3 TT Pierce 55 Goings

220 *Statistical Method in Education.* 2 sem hr

Gives the student practical skill in the use of statistics as now commonly employed in school work—instruction, supervision and administration.

A knowledge of high school algebra is desirable but not required.

10-12 MWF Pierce 3 PETERSON

221 *Differential Calculus.* 4 sem hr
Time is devoted to the development of laws of differentiation and their application to numerous problems. Prerequisite: 202 Analytic Geometry.
Nine week 8-10 MTTF Pierce 7 Instructor

222 *Integral Calculus.* 4 sem hr
Time is devoted to integration and its many varied applications. Prerequisite: 221 Differential Calculus.
Nine weeks 1-3 MTWF Pierce 2 Pate

302 *Differential Equations.* 3 sem hr
This course includes solutions of different types of ordinary differential equations and their applications. It is of particular value to students expecting to carry on graduate work in either mathematics or the physical sciences. Prerequisite: 222 Integral Calculus.
Nine weeks 8-10 MWF Pierce 3 Erikson

351A, B *The Teaching of Arithmetic.* 2 sem hr ea
(See Education)

HISTORY AND SOCIAL SCIENCES

American History

121 *American History to 1865.* 3 sem hr
A study of United States history from the period of exploration through the Civil War.
3-5 MTTF Pierce 40 ANDERSON
Nine weeks 8-10 MWF Pierce 49 Instructor

122 *American History, 1865 to Present.* 3 sem hr
A study of United States History from the Civil War to the present time.
Nine weeks 1-3 MWF Pierce 49 Instructor

263 *History of the West.* 3 sem hr
A study of westward movement 1600-1890, provisions of Northwest Ordinance; lure of cheap land; banking and speculation; internal improvements; immigration; Santa Fé and Oregon Trails; Mormon trek; California and Forty-Niners; railroads; displacing of Indians; the cattle kingdom; wheat farming; incidentally exploits and contributions of Boone, Clark, Burr, Benton, Houston, Frémont, Douglas, McCormick, Custer. Prerequisite: Eight semester hours of American history.
3-5 MTTF Pierce 49 WARREN

Ancient and Medieval History

120 *Medieval Europe.* 3 sem hr
The decline of Roman society and government, the rise of Christianity, conditions in the third century and barbarian kingdoms founded on the Empire's ruins; Charlemagne and the papacy, the feudal system, the Crusades, and the Renaissance; commerce, national kingdoms, culture and discoveries which closed the Middle Ages in the time of Columbus and DeGama.
Nine weeks 3-5 MWF Pierce 48 Devries

Modern History

231 *Modern Europe, 1500-1815.* 4 sem hr
Emphasis is on the commercial revolution, political growth of the European nations, the Renaissance and the Reformation and exhaustive religious wars; the balance of power; treaties of peace, Gustavus Adolphus, Cromwell, and Louis XIV's absolutism, the decline of Spain, English and Dutch colonization, the rise of Russia and Prussia, revolutionary ideas, the great French revolution, the era of Napoleonic Europe and the Congress of Vienna.
Nine weeks 10-12 MTTF Pierce 48 Devries

232 *Modern Europe, 1815 to 1919.* 4 sem hr

Beginning with the Congress of Vienna the course deals with the revolutions of 1830 and 1848, political developments in Western Europe, the unification of Italy and Germany and the international rivalries. The causes of the world war of 1914 are discussed, colonies, commerce, and alliances, and the great events of the war, followed by a study of American neutrality and participation, the society established by the post-war treaties of 1919, Russia, Italy, and the decline of the League of Nations.

1-3 MTWTF Pierce 48 INSTRUCTOR

348 *Europe Since 1919.* 2 sem hr

Emphasis is placed on tracing the consequences of the World War.

8-10 MWF Pierce 48 INSTRUCTOR

Sociology

200 *Principles of Sociology.* 3 sem hr

This course deals with the fundamental facts of human relationship, and is prerequisite to advance courses in sociology. Textbook, lectures, oral and written recitations, discussions, reports.

8-10 MTTF Pierce 54 THOMSON

203 *Problems of Child Welfare.* 2 sem hr

Reviews the various aspects of the child welfare movement dealing with the conservation of life, health and physique, training and education, child labor, juvenile delinquency, and problems of dependent children; discusses the organized efforts against sickness and death during the first year of life, against inadequate play facilities, against too early entry into industry, against violence, neglect and exposure, and against other conditions making for the child's insecurity and delinquency. Textbook, lectures, discussion, reports.

1-3 MWF Pierce 40 THOMSON

Political Science

110 *National Government in the United States.* 2 sem hr

The course satisfies the political science requirement on all curricula. Prerequisites: high school courses in American history and government.

3-5 MWF Pierce 54 WAUGH

Nine weeks 8-10 TuTh Pierce 40 Engelsman

Nine weeks 10-12 TuTh Pierce 54 Engelsman

211 *Comparative Government.* 3 sem hr

English and French governments are given the major emphasis in this course. Additional study is devoted to Italian, German, and Swiss governments. Important points of similarity and difference among the various governments are stressed. Particular emphasis is given to a comparison of our own government with those of Europe. Prerequisite: 110 National Government in the United States.

Nine weeks 1-3 MWF Pierce 54 Engelsman

217 *Political Theories.* 3 sem hr

A study is made of the views of some of the great writers on Political Philosophy from ancient times up to about the middle of the nineteenth century; the ideas of these philosophers regarding the origin, nature and functions of the state. The philosophers whose views receive the major emphasis are the following: Plato, Aristotle, Polybius, St. Thomas Aquinas, Dante, Marsiglio, Machiavelli, Calvin, Bodin, Hooker, Grotius, Milton, Hobbes, Harrington, Locke, Montesquieu, Rousseau, Paine and Bentham. Prerequisite: 110 National Government in the United States.

10-12 MTTF Pierce 49 WAUGH

Economics

220 *Elements of Economics.* 3 sem hr

This course constitutes the first half of a study of general economics. Descriptive and analytical work is combined, with emphasis on basic concepts and principles. Among the topics studied are: production, income and wealth; the nature and functions of money; economic inter-dependence; forms of business organizations; accounting concepts; the determination of prices and the significance of prices.

8-10 MWTF Pierce 36 FAGERSTROM

224 *Labor Problems.* 2 sem hr

Some current problems of workers and employers are studied in this course. Special subjects of study are: industrial insecurity; industrial incentives and labor turnover; supply and demand factors in the labor market; collective bargaining; types and policies of labor organizations and employer organizations; recent legislation relating to labor, including programs of Social Security. Prerequisites: 220 and 221 Elements of Economics.

1-3 MWF Pierce 47 FAGERSTROM

EDUCATION

Educational Psychology

302 *Educational Psychology.* 3 sem hr

Applies the general psychological principles to learning and to the development of personality. Prerequisite: 301 Psychology.

3-5 MTTF Pierce 2 HOOD

Principles of Education

303 *Principles of Teaching.* 3 sem hr

This course is to be taken in the semester immediately preceding teaching. It is to prepare the student specifically for practice teaching in the training school and deals with the application of the principles of psychology and teaching to the actual work of the school. The basic factors in diagnosing, planning, teaching and in maintaining favorable working conditions in teaching will be considered. Prerequisite: 302 Educational Psychology or 321 Child Psychology.

Nine weeks 10-12 MWF Pierce 3 Sims

315 *Early Elementary Curriculum.* 2 sem hr

This course is an intensive study of the curriculum and methods of procedure of the kindergarten-primary grades. It includes: a review of the characteristics and interests of small children; a detailed study of the aims, content and procedures of the self-directed period, home and community life; language, writing, handwork, plays and games; a survey of large units of work for each grade. Prerequisites: 301 Psychology and 321 Child Psychology.

Nine weeks 1-3 TT Pierce 35 Sims

415 *Directed Observation.* 2 sem hr

Intended primarily for teachers of experience who feel the need of a knowledge of recent developments in teaching in the elementary school. Supplemented by observation of classes as taught in the laboratory school. Not a substitute for practice teaching, but may be counted as a free elective in education. Prerequisites: 303 Principles of Teaching, and teaching experience.

8-10 MWF Pierce 34 O'CONNOR

Tests, Measurements and Research

340 *Educational Tests and Measurements.* 2 sem hr

Prepares students for the discriminating selection, precise administration, adequate interpretation and effective classroom use of standardized and informal educational tests and test results. Each student applies the principles of testing by preparing an informal test for classroom use. Prerequisite: 302 Educational Psychology or 321 Child Psychology.

Nine weeks 1-3 TT Pierce 40 Marshall

Administration and Supervision

316 *Public Education in Michigan.* 2 sem hr

A study of the development, organization, administration and support of the public school system in Michigan. This course, prescribed by the State Board of Education in all curricula leading to a teacher's certificate, acquaints the teacher with the institution in which he is to work.

3-5 MWF Pierce 36 KELDER

432 *Administration and Supervision of Elementary Schools.* 2 sem hr

This course gives thorough consideration to the principles and practices of the elementary school principalship. It deals with the organization and administration of the school in general and of the following related units: classification and promotion of pupils, the curricular and extra-curricular work, special groups and subjects, classroom teaching, pupil progress, teacher improvement, school plant and equipment, personnel problems and professional leadership. Prerequisites: 302 Educational Psychology and 303 Principles of Teaching.

1-3 MWF Pierce 34 KELDER

435 *Extra-Curricular Activities in High School.* 2 sem hr

Designed for those on the Senior High School Curriculum. Every phase of extra-curricular activity is studied.

3-5 MWF Pierce 3 MENZI

460 *The Elementary School Curriculum Work Shop.* 3 sem hr

This course permits the student to do intensive work in actual problems which confront him in his own school and to work out curricular units in subject fields. Class limited to thirty students. Prerequisites: 302 Educational Psychology, 303 Principles of Teaching, and teaching experience.

3-5 MTTF Pierce 35 O'CONNOR

Courses in the Teaching of Designated Subjects

201, 202 *Elementary Science for Grades.* 3 sem hr ea

Methods courses for those who expect to teach in the grades or who expect to supervise such teaching. The work consists of methods of organization and presentation of science problems, of directing such activities as would arise, and of collecting and caring for live material. 201 is adapted for primary grades, and 202 for intermediate grades. Prerequisite: 100 or 101 Elementary Science.

10-12 MTTF Hover 202 STUDDT

251 *Methods and Materials in Physical Education.* 3 sem hr

A study of the methods and the use of materials used in the teaching of indoor activities. Opportunity is given to do practice teaching and to receive constructive criticism. Observations and reports of the work carried on in the laboratory schools are required.

10-12 MTWT West Gym OLDS

281, 282 *The Teaching of History.* 3 sem hr ea

Deal with the problems of history and social studies teaching in the public schools; the purpose of such teaching, the materials best adapted to secure the desired results, and various methods of using such materials in the classroom. 10-12 MTTF Pierce 41 ANDERSON

351A, 351B *The Teaching of Arithmetic.* 2 sem hr ea

Reviews the fundamental principles of arithmetic and at the same time presents the most approved methods of teaching the subject. 351A is the required course of the Early Elementary Curriculum and 351B of the Later Elementary Curriculum.

1-3 MWF Pierce 55 INSTRUCTOR

310, 311, 312 *The Teaching of Reading.* 3 sem hr ea

These are parallel courses which cover problems and methods of teaching reading. 310 is adapted to elementary teachers, 311 to later elementary teachers, and 312 to rural school teachers. Work will be assigned according to the curriculum on which the student is specializing. Prerequisite: 302 Educational Psychology.

8-10 MTTF Pierce 35 HESTER

462 *Improving Reading Instruction in the Elementary School.* 3 sem hr

This course is designed to give practical assistance to teachers in the elementary schools, rural schools, and upper grades (a) in locating their reading problems and finding solutions to them, (b) in applying these solutions in their classrooms, and (c) in evaluating the results. This will involve analyzing the factors that affect reading; selecting and administering informal and standardized tests and interpreting the results, understanding the different types of reading instruction and appropriate materials; recognizing the different stages in reading and the skills, habits, and attitudes to be developed on each level; and showing the importance of reading in relation to the content fields. Prerequisites: teaching experience or an introductory course in the teaching of reading.

1-3 MTTF Pierce 35 HESTER

Psychology

301 *Psychology.* 3 sem hr

This course is an introductory course serving as a scientific basis for subsequent courses in education, as well as an introduction to the field of psychology. The course will center about the facts of original nature and their cultural modification—attitudes, habits, learning; and it will give much attention to providing an understanding of sensation, perception, memory, emotion and related subjects. It should be taken the term immediately preceding 302 Educational Psychology or 321 Child Psychology.

1-3 MTTF Pierce 36 HOOD

306 *Mental Hygiene.* 2 sem hr

This course aims to account for the normal behavior of man and his emotional reactions. It deals with those factors, the knowledge of which enables a person to understand himself and others. It should aid the teacher and parent in solving disciplinary problems and be of direct help in the adjustment of students to their college life.

1-3 MWF Rackham 201 BENTLEY

321 *Child Psychology.* 3 sem hr

This course is designed for students particularly interested in child study. It stresses the child as an individual, his original nature and temperament, as a part of a group and the interaction of biological and societal raw material; the

conditioning and reconditioning of behavior tendencies, behavior problems; the individuality and similarity of responses. Personality studies, case records, tests and measurements are investigated. Prerequisite: 301 Psychology. Nine weeks 8-10 MWF Pierce 40 Sims

350 *Mental Deficiency.* 2 sem hr

This course deals with the nature and causes of mental deficiency; physical and mental characteristics of mental defectives; different types and the possibility of development; psychology of backward and defective children in relation to their training and instruction and the social control of the mentally deficient. Opportunity will be given for observation and clinical study of sub-normal children.

10-12 MWF Rackham 201 BENTLEY

Rural Education

376 *The Technique of Supervision.* 2 sem hr

The purpose of this course is to train leaders in the supervisory phases of teacher-training as it is carried on by the critic teacher in a county normal or by a supervisor of teachers in service. The course will be devoted to such problems as lesson planning, demonstrating types of lessons, and the criticism of instruction. Actual demonstrations will be conducted by members of the class such as would be expected of a critic teacher or a supervisor. This course is required of students preparing for positions of rural leadership.

8-10 MWF Pierce 34 O'CONNOR

394 *Community Relations.* 2 sem hr

The purpose of this course is to acquaint prospective teachers with the techniques of school and community relationships both formal and informal. The mutual dependence of school and community, school and community achievement days, joint efforts for the improvement of both the organization and work of the Parent-Teacher Association, community councils and similar organizations and activities are considered.

10-12 MWF Pierce 55 KELDER

395 *Rural Principalship.* 2 sem hr

This course considers the administrative, instructional and community relationships of the principal or superintendent of the small town, village and consolidated school of from three to ten teachers. An attempt is made to give a job analysis of the many functions of this type position and to suggest organization of these duties of the busy principal or superintendent for efficiency.

1-3 MWF Pierce 34 KELDER

470 *The Rural School Curriculum Work Shop.* 3 sem hr

This course permits the student to do intensive work in actual problems which confront him in his own school and to work out curricular units in subject fields as desired. Class limited to thirty students. Prerequisites: 302 Educational Psychology, 303 Principles of Teaching, and Teaching experience.

3-5 MTTF Pierce 35 O'CONNOR

SPECIAL EDUCATION

241 *Speech Correction.* 2 sem hr

Offered to meet the demand for teachers who can intelligently diagnose and treat the less serious cases of defective speech in children. An investigation is made of the mechanism and use of the voice. This is followed by a study of the symptoms and causes of speech defects, such as, lisping, negligent speech, nasality and harshness of voice. Open to sophomores by permission only.

10-12 MWF Rackham 101 GREEN

306 *Mental Hygiene.* 2 sem hr (See Education)

350 *Mental Deficiency* 2 sem hr (See Education)

351 *Education of Exceptional Children.* 2 sem hr

A consideration of the administrative problems connected with the education of the non-typical child—the blind, the deaf, the crippled, speech defectives, incorrigibles, sub-normals, supernormals and children of low vitality. Of special value to principals and superintendents, as well as to teachers of Special Education.

3-5 MWF Rackham 201 BENTLEY

358 *Methods of Teaching Slow-Learning Children.* 2 sem hr

Aims to review the subject matter taught the exceptional child, together with the latest development along each line; to study pertinent school-room problems, individual children and their development in a socialized schoolroom; and through the use of formal and informal tests, to study ways and means of diagnosing and remedying special defects.

7:30-8:45 MTTF Rackham 205 ROSER

363 *Education of the Blind.* 2 sem hr

This course is designed to give the student a knowledge of the field of education for the blind. It includes a consideration of types and characteristics of the blind in the United States and European countries, a survey of the work for the blind, provisions for the teaching of children with seriously defective sight, as well as of the deaf-blind and the adult blind. Attention is also given to the various types of schools for the blind and to associations and organizations for their relief, occupation and placement.

1-3 MWF Rackham 216 LOWENFELD

369 *Methods of Teaching Crippled Children.* 2 sem hr

The purpose of this course is to familiarize the student with units of work designed to meet the education and psychological needs of the crippled child. Emphasis will be placed upon the presentation and adaptation of teaching materials, the ways and means of providing for individual differences. This includes a study of the individual in the light of his particular disability.

7:30-8:45 MTTF Rackham 212 WALLACE

372 *Teaching Speech to the Deaf.* 3 sem hr

An introduction to the educational needs of the deaf child with special reference to speech development. A thorough study is made of the formation and development of the elementary English sounds, sense training, fluency and rhythm of speech. Lip reading and speech vocabularies are stressed and materials of development thoroughly studied.

7:30-8:45 MTTF Rackham 216 INSTRUCTOR

373 *Therapeutic Care of Crippled Children.* 2 sem hr

A study of means of rehabilitation of crippled children, stressing the principles of physiotherapy and occupational therapy; special equipment and special services; camping, plays, games and leisure time activities and means of safeguarding the child both in and out of school. Field trips as indicated in 374 Special Education.

10-12 MWF Rackham 217 WRIGHT

374 *Physical Reconstruction of Crippled Children.* 2 sem hr

This course will include a discussion of state and national agencies dealing with crippled children, methods of finding and diagnosis, causes of crippling, methods of treatment and prevention and classification of types. Consideration will be given to cardiac cases since these children are often

found in orthopedic classes. Class discussions, special lectures, visits to clinics, camps and convalescent homes for crippled children.

1-3 MWF Rackham 217 WRIGHT

378s *Hearing Aids and Their Use.* 2 sem hr

Principles of the physics of sound and the mechanical requirements of high fidelity aids; history of hearing aids and their development. Intelligibility tests and educational and social usage of individual and group hearing aids. This course may not be elected by those who have had 378 Audiometric Testing and Use of Hearing Aids.

8-10 MWF Rackham 221 SWARTWOOD

385 *Essentials of Language Development and Reading for the Deaf.* 3 sem hr

A study of the natural acquisition of language and the principles used to develop the language of the deaf. The development of a reading program is studied, showing how it coordinates with language development. The needs of the various grade levels are discussed.

1-3 MTTF Rackham 216 PUGH

401B *Testing Auditory Acuity.* 2 sem hr

Techniques for administering group and individual audiometric tests. Organization and administering of hearing tests and surveys, including observation and practice. This course is designed to meet the needs of teachers, social workers, public health and school nurses and others working in the service of those who have impaired hearing. This course may not be elected by those who have had 378 Audiometric Testing and Use of Hearing Aids.

10-12 MWF Rackham 221 SWARTWOOD

472 *Advanced Problems in Speech for the Deaf.* 2 sem hr

This course includes a survey of the theories and methods of teaching speech to the deaf; a study of special problems in speech development and correction at various age-grade levels, stressing application of physiologic phonetics and including discussion of multiple defect or deficiency such as: slow-learning deaf, cerebral-palsied deaf, aphasic; observation of methods of diagnosis and treatment of various special problems. Analysis and evaluation of research studies will lead to formulation and completion of an original research problem.

1-3 MWF Rackham 108 GREEN

491 *Teaching School Subjects to the Deaf.* 2 sem hr

Emphasis is placed upon the principles and techniques for teaching the common school subjects to deaf children. Principles of curriculum building and organization of units of work are presented.

10-12 MWF Rackham 216 PUGH

493 *Speech Reading for Children.* 2 sem hr

An historical survey of theories and methods of teaching speech reading, including Nitchie, Bruhn, Jena and Muller-Walle. Emphasis is placed on the integration of lip-reading with language development and subject matter; the adaptation of teaching methods to children with varying degrees of deafness and linguistic development. Course includes analysis and evaluation of research studies; construction and administration of tests of speech reading proficiency at various age-grade levels; observation of speech reading classes for deaf and hard-of-hearing children; and preparation of materials for group or individual instruction.

1-3 MWF Rackham 221 SWARTWOOD

LABORATORY SCHOOLS

Student Teaching. (Elementary Grades.) 3 sem hr

No student may earn more than 3 semester hours credit in practice teaching during the summer session.

Assignments in this course will be made subject to the following regulations:

1. Only students who have had teaching experience will be enrolled.
2. No student may do student teaching and carry a total load of more than 6 semester hours.
3. No student will be permitted to satisfy the total requirements in student teaching during summer sessions only.
4. Only students whose academic records are of a high order will be permitted to teach during the summer session.
5. Application for student teaching must be made before May 15.
6. Students teaching during the summer session will reserve hours 9:00-12:00 for 3 semester hours credit, 10:00-12:00 for 2 semester hours credit in teaching, and for conferences with their supervisors.
7. All students assigned to teaching for the summer session will meet in Room 202, Roosevelt School, Tuesday, June 24, at 4:00 p. m. for the first conference with supervising teachers.

DIRECTED OBSERVATION

Those who desire work in observation are referred to 415 *Directed Observation* described elsewhere in this bulletin. No other opportunity for observation will be provided.

ART

101 *Elementary Art.* 3 sem hr

A course in drawing and painting open to all students with the purpose of developing an appreciation of form and color and offering to each individual opportunities in creative work. Crayons, water colors, chalk and clay are used.

10-12 MTTF Adm 205 SWETE

Nine weeks 8-10 MWF Adm 208 Instructor

103 *Commercial Design.* 2 sem hr

Lettering and design with emphasis on composition and color as applied to posters, cover designs, book plates, trademarks, and manuscript writing.

Nine weeks 3-5 TT Adm 208 Instructor

106, 106a *Still-life Painting.* 3 sem hr ea

Special attention is given to the arrangement of various objects for the purpose of stimulating the student's perception of form, value, and color. Charcoal, water color, and oils are used. For additional work in this course classify in 106a. Prerequisites: 101 or 101s Elementary Art and 111 Elementary Design.

1-3 MTTF Adm 206 SWETE

200 *Art Appreciation.* 2 sem hr

A general course to introduce the student to the history of sculpture, painting, and architecture, also to acquaint the student with the elements of creative design and color as applied to the home, school, and community. Prerequisite: 101 or 101s Elementary Art.

Nine weeks 8-10 TT Adm 208 Instructor

201, 202 *Life Sketching.* 3 sem hr ea

This class is held two hours, four days each week. It consists of criticisms of individual drawings from life in black and white and color.

1-3 MTTF Adm 206 SWETE

301 *Lettering.* 2 sem hr

The objective of this course is to acquire skill in pen and brush lettering for display cards, posters, signs, and charts. **Nine weeks 3-5 TT Adm 208 Instructor**

303 *Poster Design.* 2 sem hr

An advanced course in commercial art. A variety of poster techniques are employed. Prerequisites: 101s Elementary Art, 103 Commercial Design, 111 Design, and 201 Life Sketching.

Nine weeks 3-5 TT Adm 208 Instructor

401 *Art Composition.* 3 sem hr

This course enables the student to acquire further creative ability and a knowledge of structural values and techniques with the aid of the fundamental principles of design and color. Problems in illustration, mural decoration and the stage are introduced. Prerequisites: 101 or 101s Elementary Art, 201 Life Sketching, 109 Color, and 111 Design.

1-3 MTTF Adm 206 SWETE

MUSIC

104 *Elements of Music.* 2 sem hr

Designed to give the grade teacher a singing, music reading and theory practice in the elements of music. It acquaints the students with rhythm and tone problems, and aims to develop skill in music reading and an appreciation of music.

1-3 MWF Pease C GRATTAN

115 *Music Appreciation.* 2 sem hr

A course for non-specializing students. The aims of the course are to acquaint the student with the various types, forms, and styles of instrumental and vocal compositions. Illustrations through records and performances by accomplished musicians will be used.

10-12 MWF Pease E JAMES

141 *Harmony.* 4 sem hr

This course is a study of the construction and use of all triads and primary seventh chords. It includes an intensive drill in four-part writing, harmonic dictation and keyboard harmony. Prerequisite: 101 and 102 Elements of Music or equivalent.

8-10 MTWTF Pease E JAMES

220 *Elementary Music Education.* (For Non-specializing students.) 3 sem hr

This course is a study of music in relation to the interests, characteristics and needs of children in early elementary grades. It includes the following topics: development of a sense of rhythm, care and development of the voice, ear training, presentation of the staff and its notation, music reading, song repertoire, appreciation of beauty in music and instrumental work. Prerequisite: 104 Elements of Music.

8-10 MTWF Pease C GRATTAN

232 *Voice Culture.* 2 sem hr

A course of lectures on vocal anatomy, breathing and the various phases of singing. Analysis and use of exercises for the development of the voice and elimination of the faults of singing. A limited repertory of old classics and

folk songs. It is open to all students and required of all specializing in Public School Music and Singing.

1-3 MWF Pease E LINDEGBEN

241 Counterpoint. 2 sem hr

This course is a study of the various species of two and three-part counterpoint, motive development and the principal polyphonic forms. Analysis of typical works and considerable original composition are required. Prerequisite: 142 Harmony.

8-10 MWF Pease E JAMES

413 Orchestration. 3 sem hr

This is a practical work in orchestrating original and other works. Arrangements for various ensembles as well as one score for full orchestra are required. Prerequisite: 241 Counterpoint.

8-10 MTWF Pease E JAMES

INDUSTRIAL ARTS

101 Elementary Woodwork and Shop Sketching. 2 sem hr

Teaches the elementary principles of woodwork correlated with shop sketching. The course includes the development and construction of projects which form a foundation for teaching.

10-12 MWF Adm 10 LA BOUNTY

Nine weeks 10-12 TT Adm 10 LaBounty

112 Household Mechanics. 3 sem hr

This course is general in nature covering numerous projects and jobs which involve processes and the application of information most valuable to one in his home or business.

8-10 MTTF Adm 9 GILDENSTEIN

1-3 MTTF Adm 9 GILDENSTEIN

Nine weeks 8-10 MWF Adm 9 Gildenstein

Nine weeks 1-3 MWF Adm 9 Gildenstein

115 Elementary General Metalwork. 2 sem hr

Acquaints students with the more simple branches of metalwork including sheet-metal, bench metal, simple forging and metal casting. In connection with the shop work information is given relative to the characteristics and uses of various metals and their manufacture.

3-5 MWF Adm 8 LA BOUNTY

Nine weeks 3-5 TT Adm 8 LaBounty

127 General Mechanical Drawing. 3 sem hr

This is a general course covering the elements of mechanical drawing including working drawings, lettering, isometric drawing and developments, with special emphasis on content which will serve as a basis in teaching and understanding plans and blueprints.

10-12 MTTF Adm 4 RICHARDS

1-3 MTTF Adm 4 RICHARDS

Nine weeks 10-12 MWF Adm 4 Richards

Nine weeks 1-3 MWF Adm 4 Richards

128 Architectural Drawing. 3 sem hr

An elementary course which deals with the drawing of plans and some details of construction. Emphasis is placed on the reading and making of good plans. Some work is given on elevations.

10-12 MTTF Adm 4 RICHARDS

Nine weeks 10-12 MWF Adm 4 Richards

151 Toy Making. 2 sem hr

This course aims to meet the needs of teachers in kindergarten and primary departments, rural and ungraded

schools, and those in charge of exceptional children. Many of the problems considered would be helpful to leaders of campfire and social groups. Special stress is laid upon the designing, making and finishing of toys. Work in puppetry is included.

1-3 MWF Welch 7 HATTON

152 *Arts and Crafts.* 3 sem hr

The chief aim in this course is to enrich general education through activities which are interesting and valuable. The course covers material in bookbinding, basketry, and other forms of work which involve processes and information valuable to those who expect to teach elementary work, special classes or summer camp activities.

10-12 MTTF Rackham Shop DELL

204 *General Woodwork.* 3 sem hr

It is the aim in this course to acquaint students with the different branches of the woodworking industry and to give them some experience in each. It covers a broad range of activities including benchwork, elements of patternmaking, elements of cabinet-making, elements of carpentry, wood-turning and some mill work.

10-12 MTTF Adm 10 LA BOUNTY

Nine weeks 10-12 MWF Adm 10 LaBounty

216 *General Metal Work.* 3 sem hr

This is a continuation of course 115 covering more advanced work and the use of more metalworking equipment. Prerequisite: 115 Elementary General Metalwork.

3-5 MTTF Adm 8 LA BOUNTY

Nine weeks 3-5 MWF Adm 8 LaBounty

230 *Machine Drawing.* 3 sem hr

This course deals with the drawing of machine parts and such information as sizes of bolts, kinds of threads and other standards. Sketching, tracing and blueprinting form an important part of the course. Prerequisite: 127 General Mechanical Drawing.

1-3 MTTF Adm 4 RICHARDS

Nine weeks 1-3 MWF Adm 4 Richards

253, 254 *Industrial Arts.* 3 sem hr, 2 sem hr

These courses are planned primarily for teachers of elementary grades.

253 8-10 MTTF Welch 7 HATTON

254 1-3 MWF Rackham Shop DELL

HOME ECONOMICS

111 **Foods.* 2 sem hr

An introductory course in foods in which a study is made of the composition, selection, and preparation of foods usually included in simple family meals.

8-10 MTWTF Welch 103 BAUCH

202 *Home Nursing and Child Care.* 3 sem hr

This course is divided into two units. In one unit a study is made of home care of the sick and convalescent; first aid; control of disease in home and community. In the second unit a study is made of the care, development and training of the infant and the pre-school child.

10-12 MTWF Welch 103 BAUCH

Nine weeks 10-12 MWF Welch 103 Kelly

204 *Food and Nutrition.* 2 sem hr

This course offers special work in current food and nutrition problems. It consists of lectures, discussions and demonstrations. The course includes a study of the food re-

quirements and habits of children and adults; the problems of maintaining good nutritional standards when foods are rationed, the wise selection of food by those who eat in public eating places. The material in this course will be of practical value to the individual as well as to teachers of rural schools and elementary grades. No prerequisites. 1-3 MWF Welch 103 BAUCH

212 *Advanced Clothing.* 3 sem hr

A course designed for students who desire more advanced work in the selection and construction of clothing. Emphasis is given to the alteration and adaptations of patterns and to the fitting of garments. A unit on children's clothing is included. Prerequisite: 112 Clothing.

Nine weeks 1-3 MWTF Welch 202 Kelly

301 *Economic Problems of the Consumer.* 2 sem hr

In this course a study is made of the economic problems of the family in present-day society. Problems studied include family incomes, their source, distribution, and adequacy for desirable standards of living; the use of the income through budgeting and improved standards of buying in order to secure greater satisfactions for the consumer. 220 Elements of Economics is desirable as a prerequisite.

3-5 MWF Welch 202 KELLY

COMMERCE

101 *Beginning Typewriting.* 2 sem hr

Instruction is given in the learning and mastery of the typewriting keyboard. Skill and accuracy are constantly emphasized. The most recent methods based upon the psychology of learning, are employed in teaching this course. For beginners only. No credit is given if typewriting has been previously taken.

Nine weeks 8-10 TT Pierce 304 Erikson

102 *Elementary Accounting.* 3 sem hr

This course emphasizes the elementary principles of accounting. The work is developed from the standpoint of the individual proprietorship. Particular attention is given to the development of debit and credit, the importance and use of business papers, income and expense accounts, the trial balance, financial statements, and the closing of the ledger.

Nine weeks 10-12 MWF Pierce 305 Erikson

203 *Stenography.* 3 sem hr

The aim in this course is to train students to take dictation at a speed required in business, and to transcribe their notes correctly at a reasonable speed. The development of typing skill is an important part of this course. Prerequisites: 101 Beginning Typewriting and 103 Beginning Shorthand or equivalents.

Nine weeks 1-3 MWF Pierce 305 Erikson

302 *Office Practice.* 2 sem hr

The technique of office procedure as applied to present day methods in an up-to-date office is emphasized. Attention is given to a study of the appliances most commonly used in offices. Methods of instruction will be given to enable teachers to train pupils to enter upon the duties of their initial position confidently and advantageously.

Nine weeks 10-12 TT Pierce 305 Erikson

*The student is required to wear a white uniform when working in the food laboratory. This should be purchased under the supervision of the department.

SCHOOL LIBRARY SERVICE

101 *Use of Books and Libraries.* 2 sem hr

A prerequisite for all students who wish to qualify as student assistants in the College Library, but it is also open to any other students wishing practical instruction in using library materials. It is not to be taken by students majoring or minoring in School Library Service.

Nine weeks 10-12 TT Library 207 Andrews

303 *Reference Books and Their Use.* 2 sem hr

This course is a general survey of the content and use of reference books and materials suitable for secondary schools. Readings, reports and problems will be required.

Nine weeks 8-10 TT Library 207 Cleveringa

305 *Periodicals and Their Indexes.* 3 sem hr

This course is a survey of periodical literature suitable for school library use, and consists of a study of the various types of periodicals published in the United States; the use of periodical indexes as teaching aids, and the processes involved in the care, use and binding of periodicals and public documents.

Nine weeks 8-10 MWF Library 207 Cleveringa

403 *Library Materials as Teaching Aids.* 3 sem hr

Undertakes to give prospective teachers and school librarians valuable sources for securing inexpensive teaching and library materials, and also free materials available through State and Federal Departments, commercial agencies, publishing houses, etc.

Nine weeks 10-12 MWF Library 207 Andrews

HEALTH EDUCATION

102 *Personal Health.* 2 sem hr

In this course each student evaluates his own health examination record which is used as a basis for the formation of discriminating health judgments. It includes scientific information concerning the principles that determine the improvement and maintenance of health, and the prevention of disease.

(Women) 8-10 MWF Adm 204 BOELL

(Men) 10-12 MWF Hover 102 SAMSON

201 *Health Education in the Elementary Grades.* 2 sem hr

This course is given for students preparing to teach primary and intermediate grades. Health inspection of school children, survey of environmental conditions, and other methods of determining the health needs of the child are taught. A study is made of the application of educational principles in health instruction. Practice is given in evaluating the newer courses in Health Education.

10-12 MWF Adm 204 BOELL

252 *Health Education for Rural Schools.* 2 sem hr

This course presupposes some knowledge of personal hygiene. It includes the evaluation and healthful control of the school environment, as well as the health status of individual children, and the principles and methods of health instruction as applied in a rural school.

8-10 MWF Hover 102 SAMSON

360 *Health Education Applied.* 3 sem hr

Planned for school nurses and for teachers who have had a year or more of experience. The relation of the teacher and the nurse, with their respective contributions to the health program, is discussed. The value of periodic health

examinations is considered and participation in this examination by nurses and teachers is learned by discussion and by actual experience in helping to examine children. The relation of physical and mental health to behavior problems is studied. This course is a preparation for efficient community and school health leadership.

1-3 MTTF Adm 204 SNOW

PHYSICAL EDUCATION

251 *Methods and Materials in Physical Education.* 3 sem hr (See Education)

311 *Theory and Philosophy of Play.* 2 sem hr

A course in the philosophy and psychology of play, its history in the race, its development in recent times, and its influence in the education and development of the individual. Study is made of the practical conduct of play as illustrated in the playground, the community center, boys' and girls' clubs, summer camps, and schools.

8-10 MWF Welch 1 MCCULLOCH

318 *Community Activities.* 3 sem hr

The organization of methods and materials for carrying on various types of community activities particularly of a recreational nature. Wherever possible the students will be given laboratory experiences in local communities.

10-12 MTWF North Gym HARRIS

412 *Organization of Physical Education.* 2 sem hr

This course plans courses of physical training to meet the conditions of city and rural schools. Principles of supervision and construction of buildings and playfields is discussed, and inspection of modern equipment and buildings is made.

10-12 MWF Welch 1 MCCULLOCH

414 *History and Literature of Physical Education.* 2 sem hr

A course of lectures and reference work covering the history of physical education and making a systematic survey of the literature of the subject. Each student is expected to make a rather complete study of a chosen topic.

1-3 MWF Hover 102 SAMSON

Physical Training for Women

W104 *School Games.* 2 sem hr activity credit

Required on the State Limited Curriculum.

1-3 MWF South Gym ROELL

W112 *Elementary Swimming.* 2 or 3 sem hr activity credit

3-5 MTWT Pool INSTRUCTOR

W115 *Elementary Tennis.* 2 sem hr activity credit

10-12 MWF South Gym BATSCHELET

1-3 MWF North Gym BATSCHELET

W214 *Recreational Activity.* 3 sem hr

Includes horseback riding, golf, etc.

3-5 MTWT South Gym BATSCHELET

Ws317 *Community Recreation.* 3 sem hr activity credit

A coeducational course. This course includes the practice of the methods and the use of materials in conducting activities suitable for community groups and in the teaching of social dancing.

3-5 MTWT North Gym HARRIS

Physical Training for Men

M103 *Swimming.* 3 sem hr activity credit
3-5 MTWT Pool OLDS

M104 *Varsity Tennis.* 3 sem hr activity credit
1-3 MTWT Courts MCCULLOCH

Ms317 *Community Recreation.* 3 sem hr activity credit
See Ws317