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Undergraduate Council Meeting Minutes

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1-20-2000

# Undergraduate Council Minutes of Meeting January 20, 2000

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**THE UNIVERSITY OF TENNESSEE, KNOXVILLE  
UNDERGRADUATE COUNCIL**

**MINUTES OF MEETING  
January 20, 2000**

Members present: David Anderson, Richard Bayer, Mary Dale Blanton, Heather Collins, Tom George, Fred Gilliam, Robert Hinde, Laura Howes, Buck Jones, Faye Julian, Suzanne Kurth, John Lounsbury, Frank Masincupp, Anne Mayhew, John Muldowny, Mike Mullen, Christian Miller, Johnnie Mazingo, Ryan Paradis, Paul Pinckney, Max Robinson, Delores Smith, Rita Smith, Frank Spicuzza, Linda Tober, and Michael Ware.

Members absent: Asa Bishop, Monique Anderson, Eric Haley, Robert Maddox, Robert Petersen, Carol Seavor, and Rhea Scruggs.

Proxies attending: Margie Russell (Monique Anderson) and Paul Pinckney (Robert Petersen).

Julian called the meeting to order at 1:30 p.m.

I. Curricular Materials

A. College of Human Ecology

Blanton presented the material, a summary of which appears on pages 12634 and 12635. Discussion focused on the use of on-line courses to meet all or most required courses in a given major. Julian noted that the content must be academically sound and must meet any criteria set for on-line courses. Mayhew added that what was approved was the course content rather than the method of delivery. DeYoung observed that it would be to the student's benefit to know the method of delivery. Blanton said the term "on-line" could be eliminated or changed in the descriptions. Council approved the removal of the term "on-line" from the descriptions. Miller questioned the dropping of the Sport Management major and minor. George noted that the major continues to be offered in the College of Education but that the minor was dropped because of enrollment pressures. The changes were approved by the Council as amended.

B. College of Agricultural Sciences and Natural Resources

Mullen presented the changes and stated a new concentration was being added to the Agricultural Economics and Business major, Concentration in Agricultural Equipment Systems Management. It is described on page 12508. The new concentration includes over-subscribed courses in Speech Communications, English, and Business Law. Masincupp noted that this concentration is in a major that already includes these courses. Council approved a friendly amendment by Julian that the speech requirement be listed as Speech Communication Elective rather than Speech 210 or 240. Additional changes include the change of name of Agriculture courses to Agriculture and Natural Resources; addition of a skills/ placement test, monitored internally, as a prerequisite to a computer applications course; and a change of degree name from Bachelor of Science in Agriculture to Bachelor of Science in Plant and Soil Sciences. Additional discussion regarding the

Speech Communication Elective resulted in a motion that the new concentration be made consistent with the other concentrations requiring Speech 210 and 240. The motion carried and the curriculum will appear as originally presented. Council approved the changes from the College as they appear on pages 12508 through 12527.

- C. College of Architecture and Design  
Robinson presented the materials. After brief discussion of the changes in the History requirement from specified courses to two History courses electives, Council approved the requests.
- D. College of Arts and Sciences  
Mayhew presented the material which includes revision in the College's Basic Skills and Distribution Requirements. She noted that under the new proposal, the College comes a step closer to meeting the University's General Education requirements. In the future, students will be required to take a course in Mathematics, Formal Reasoning, and Logic. In the past, students could be exempted from any course in the area on the basis of standardized test scores. She added that the College is aware that it still falls one course short of the University Requirement. A summary of the proposed changes appear on pages 12535 and 12536. Council approved the changes with minor revision.
- E. College of Business Administration  
Margie Russell (proxy for Monique Anderson) presented the material which the Council approved.
- F. College of Communications  
There being no representative from the College present, the Council deferred action on the submitted material.
- G. College of Education  
George presented the changes including the Board of Trustees approved structural change from eleven administrative units to six departments. Revisions not related to the structural change include addition of a minor in Engineering Communications and Performance. Council approved the material.
- H. College of Engineering  
Gilliam presented the material. Among the revisions is a name change from a Bachelor of Science in Engineering Science to a Bachelor of Science in Biomedical Engineering. Council approved the material.
- I. College of Nursing  
Mozingo presented the new Nursing undergraduate curriculum and minor revisions to the current program. The new curriculum will be effective for students who are accepted for progression in Fall 2001. Council approved.
- J. Army ROTC  
Paradis presented the material which was approved by the Council.

- K. School of Information Sciences  
George Hoemann presented the changes. The material was approved with one minor revision.
  
  - L. University Honors  
Tober presented the University Honors program proposal to drop two courses. Council approved.
- II. Courses Not Offered in Four or More Years  
Tober presented the material which Council approved with minor revision.

Christian Miller asked if a policy could be made to give graduating seniors first priority in class selection. Sometimes there is a problem when a class is needed outside a student's college or major. Julian suggested representatives from the Undergraduate Academic Council talk with the deans and advisors. Communication could be helped by putting information on the SGA web page. Advisors could help by reminding students to follow their academic plan.

All material requiring Faculty Senate approval appears on pages 12504 through 12680.

The meeting was adjourned at 4:10 p.m.

Respectfully submitted,

Linda M. Tober  
Secretary to the Undergraduate Council

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THE UNIVERSITY OF TENNESSEE  
COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES



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Office of the Dean  
126 Morgan Hall  
P.O. Box 1071  
Knoxville, TN 37901-1071  
(423) 974-7303  
FAX (423) 974-9329

December 15, 1999

Dr. Linda Tober  
Assistant Dean  
Undergraduate Academic Affairs  
420 Communications Building

Dear Dr. Tober;

Enclosed are 10 copies of the proposed undergraduate curriculum changes for the College of Agricultural Sciences and Natural Resources. Also, please find a disk with the file on it in Word 97 format.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mullen'.

Dr. Michael D. Mullen  
Assistant Dean, College of Agricultural Sciences and Natural Resources

**AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY (047)**

ADDITION OF A CONCENTRATION

COPY TO BE INSERTED AT THE END OF THE CURRENT DEPARTMENT DESCRIPTION ON PAGE 59 OF THE 1999-2000 UNDERGRADUATE CATALOG]

Agricultural Economics and Business - Agricultural Equipment Systems Management Concentration

Technology is changing rapidly in agricultural equipment and the industry is in need of professionals who have developed a high degree of technical expertise in addition to having the ability to apply sound business and economic principles to the management of a business. The Agricultural Equipment Systems Management Concentration is a unique interdisciplinary program that combines courses from the Agricultural Economics and Business Program and the Biosystems Engineering Technology Program. Graduates will find career opportunities in the agricultural machinery industry as dealership managers as well as with agribusiness firms in operations management.

Students enrolling in the Agricultural Equipment Systems Management Concentration may apply for participation in the John Deere Dealership Management Program. This unique program represents a partnership between John Deere and the University of Tennessee for the southern region of the United States. Students participating in the John Deere Dealership Management Program will have a dealership manager as a mentor, spend two summer internships in a dealership, and will be considered for additional scholarship assistance.

	<b>Hours Credit</b>
<b>Freshman</b>	
Agricultural Economics 110	1
<sup>3</sup> Agriculture 101	3
Botany 110, 120	8
Mathematics 123, 125	6
English 101, 102	6
<sup>1</sup> Humanities Elective	3
<sup>1</sup> History Electives	6
	<b>33</b>
<b>Sophomore</b>	
<sup>2</sup> Economics 201	4
Accounting 201, 202	6
Statistics 201	3
Biosystems Engineering Technology 202	3
Agriculture 290	3
Plant and Soil Sciences 210	3
Chemistry 120	4
Physics 161	3
Speech 210 or 240	3
	<b>32</b>
<b>Junior</b>	
Agricultural Economics 320, 342, 350, 412	12
<sup>2</sup> Rural Sociology 380	3
Economics 313	3
Statistics 320	3
<sup>3</sup> Business Law 301	3
English 295	3

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Biosystems Engineering 315	3
Biosystems Engineering Technology 452	3
	33
<b>Senior</b>	
Agricultural Economics 410	1
Agricultural Economics 442	3
Agricultural Economics or Rural Sociology Electives	6
<sup>1</sup> Business Elective	3
Biosystems Engineering Technology 432	3
Biosystems Engineering Technology 462	3
Biosystems Engineering Technology Electives	6
Animal Science 381, or Ornamental Horticulture and Landscape Design 340 or 370, or Plant and Soil Sciences 435	3
<sup>1</sup> Humanities Elective	3
Electives	3
	34
	Total:132

<sup>1</sup>See advisor for list of acceptable courses.

<sup>2</sup>Meets Social Science requirements.

<sup>3</sup>Meets Integrative Studies requirement.

Effective Date: Fall 2000

**AGRICULTURE (088)**

Revise College Course Name in catalog and timetable

Agriculture and Natural Resources (088) (Formerly Agriculture (088))

Revise College course abbreviations in all curriculum descriptions

ANR (Formerly AGRIC)

Revise Title, Course Description, Prerequisites

**290 Computer Applications to Problem Solving (3)**

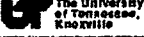
Use of computer technology to analyze and report problems related to agricultural sciences and natural resources. The use and integration of computer applications such as spreadsheets, databases, presentation graphics, word processing, and other applicable software as needed for problem analysis and reporting. Prereq: satisfactory performance on a skills/placement test. For details, see advisor. 2 hrs and 1 lab. F, Sp

(Formerly 290 Microcomputer Applications to Problem Solving (3) Use of the microcomputer to analyze and report problems related to agricultural sciences and natural resources. Introduction to word processing, spreadsheets, data bases, presentation graphics , and other applications software as needed for problem analysis and reporting. 2 hrs and 1 lab. F, Sp)

Proposal for skills/placement test on pages 12511 and 12512.

### Proposal for Skills/Placement Sequence for Ag290

1. This sequence would be required of all students before registering for Ag290
2. One of the lab TA's will be responsible for checking the progress of the students and answering questions, with Ms. Gray overseeing the entire process
3. The student enrolls in CourseInfo Ag290Test. This site thoroughly delineates the sequence necessary to pass the skills test and it includes additional computer-related resources. It also maintains a record of the skills passed by the student in a gradebook that can be readily accessed by the student, TA or instructor.



Joanne Logan AG290TEST Skills Requirements for Agriculture 290

## Skills Requirements for Agriculture 290

### Announcements

Posted in the Last Two Weeks

Posted: 1999/08/26

**This site is designed to assist students in completing the sequence of computer skills required for Agriculture 290: Microcomputer Applications for Agriculture.**

Posted: 1999/08/26

Registration for Agriculture 290:Microcomputer Applications in Agriculture requires completion of a sequence of microcomputer skills. This sequence consists of the satisfactory completion of following steps:

- Computer-Based Training Win 98:Getting Started
- Computer-Based Training Win 98:Up and Running
- Computer Based Training Internet and Intranet Skills (2 parts)
- Computer-Based Training MS Word:Getting Started
- Computing & Network Services Lifepreserver Course

Today  Last 2 Weeks  Last Month  All

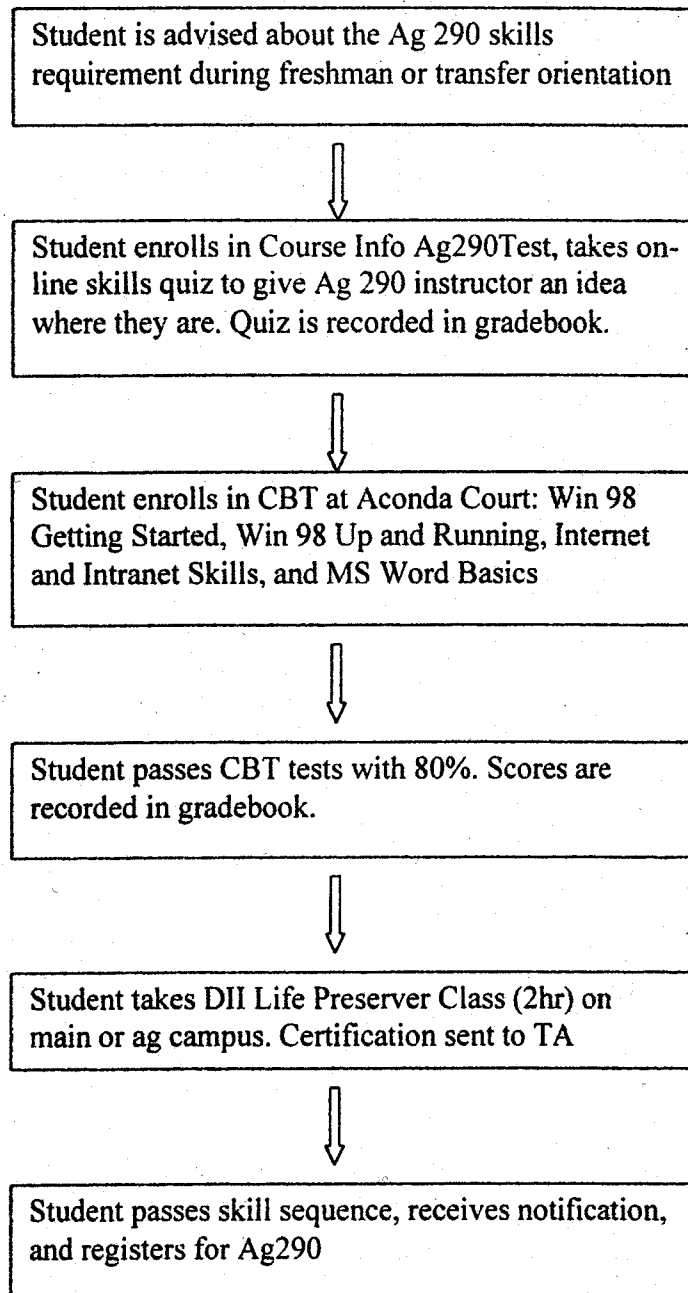
**online@utk**

4. Student enrolls in CBT over the Internet or at Aconda Court (An assistant at Aconda Court will assist student in learning how to use CBT)
5. At their own pace, student completes CBTs in Win 98 Getting Started, Win 98 Up and Running, Internet and Intranet Skills, and MS Word Getting Started. If the student feels competent, he or she may progress immediately to the post-tests, bypassing the tutorials. Final score (must have 80% to pass) for each CBT is mailed to TA and recorded in CI gradebook.
6. The student attends a 2-hr LifePreserver class on main or ag campus. This class is for students who have been using a computer and e-mail, but need to become familiar with the specifics of obtaining and initializing a UNIX account, and computing at UTK, including becoming familiar with the recommended e-mail packages. The primary focus is activating e-mail accounts and learning how to use e-mail. Topics include: setting up folders, organizing mail, setting up an address book, and keeping your account cleaned out. The CAS Web page will also be explored and discussed (<http://www.cas.utk.edu>). Time permitting, further



topics on the Internet will be covered. LifePreserver is offered frequently throughout the year, including summers. It can also be scheduled for the CASNR lab at any time. Certificate of completion will be forwarded to the TA.

7. Student passes sequence, receives notification, registers for Ag 290



Add Course:

491 International Experience in Agriculture and Natural Resources (1-15)

Credit for formalized international experiences related to agricultural sciences and natural resources. Determination of credit based on nature of the proposed experience. Student should discuss the opportunity with their faculty advisor prior to the trip to determine if it is appropriate for credit. Credit hours will be determined by the department and college depending on the extent of activity and types of projects and/or presentations to be completed by the student upon return. S/NC.

**Effective date: Fall 2000**

**BIOSYSTEMS ENGINEERING (196)**

REVISE PREREQUISITE:

243 Material and Energy Flows in Biological Systems (3)

Prereq: Engineering Fundamentals 101, 102, and Chemistry 120 and 130. (Formerly: Introductory physics (or BE 121 and 131), chemistry and calculus.)

311 Processing Food and Biological Materials (3)

Prereq: 303, Engineering Science 341 or Civil and Environmental Engineering 390. (Formerly: Engineering Science and Mechanics 341 or Civil Engineering 390, Agricultural Engineering 303.)

331 Power Units and Machinery (3)

Prereq: Mechanical Engineering 331, Engineering Science 321, or consent of instructor. (Formerly: Mechanical Engineering 331 and Engineering Science 321.)

401 Biosystems Engineering Design I (3)

Prereq: 451 and Senior Standing, or consent of instructor. (Formerly: Senior standing and 451)

423 Irrigation and Waste Management System Design (3)

Prereq: 315, Engineering Science 341 or Civil and Environmental Engineering 390. (Formerly: 315, Civil Engineering 390.)

**Effective Date: Fall 2000**

REVISE TERM OF COURSE OFFERING:

433 Bioprocess System Design and Analysis (3)

Fall (Formerly: not indicated)

**Effective Date: Fall 2000**

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On page 60 of the 1999-2000 Undergraduate Catalog, revise **Biosystems Engineering with Concentration in Food Engineering** curriculum:

From:

**Senior**

Biosystems Engineering 311, 401, 402, 433 .....	15
English 360 or 462 .....	3
<sup>3</sup> Social Science Elective .....	3
<sup>3</sup> Historical Studies Elective .....	3
Industrial Engineering 405 .....	3
Speech 210 or 240 .....	3
Food Science and Technology .....	3
..... Total	134 hours

(drop English 462, since it is not the preferred technical writing course)

To:

**Senior**

Biosystems Engineering 311, 401, 402, 433 .....	15
English 360 .....	3
<sup>3</sup> Social Science Elective .....	3
<sup>3</sup> Historical Studies Elective .....	3
Industrial Engineering 405 .....	3
Speech 210 or 240 .....	3
Food Science and Technology 495 .....	3
..... Total	134 hours

**Effective Date: Fall 2000**

**BIOSYSTEMS ENGINEERING TECHNOLOGY (194)**

REVISE PREREQUISITE:

- 422 Food and Process Engineering Technology (3)\_Prereq: Physics 101 or 221. (Formerly: Physics 121, Mathematics 125.)
- 432 Agricultural Machinery and Tractors (3)  
Prereq: Mathematics 123 or 125 or consent of instructor. (Formerly: Mathematics 125 or 123 or equivalent.)
- 452 Small Internal Combustion Engines (3)  
Prereq: Mathematics 123 or 125 or consent of instructor. (Formerly: Physics 121 or consent of instructor.)
- 462 Agricultural Chemical Application Technology (3)  
Prereq: Mathematics 123 or 125 or consent of instructor. (Formerly: Physics 121 or consent of instructor.)

**Effective Date: Fall 2000**

**FORESTRY, WILDLIFE AND FISHERIES (398)**

Revise course description and term offered

- 420 International Natural Resource Issues (2)  
Identification and analyses of issues regarding forestry, wildlife, fisheries, and associated natural resources beyond U.S. borders. Biophysical, economic, and cultural elements impacting natural resources at the international level. Cases: Northern Europe, Latin America, Indonesia, and Africa. F,A

(Formerly: Identification and analyses of issues regarding forestry, wildlife, fisheries and associated natural resources beyond U.S. borders, including biodiversity conservation. Biophysical, economic, and cultural elements impacting natural resources at the international level. Cases to include, but not be limited to, Northern Europe, Latin America, Indonesia, and Africa. Sp)

**Effective Date: Fall 2000**

**ORNAMENTAL HORTICULTURE AND LANDSCAPE DESIGN (740)**

Revise Prerequisite:

- 280 Fundamentals of Landscape Design (3)  
Prereq: 110 or consent of instructor. (Formerly: 220 or consent of instructor)

**Effective date: Fall 2000**

- 485 Computer Aided Landscape Design (3)  
Prereq: 280, 380, and Agriculture and Natural Resources 290. (Formerly: 280 and Agriculture 290)

**Effective date: Fall 2000**

Revise Term Offered:

- 230 Interior Landscaping (3)  
F (Formerly: Sp)

**Effective date: Fall 2000**

Add:

- 231 Interior Landscaping II (3)  
Commercial application of design, sales, sales proposals, plantscape management, and basic plantscape business management for the Interior Landscaping industry. Prereq: 230 or consent of instructor. Sp

**Effective date: Fall 2000**

- 426 Public Horticulture (2)  
In-depth study of the public horticulture industry. Attention given to the diversity of public horticulture institutions, career opportunities, and research. Discussion of current topics and issues. Senior Standing or consent of instructor. Sp

**Effective date: Fall 2000**

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- 494 Professional Horticultural Communications (3)  
Communication for public horticulturists through written, oral and visual media. Emphasis on communication skills using proper writing techniques and grammar for print media, brochure design using desktop publishing, slide show development, oral presentations, and video use for educational and informational presentations in Ornamental Horticulture. Prereq: Agriculture 290 and Senior Standing. F

**Effective date: Fall 2000**

**ORNAMENTAL HORTICULTURE AND LANDSCAPE DESIGN (740)**

On page 66-67 of the 1999-2000 *Undergraduate Catalog*, revise OHLD curriculum

From:

**LANDSCAPE DESIGN CONCENTRATION**

Landscape designers create aesthetic concepts and practical plans for improved outdoor living. OHLD students study fundamental and advanced landscape design, landscape design graphics, computer aided landscape design, surveying, art, socio-economic impact of plants, field botany, professional practices, basic woody plant identification, landscape construction and maintenance methods. The development of comprehensive design projects helps students prepare for careers in landscape design or advanced studies in landscape architecture. Graduates in design have access to a large segment of the OHLD commodity areas of employment.

**Freshman**

OHL D 110 .....	3
Art 101-103 .....	4
<sup>1</sup> Botany 110-120 .....	8
Chemistry 100-110 or 120-130 .....	8
English 101-102 .....	6
Math 119 and (123 or 125) .....	6

**Sophomore**

OHL D 220, 280 .....	6
Agriculture 290 or Computer Science 100 .....	3
<sup>2</sup> Technical Elective .....	3
Biology 250 .....	4
Economics 201 .....	4
Plant and Soil Sciences 210 .....	3
Speech 210 or 240 .....	3
<sup>2</sup> Social Science Elective .....	3
<sup>2</sup> Writing or Speech Elective .....	3
<sup>2</sup> Humanities Elective .....	3

**Junior**

OHL D 350, 380 .....	5
Select 4 from OHL D 320, 340, 360, 370, 390 or 391 .....	11-12
OHL D 492 .....	3
Botany 330 .....	3
<sup>2</sup> Technical Elective .....	3
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Integrative Studies Elective .....	3

**Senior**

OHLD 450, 460, 480, 485 .....	11
OHLD 490, 499 .....	4
<sup>2</sup> Technical Elective .....	6
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Humanities Elective .....	3
<sup>2</sup> Electives .....	3-4

Total: 132

<sup>1</sup>A two-semester General Biology series may be substituted for Botany only if taken before entering OHLD.

<sup>2</sup>Lists of appropriate electives are available and should be selected in conference with academic advisor.

**ADDITIONAL ELECTIVE LIST: LANDSCAPE DESIGN CONCENTRATION**

**TECHNICAL ELECTIVES:**

- Art 295
- Biosystems Engineering Technology 212, 315
- Botany 431
- Ecology 484
- Entomology and Plant Pathology 313, 321, 410
- Forestry, Wildlife, and Fisheries 211, 250
- Geography 439
- Plant and Soil Sciences 311, 334, 414

**ORNAMENTAL HORTICULTURE AND LANDSCAPE DESIGN (740)**

On page 66-67 of the 1999-2000 *Undergraduate Catalog*, revise OHLD curriculum

To:

**LANDSCAPE DESIGN CONCENTRATION**

Landscape designers create aesthetic concepts and practical plans for improved outdoor living. OHLD students study fundamental and advanced landscape design, landscape design graphics, computer aided landscape design, surveying, art, socio-economic impact of plants, field botany, professional practices, basic woody plant identification, landscape construction and maintenance methods. The development of comprehensive design projects helps students prepare for careers in landscape design or advanced studies in landscape architecture. Graduates in design have access to a large segment of the OHLD commodity areas of employment.

**Freshman**

OHLD 110 .....	3
Art 101-103 .....	4
<sup>1</sup> Botany 110-120 .....	8
Chemistry 100-110 or 120-130 .....	8
English 101-102 .....	6
Math 119 and (123 or 125) .....	6

**Sophomore**

OHLD 220, 280 .....	6
Agriculture 290 or Computer Science 100 .....	3
<sup>2</sup> Environmental/Technical Elective .....	3
Economics 201 .....	4

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Plant and Soil Sciences 210 .....	3
Speech 210 or 240 .....	3
<sup>2</sup> Social Science Elective .....	3
<sup>2</sup> Writing or Speech Elective .....	3
<sup>2</sup> Humanities Elective .....	3
<b>Junior</b>	
OHLD 350, 380 .....	5
Select 4 from OHLD 320, 340, 360, 370, 390 or 391 .....	11-12
Botany 330 .....	3
<sup>2</sup> Environ./Tech. Elective .....	6
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Integrative Studies Elective .....	3
<b>Senior</b>	
OHLD 450, 460, 480, 485, 490 .....	12
OHLD 492, 493, or 499 .....	3
<sup>2</sup> Environ./Tech. Elective .....	6
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Humanities Elective .....	3
<sup>2</sup> Electives .....	7-8

Total: 132

<sup>1</sup> A two-semester General Biology series may be substituted for Botany only if taken before entering OHLD.

<sup>2</sup> Lists of appropriate electives are available and should be selected in conference with academic advisor.

**ADDITIONAL ELECTIVE LIST: LANDSCAPE DESIGN CONCENTRATION**

**ENVIRONMENTAL/TECHNICAL ELECTIVES:**

Architecture 111  
Art 295  
Biology 250  
Biosystems Engineering Technology 212, 315  
Botany 431  
Ecology 484  
Entomology and Plant Pathology 313, 321, 410  
Forestry, Wildlife, and Fisheries 211, 250  
Geography 439  
Geology 201, 202  
Plant and Soil Sciences 311, 334, 414

**ORNAMENTAL HORTICULTURE AND LANDSCAPE DESIGN (740)**

On page 66 of the 1999-2000 *Undergraduate Catalog*, revise OHLD curriculum

From:

**HORTICULTURAL SCIENCE AND MANAGEMENT CONCENTRATION**

The Horticultural Science and Management Concentration is designed for the student desiring to pursue areas such as turfgrass management, floriculture, nursery production, landscape contracting and construction, or desire a

general ornamental horticulture curriculum. Careful selection of OHL D courses and other electives in consultation with your academic adviser will prepare graduates for the career of their choice.

**FRESHMAN**

OHL D 110 .....	3
Agriculture 101 .....	3
<sup>1</sup> Botany 110-120 .....	8
Chemistry 100-110 or 120-130 .....	8
English 101-102 .....	6
Math 119 and (123 or 125) .....	6

**SOPHOMORE**

Select 2 from OHL D 220, 230, or 280 .....	6
Agriculture 290 .....	3
Select 1 from Biosystems	
Engineering Tech. 202, 212;	
Botany 310 .....	3-4
Select Biology 250; or Forestry Wildlife and	
Fisheries 250 and Plant and	
Soil Sciences 200 .....	4
Economics 201 .....	4
Plant and Soil Sciences 210 .....	3
Speech 210 or 240 .....	3
<sup>2</sup> Social Science Elective .....	3
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Unrestricted Elective .....	3

**JUNIOR**

Select 4 from OHL D 320, 330, 340,	
350, 360, 370, 380, 390 or 391 .....	10-12
OHL D 492 .....	3
<sup>2</sup> OHL D Elective .....	3
Select 2 from Entomology and Plant Pathology	
313, 321, 410; Plant and Soil Sciences 311,	
334 or 433 .....	6
<sup>2</sup> Humanities Elective .....	3
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Writing or Speech Elective .....	3
<sup>2</sup> Integrative Studies Elective .....	3

**SENIOR**

Select 4 from OHL D 410, 430 and 431, 440,	
450, 451, 460, 480, 485, 493, or 499 ...	9-14
OHL D 490 .....	1
Select 1 from <sup>2</sup> Agric. Economics Elective or	
Biosystems Engineering Tech. 452 or 462 ..	3
Botany 321 .....	4
<sup>2</sup> Humanities Elective .....	3
<sup>2</sup> Unrestricted Electives .....	1-9

Total: 132

<sup>1</sup>A two-semester General Biology series may be substituted for Botany only if taken before entering OHL D.

<sup>2</sup>Lists of appropriate electives are available and should be selected in conference with academic advisor.



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On page 66 of the 1999-2000 *Undergraduate Catalog*, revise OHLD curriculum  
To:

**HORTICULTURAL SCIENCE AND MANAGEMENT CONCENTRATION**

The Horticultural Science and Management Concentration is designed for the student desiring to pursue areas such as turfgrass management, floriculture, nursery production, landscape contracting and construction, or desire a general ornamental horticulture curriculum. Careful selection of OHLD courses and other electives in consultation with your academic adviser will prepare graduates for the career of their choice.

**FRESHMAN**

OHLD 110 .....	3
Agriculture 101 .....	3
<sup>1</sup> Botany 110-120 .....	8
Chemistry 100-110 or 120-130 .....	8
English 101-102 .....	6
Math 119 and (123 or 125) .....	6

**SOPHOMORE**

Select 2 from OHLD 220, 230, or 280 .....	6
Agriculture 290 .....	3
Select 1 from Biosystems	
Engineering Tech. 202, 212;	
Botany 310 .....	3-4
Select Biology 250; or Forestry Wildlife and	
Fisheries 250 and Plant and	
Soil Sciences 200 .....	4
Economics 201 .....	4
Plant and Soil Sciences 210 .....	3
Speech 210 or 240 .....	3
<sup>2</sup> Social Science Elective .....	3
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Unrestricted Elective .....	3

**JUNIOR**

Select 4 from OHLD 320, 330, 340,	
350, 360, 370, 380, 390 or 391 .....	10-12
OHLD 492 .....	3
<sup>2</sup> OHLD Elective .....	3
Select 2 from Entomology and Plant Pathology	
313, 321, 410; Plant and Soil Sciences 311,	
334 or 433 .....	6
<sup>2</sup> Humanities Elective .....	3
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Writing or Speech Elective .....	3
<sup>2</sup> Integrative Studies Elective .....	3

**SENIOR**

Select from OHLD 410, 426, 430 and 431,	
440, 450, 451, 460, 480, 485, 493,	
494, or 499 .....	9-14
OHLD 490 .....	1
Select 1 from <sup>2</sup> Agric. Economics Elective or	
Biosystems Engineering Tech. 452 or 462 ...	3
Botany 321 .....	4
<sup>2</sup> Humanities Elective .....	3
<sup>2</sup> Unrestricted Electives .....	1-9

Total: 132

<sup>1</sup>A two-semester General Biology series may be substituted for Botany only if taken before entering OHLD.

<sup>2</sup>Lists of appropriate electives are available and should be selected in conference with academic advisor.

On page 66 of the 1999-2000 *Undergraduate Catalog*, revise OHLD curriculum

From:

**PUBLIC HORTICULTURE CONCENTRATION**

The public horticulture concentration is intended for students interested in professional careers which promote horticulture and emphasize people and their education and enjoyment of plants. Such careers include director of a botanical garden or park; city or urban horticulturist; extension agent, teacher, educational director, or program coordinator; professional garden writer/editor or publication manager; horticulture therapist; public garden curator; and plant collections manager. Directed technical electives allow the student to concentrate in an area of their interest while encouraging the development of good people skills. Students are required internship training in the area of their interest.

**FRESHMAN**

OHLD 110 .....	3
Agriculture 101 .....	3
<sup>1</sup> Botany 110-120 .....	8
Chemistry 100-110 or 120-130 .....	8
English 101-102 .....	6
Math 119 and (123 or 125) .....	6

**SOPHOMORE**

Select 2 from OHLD 220, 230, or 280 .....	6
Agriculture 290 .....	3
Select 1 from Psychoeducational Studies 210; Public Relations 270; Forestry Wildlife and Fisheries 211; 250 .....	3
Biology 250 .....	4
Economics 201 .....	4
Plant and Soil Sciences 210 .....	3
Speech 210 or 240 .....	3
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Humanities Elective .....	3

**JUNIOR**

Select 4 from OHLD 320, 330, 340, 350, 360, 370, 380, 390 or 391 .....	10-12
OHLD 492 .....	3
Select 1 from Philosophy 342; Agric. and Extension Educ. 346; Journalism 310 .....	3
Select 2 from Botany 309,330; Entomology and Plant Pathology 313, 321, 410; Plant and Soil Sciences 334 .....	6
<sup>2</sup> Social Science Elective .....	3
<sup>2</sup> Writing or Speech Elective .....	3
<sup>2</sup> Humanities Elective .....	3

**SENIOR**

Select 3 from OHLD 410, 430, 440, 450,451, 460, 480, 485, 493 or 499 .....	6-11
OHLD 490 .....	1
<sup>2</sup> OHLD Elective .....	3
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Integrative Studies Elective. ....	3
<sup>2</sup> Technical Electives .....	11-19

Total: 132

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<sup>1</sup>A two-semester General Biology series may be substituted for Botany only if taken before entering OHLD.

<sup>2</sup>Lists of appropriate electives are available and should be selected in conference with academic advisor.

On page 66 of the 1999-2000 *Undergraduate Catalog*, revise OHLD curriculum

To:

**PUBLIC HORTICULTURE CONCENTRATION**

The public horticulture concentration is intended for students interested in professional careers which promote horticulture and emphasize people and their education and enjoyment of plants. Such careers include director of a botanical garden or park; city or urban horticulturist; extension agent, teacher, educational director, or program coordinator; professional garden writer/editor or publication manager; horticulture therapist; public garden curator; and plant collections manager. Directed technical electives allow the student to concentrate in an area of their interest while encouraging the development of good people skills. Students are required internship training in the area of their interest.

**FRESHMAN**

OHLD 110 .....	3
Agriculture and Natural Resources101 .....	3
<sup>1</sup> Botany 110-120 .....	8
Chemistry 100-110 or 120-130 .....	8
English 101-102 .....	6
Math 119 and (123 or 125) .....	6

**SOPHOMORE**

Select 2 from OHLD 220, 230, 231, or 280 .....	6
Agriculture and Natural Resources290 .....	3
Select 1 from Psychoeducational Studies 210; Public Relations 270; Forestry Wildlife and Fisheries 211; 250 .....	3
Biology 250 .....	4
Economics 201 .....	4
Plant and Soil Sciences 210 .....	3
Speech 210 or 240 .....	3
<sup>2</sup> Historical Studies Elective .....	3
<sup>2</sup> Humanities Elective .....	3

**JUNIOR**

Select 4 from OHLD 320, 330, 340, 350, 360, 370, 380, 390 or 391 .....	10-12
OHLD 492 .....	3
Select 1 from Philosophy 342; Agric. and Extension Educ. 346; Journalism 310 .....	3
Select 2 from Botany 309,330; Entomology and Plant Pathology 313, 321, 410; Plant and Soil Sciences 334 .....	6
<sup>2</sup> Social Science Elective .....	3
<sup>2</sup> Writing or Speech Elective .....	3
<sup>2</sup> Humanities Elective .....	3

**SENIOR**

Select from OHLD 410, 430, 440, 450,451, 460, 480, 485, 493, 494 or 499 .....	6-11
OHLD 490 .....	1
<sup>2</sup> OHLD 426 .....	3
<sup>2</sup> Historical Studies Elective .....	3

<sup>2</sup>Integrative Studies Elective. .... 3  
<sup>2</sup>Technical Electives ..... 11-19

Total: 132

<sup>1</sup>A two-semester General Biology series may be substituted for Botany only if taken before entering OHL D.

<sup>2</sup>Lists of appropriate electives are available and should be selected in conference with academic advisor.

## **PLANT AND SOIL SCIENCES (792)**

### Change in Degree Name

from: Bachelor of Science in Agriculture (p. 53 UG catalog)  
to: Bachelor of Science in Plant and Soil Sciences

Rationale: The Plant and Soil Sciences encompass a broad range of disciplines and career paths, many of which are not agricultural in nature. Our most popular concentration, Environmental Sciences and Natural Resources, has produced many students who work for environmental consulting firms, environmental divisions within companies, and other non-agricultural enterprises. Students themselves have been asking for this change for several years now. Also, in the Fall of 1998, an Academic Program review of the Department by both internal UTK and external reviewers recommended that we change the degree name to better reflect this wide range of career potentials. Further justification of this move stems from efforts nationally to enhance the visibility of Plant and Soil Sciences, especially Soil Sciences, by the Soil Science Society of America. Several states now have professional licensing programs for Soil Scientists, and a National Certification exam is now in place. The soil science discipline encompasses environmental, as well as agricultural, areas, and the current degree name does not reflect the breadth of this discipline. Certainly, this move is designed to better market our program to prospective students, many of whom no longer come from rural and/or agricultural backgrounds. This change does not put a new degree program in place, it simply renames an existing degree program. The Department has graduated, on average, 33 undergraduate students per year over the past five years (range of 20 to 44), which is certainly enough to warrant our own degree program.

There is precedent for this change in the College. Currently, out of 10 BS degree programs in the College, four are identified by the area served by the unit (ABE, Forestry, Wildlife and Fisheries, and OHL D). Note also that this is in no way a move away from agriculture, rather a step to include the many non-agricultural natural resource areas that some of our graduates gravitate to upon graduation. Indeed, this move is in concurrence with the title of the College: Agricultural Sciences and Natural Resources. Much of the emphasis in soil sciences is in the natural resources area. Therefore, a BS degree in Plant and Soil Sciences encompasses this wide emphasis.

**Effective Date: Fall 2000**

## **PLANT AND SOIL SCIENCES (792)**

Correction of Department name on page 53 of catalog (majors, minors, concentration)

From: Plant and Soil Science  
To: Plant and Soil Sciences

**Effective Date: Fall 2000**

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Change of Major Name on page 53 of catalog

From: Plant and Soil Science  
To: Plant and Soil Sciences

**Effective Date: Fall 2000**

On page 67 of the 1999-2000 Undergraduate Catalog, revise as follows:

Under the Senior Year Course Requirement listing

From: Plant and Soil Sciences 401, 437.....4  
To: Plant and Soil Sciences 401, 435.....4

Rationale: Typographical error. Correct course is 435. 437 does not exist.

**Effective date: Fall 2000**

On page 68 of the 1999-2000 Undergraduate Catalog, revise as follows:

In the Science/Technology Electives listings

**From:**

PLANT AND SOIL SCIENCES ELECTIVES:

Plant and Soil Sciences 230, 311, 315, 413, 414, 415, 431, 432, 433, 437, 453

Directed Technical Electives:

Biological Sciences

Biology 140, 250

Biochemistry 310, 410, 419

Botany 305, 330, 346, 412, 431, 451

Microbiology 310, 319, 440, 449, 470

Public Health 310

Zoology 403, 404, 465, 470, 380

Physical Sciences/Math/Data Management

Biochemistry 471

Chemistry 310, 319, 360, 369

Geography 310, 334, 411, 412, 434

Geology 310, 370, 450, 460, 485

Math 231, 241, 251, 405

Physics 122, 221, 222

Statistics 251, 252, 261, 302, 321, 411

**To: (changes in formatting, course numbers, and additions of electives to listings)**

PLANT AND SOIL SCIENCES ELECTIVES:

Plant and Soil Sciences 230, 311, 315, 413, 414, 415, 431, 432, 433, 435, 453

**DIRECTED TECHNICAL ELECTIVES:**

Biological Sciences

Biology 130, 140, 250

Biochemistry 310, 410, 419

Botany 305, 330, 403, 404, 412, 431, 451

Ecology and Evolutionary Biology 380, 403, 431, 446, 460, 470, 474, 484

Entomology and Plant Pathology 313, 321, 325, 410

Microbiology 310, 319, 440, 449, 470

Public Health 310

Physical Sciences/Math/Data Management

Biochemistry and Cellular and Molecular Biology 471, 481

Chemistry 310, 319, 320, 360, 369, 471, 481

Geography 310, 334, 411, 412, 413, 434

Geology 310, 370, 450, 460, 485

Math 231, 241, 251, 405

Physics 222

Statistics 251, 252, 261, 302, 321, 411

Effective: Fall 2000

On page 68 of the 1999-2000 Undergraduate Catalog, revise as follows:  
In the Management/Consulting Concentration Electives listings

From:

Plant and Soil Sciences Electives:

Plant and Soil Sciences 230, 412, 413, 414, 415, 431, 432, 433, 436, 453

To:

Plant and Soil Sciences Electives:

Plant and Soil Sciences 230, 412, 413, 414, 415, 431, 432, 433, 435, 453

**Effective: Fall 2000**

On page 68 of the 1999-2000 Undergraduate Catalog, revise as follows:

In the Environmental Science and Natural Resources Concentration Electives listings

From:

**DIRECTED TECHNICAL ELECTIVES:**

Soil (Land) Resources Group

Biosys. Engineering 315

Biosys. Engineering Technology 212, 442

Botany 330, 431

Chemistry 310, 319

Plant and Soil Sciences 292, 315, 412, 415, 432, 433

Geography 310, 411, 412, 413, 434

Geology 102, 103, 202, 310, 450, 455

Lower Division Physics

Plant (Biological) Resources Group

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Biology 140, 240  
Botany 310, 320, 321, 330, 431  
Chemistry 310, 319  
Entomology and Plant Pathology 313  
Forestry 311  
FWF 317  
Geography 439  
Plant and Soil Sciences 331, 334, 353, 431, 433, 436, 437, 453  
Lower Division Physics

Water Resources Group  
Biosystems Engineering 315  
Biosystems Engineering Technology 442  
Chemistry 310, 319  
Geography 310, 334, 411, 412, 413, 434, 436  
Geology 485  
Ecology 470, 471, 474  
Plant and Soil Sciences 315, 415, 433  
Lower Division Physics

To: (formatting and course changes)

DIRECTED TECHNICAL ELECTIVES:

Soil (Land) Resources Group  
Biosys. Engineering 315  
Biosys. Engineering Technology 212, 442  
Botany 330, 431  
Chemistry 310, 319, 320, 360, 369, 471, 481  
Plant and Soil Sciences 292, 315, 412, 414, 415, 432, 433  
Geography 310, 411, 412, 413, 434  
Geology 102, 103, 202, 310, 450, 455  
Lower Division Physics

Biological Resources Group  
Biochemistry 310, 410, 419  
Biology 140, 240  
Botany 310, 321, 330, 403, 404, 412, 431, 451  
Chemistry 310, 319, 320, 360, 369, 471, 481  
Ecology and Evolutionary Biology 380, 403, 431, 484  
Entomology and Plant Pathology 313, 321  
Forestry, Wildlife and Fisheries 211, 250, 311  
Geography 439  
Microbiology 310, 319, 440, 449, 470  
Plant and Soil Sciences 331, 334, 353, 431, 433, 435, 453  
Lower Division Physics

Water Resources Group  
Biosystems Engineering 315  
Biosystems Engineering Technology 442  
Chemistry 310, 319, 320, 360, 369, 471, 481  
Geography 310, 334, 411, 412, 413, 434, 436  
Geology 485  
Ecology and Evolutionary Biology 470, 474

Plant and Soil Sciences 315, 415  
Lower Division Physics

**Effective: Fall 2000**

VIII. Revise Course Title and Description

From:

**230 Introduction to Crop Science and World Crops** (3) Introduction to world crops and food production systems with emphasis on origin and development, environmental interactions, plants and human nutrition, sustainability, current technology, and practices (future role, challenges, demands, function, problems) of plant agriculture on national and international scopes. Prereq: One year biological science. 2 hours lecture and one 2-hr lab. F.

To:

**230 Introduction to Crop Science and Agroecology** (3) Introduction to world crops and food production systems. Emphasis on production terminology, origin and development, environmental interactions, plants and human nutrition, ecological processes of sustainability, current technology, and practices of crop production. Prereq: One year biological science. 2 hours lecture and one 2-hr lab. F.

**Effective: Fall 2000**

**WILDLIFE AND FISHERIES SCIENCE (993)**

Add:

350 Wildlife Damage Management (3)  
Principles and methods for wildlife damage management including biological, regulatory, practical, and social considerations. Weekend field trips (2) required. Prerequisite: FWF 317, or consent from instructor. 3 hours and 1 lab or field. Sp

**Effective Fall 2000**

**Rationale:**

There are growing concerns about damage caused by wildlife. Increased conflicts between humans and wildlife will continue as human populations expand and multiple land-use becomes more critical. Society needs trained professional natural resources managers who understand the biological and sociological factors necessary to solve human-wildlife problems. Therefore, "Wildlife Damage Management" will be an important part of students' training in Fisheries and Wildlife Science and will be required as part of the core curriculum. To be taught by Dr. Lisa Muller, a new faculty member.

**Course Outline:**

- I. Introduction to wildlife damage management.
- II. Who is responsible for wildlife damage management.  
USDA Wildlife Services, TWRA, Private operators
- III. Regulations for wildlife damage management.  
Federal Laws, State Laws
- IV. Review of selected principals of wildlife management.  
Population dynamics, Animal Behavior



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- V. Overview of control methods and materials.
  - Habitat modification
  - Exclusion techniques
  - Reproductive inhibitors, Lethal control techniques
- VI. Public health and safety concerns
  - Zoonotic diseases
  - Airline and highway safety and wildlife
- VII. Economic losses and wildlife damage
  - Agricultural damage
  - Forestry damage
- VIII. Decision-making for wildlife damage management
  - Stakeholder groups
  - Special interest groups

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THE UNIVERSITY OF TENNESSEE  
KNOXVILLE



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Office of the Dean

College of Architecture and Design  
1715 Volunteer Boulevard  
Knoxville, Tennessee 37996-2400  
Phone (865) 974-5267  
Fax (865) 974-0656  
[www.arch.utk.edu](http://www.arch.utk.edu)

January 4, 2000

Dear Members of the Undergraduate Council,

I am pleased to submit curriculum changes for the two professional undergraduate programs in the College of Architecture and Design. These are minor modifications which improve both degree programs.

The School of Architecture has submitted two basic proposals. A change in the history requirement, which affects our freshmen, updates our curriculum and gives our students more leeway in the selection and timing of history electives. Within the professional program, we have expanded student choice in the upper level, with more specialized design studio course options. The overall degree credit hour requirements have not changed. This curriculum proposal has strong faculty support and passed with a vote of 17 – 2.

The Interior Design Program has submitted a series of minor changes in credit hours and pre-requisites which represent a continued refinement of the major curriculum change approved in 1997. We have reduced the credit hours for the summer internship practicum, while other credit hours have been modified to more accurately reflect the program emphasis. Text changes have been made. The overall degree credit hour requirements have not changed. This proposal had the unanimous support of the four full time faculty in the Program.

All of these changes are to be effective in the Fall 2000. Enclosed is both a hard copy and the requested disk. A separate disk is submitted with the Interior Design changes. Please call me with any questions, and we will be pleased to be present at the Undergraduate Council Meeting.

With best wishes,

A handwritten signature in black ink, appearing to read "Marleen Kay Davis".

Marleen Kay Davis

Dean

College of Architecture and Design

**UNIVERSITY OF TENNESSEE  
COLLEGE OF ARCHITECTURE AND DESIGN  
CURRICULUM PROPOSAL TO BE EFFECTIVE FALL 2000:                      BACHELOR OF ARCHITECTURE**

**CURRICULUM CHANGES EFFECTIVE FALL 2000 (DEGREE CREDIT HOURS REMAIN CONSTANT)**

**1. FRESHMAN HISTORY REQUIREMENT CHANGED**

- |           |  |
|-----------|--|
| Eliminate | Requirement for History 241-242(6ch) or 261-262(6ch)   |
| Add       | Elective Requirements for 6ch in History               |
| Eliminate | Pre-requisite Requirement of Hist 251-252 for Arc 211. |

This change gives students more choice to pursue personal interests. Previously, a specific history course requirement (for Western or World Civilization Hist 241-2 or 261-261) in the First Year had been instituted to better prepare students for required Architectural History (211,212) in the following year. This requirement has become difficult to implement because freshman are no longer able to enroll in 200 level History courses.

**2. FIFTH YEAR DESIGN STUDIO OPTIONS EXPANDED**

- |                       |   |
|-----------------------|---|
| Eliminate Requirement | Arc 482, 6ch  |
| Change Requirement    | Design Course Option 12 ch, (formerly Design Course Elective, 6ch)<br>Take two Design Course Options from the following:<br>Architecture 481, 482,483, 484, 485, 486, or 489<br>(Formerly 482 was not included in this list.) |
| Change Prerequisite   | 471 in new prerequisite for Arc 481, 483, 484, 485, 486, or 489<br>(Former prerequisite was 472)<br>Add to note in curriculum:<br>students may take 472 at any time in their last three semesters.                            |

This change gives upper level student more choice to pursue a wide variety of learning opportunities within the College. Once students have completed the rigorous "Integration Studio" (corequisite courses 471 and 431 in the Fall of their Fourth Year for 9 credits), they have much more opportunity for more specialized design topics in their final three semesters. The Design Studio Options, which can be taken in any sequence, include:

- \* Arc 472 (This studio involves a complex program and is required of all students, to be taken at any time. Other Design Studio Options may meet this requirement.)
- \* Interdisciplinary Design Studios related to such topics as Interior Design, Business, or Structures.
- \* Special Topic Studios such as Historic Preservation, Sustainability, Structural Innovations, or Urban Design.
- \* Off campus semester at College sponsored programs in Krakow, Chattanooga, or Memphis.
- \* Off campus semester as part of another program or exchange program
- \* Comprehensive Design Project

**UNIVERSITY OF TENNESSEE  
COLLEGE OF ARCHITECTURE AND DESIGN  
CURRICULUM PROPOSAL TO BE EFFECTIVE FALL 2000:**

**BACHELOR OF ARCHITECTURE**

<b>EXISTING CURRICULUM</b> <i>Changes in Italics</i> Courses	CH	<b>PROPOSED CURRICULUM</b> <b>Changes in BOLD</b> Courses	CH	Note to explain Nature of change
<b>FIRSTYEAR</b>		<b>FIRSTYEAR</b>		
Architecture 101, 102	5	Architecture 101, 102	5	ELIMINATE, see note 2  CHANGE CH.
Architecture 121, 122	4	Architecture 121, 122	4	
Architecture 171, 172 (see note 1)	7	Architecture 171, 172 (see note 1)	7	
English 101, 102	6	English 101, 102	6	
<i>History 241-242 or 261-262</i>	6			
Mathematics 125 or elective (see note 4)	3	Mathematics 125 or elective (see note 4)	3	
Elective (see note 2)	3	<b>Electives</b> (see note 2)	9	
<b>SECOND YEAR</b>		<b>SECOND YEAR</b>		
Architecture 211, 212	6	Architecture 211, 212	6	
Architecture 232	3	Architecture 232	3	
Architecture 271, 272 (see note 1)	12	Architecture 271, 272 (see note 1)	12	
Architecture 231	3	Architecture 231	3	
Physics 101, 135, 137, or 161	3	Physics 101, 135, 137, or 161	3	
Electives (see note 2)	9	Electives (see note 2)	9	
<b>THIRD YEAR</b>		<b>THIRD YEAR</b>		
Architecture 213	3	Architecture 213	3	
Architecture 312	3	Architecture 312	3	
Architecture 331, 332	8	Architecture 331, 332	8	
Architecture 341, 342	8	Architecture 341, 342	8	
Architecture 371, 372 (see note 1)	12	Architecture 371, 372 (see note 1)	12	
<b>FOURTH YEAR</b>		<b>FOURTH YEAR</b>		
Architecture 431	3	Architecture 431	3	
Architecture 471, 472 (see note 1)	12	Architecture 471, 472 (see note 1, 3)	12	
Electives (see note 2)	18	Electives (see note 2)	18	
<b>FIFTH YEAR</b>		<b>FIFTH YEAR</b>		
Architecture 462	4	Architecture 462	4	INCREASE CH ELIMINATE
Architecture 480	3	Architecture 480	3	
<i>Design Course Elective (See notes 1, 3)</i>	6	<b>Design Course Option (See notes 1, 3)</b>	12	
<i>Architecture 482 (See note 1)</i>	6			
Electives (See Note 2)	15	Electives (See Note 2)	15	
<b>NOTES</b>		<b>NOTES</b>		
1. Students are not allowed to enroll simultaneously in two of these design courses		1. Students are not allowed to enroll simultaneously in two of these design courses		
2. Electives consist of: 6 hours in Social Sciences, 12 hours in Architecture, 15 hours outside School of Architecture, 15 hours open/free electives. These may be taken in any order of preference.		2. Electives consist of: 6 hours in Social Sciences, <b>6 hours in History</b> , 12 hours in Architecture, 15 hours outside School of Architecture, 15 hours open/free electives. These may be taken in any order of preference.		Students are still required to take history electives, not only Western Civ or World Civ.
3. <i>One course</i> from the following: Architecture 481, 483, 484, 485, 486, or 489.		3. <b>Two courses</b> from the following <b>Design Studio Options:</b> Architecture 481, 482, 483, 484, 485, 486, or 489. <b>472 may be taken at any time in the last three semesters.</b>		Student choice expanded.
4. Students are exempt from Mathematics 125 with a score of 25 or higher on the calculus readiness test.		4. Students are exempt from Mathematics 125 with a score of 25 or higher on the calculus readiness test.		

**UNIVERSITY OF TENNESSEE  
COLLEGE OF ARCHITECTURE AND DESIGN  
CURRICULUM PROPOSAL TO BE EFFECTIVE FALL 2000:                   INTERIOR DESIGN**

**CURRICULUM CHANGES EFFECTIVE FALL 2000 (DEGREE CREDIT HOURS REMAIN CONSTANT)**

Change Text	Progression requirements, page 72 2. Cumulative grade point average in the major of 3.0 or greater in the following ID courses: 141, 171, 200, 221, 271, 272, 231, 261, with no grade below a "C" Insert 221       Delete 260
Revise credit hours	271 (6ch)       (formerly 5ch) Fundamentals of Interior Design I 272 (6ch)       (formerly 5ch) Fundamentals of Interior Design II 371 (6ch)       (formerly 5ch) Intermediate Interior Design I 372 (6ch)       (formerly 5ch) Intermediate Interior Design II 400 (2ch)       (formerly 3ch) Proxemics
Change credit hours	420 (3ch)       Practice summer internship requirement (formerly 12, reduced to 6 ch in 1997, shown as 12 on page 72, but only counted as 6 for total hours.)
Move	Required Elective (Art) from 3rd year to 4th year.

Note:  
Revise credit totals in curriculum list as necessary. (Page 72)  
The overall hours for graduation remain 135 / 136.

Explanation  
The changes include necessary corrections to the curriculum and to the catalog.  
The addition of 1 hour to each of the design studios (ID 271, 272, 371, 372) is the four hours gained by reducing ID 420 from 6 hours to 3 and the correction of ID 400 from 3 hours to 2.

## INTERIOR DESIGN PROGRAM

On page 72 of the 1999-2000 Undergraduate Catalog, revise Interior Design Progression Review

From:

### PROGRESSION

Upon admission to The University of Tennessee, Knoxville, and the College, students may begin the ID major. Progression into third year occurs after completion of ID 272.

For progression into third year, students must meet the following criteria:

1. Cumulative grade point average of 2.3 or greater.
2. Cumulative grade point average in the major of 3.0 or greater in the following ID courses: 141, 171, 200, 271, 272, 231, 261, 260, with no grade below a "C".
3. Portfolio Review accepted by faculty.
4. Successful interview following completion of ID 272.

For retention, student must meet the following criteria.

1. Before enrolling in any ID course, grade of "C" or better must be made in each prerequisite required ID course.
2. Cumulative grade point average of 2.3 or greater.
3. Grade of "I" must be removed before registration for next ID course.

For graduation from the Interior Design program students must meet the following criteria:

1. Grade of "C" or better in all ID courses.

TO:

2. Cumulative grade point average in the major of 3.0 or greater in the following ID courses: 141, 171, 200, 221, 271, 272, 231, 261, with no grade below a "C."

Insert: 221

Delete: 260

Effective Date: Fall 2000

On page 72 of the 1999-2000 Undergraduate Catalog, revise Interior Design Curriculum as follows:

From:

<b>First Year</b>	<b>Hours Credit</b>
Architecture 101, 121, 122	7
Architecture 171, 172	7
Interior Design 141, 171	5
Mathematics 119	3
English 101, 102	6
<sup>1</sup> Social Science Elective	3
<b>Second Year</b>	
Interior Design 271, 272, 231, 261, 200	18
Interior Design 221	2
Art 172, 173	6
Physics 101, 135, 137, or 161 and one other	
<sup>2</sup> Natural Science	6-7

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**Third Year**

Interior Design 371, 372, 311, 312, 431, 360	22
Architecture 342	4
TS 220	3
<sup>1</sup> Social Science Elective	3
<sup>3</sup> Elective (Art)	3

**Summer (ID 420) 6**

**Fourth Year**

Interior Design 400, 471, 472, 480	17
------------------------------------	----

**<sup>4</sup>History Elective 3**

**Elective 5**

**<sup>5</sup>Electives (Business, Ornamental Horticulture, Theatre, and Urban Studies) 3**

**<sup>6</sup>Elective (Professional Elective) 3**

**Total: 135-136 hours**

<sup>1</sup>Select 3 hours from Psychology, Sociology, Anthropology, or Economics 201 (if you plan to take Business as an elective). Suggested courses: Anthropology 110, 130; Sociology 110, 120; Psychology 110, 210, 370; Economics 201.

<sup>2</sup>Select Physics 121 (required) and one other science, such as Astronomy 151, Botany 110, Biology 110, Chemistry 120, Geology 101, Physics 122.

<sup>3</sup>Select any Art, Art Ceramics, Art Design/Graphic, Art Drawing, Art Media/Photography, Art Painting, Art Printmaking, or Art Sculpture.

<sup>4</sup>Select any History course.

<sup>5</sup>Select from Business, Ornamental Horticulture and Landscape Design, or Theatre, Suggested courses: Ornamental Horticulture Landscape Design 230; Theatre 355, 455, 456; International Business 311; Urban Studies 250, 323 (same as Geography 323), 401 (same as Planning 401), 402 (same as Planning 402).

<sup>6</sup>Select from Interior Design or approved Architecture courses.

To:

**Second Year**

Interior Design 271, 271, 231, 261, 200	<b>Hours Credit</b>
Physics 161 (Formerly: 101, 135, 137 or 161)	20 (Formerly: 18)

**Third Year**

Interior Design 371, 372, 311, 312, 431, 360	24 (Formerly: 22)
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Move: Art Elective (3) to Fourth Year

**Summer (ID 420)**

**3 (Formerly: 6)**

**Fourth Year**

Interior Design 400, 471, 472, 480	16 (Formerly: 17)
Add: <sup>3</sup> Art Elective (3)	3

(Place Art before History so superscript stays the same)

Effective Date: Fall 2000

Revise Credit Hours

Interior Design (582) – page 194

271 Fundamentals of Interior Design I (6) (Formerly: 5)

272 Fundamentals of Interior Design II (6) (Formerly: 5)

371 Intermediate Interior Design I (6) (Formerly: 5)

372 Intermediate Interior Design II (6) (Formerly: 5)

400 Proxemics (2) (Formerly: 3)

420 Practice (3) (Formerly: 12, but counted only 6 on page 72 for total hours)

Effective Date: Fall 2000

**Note:** The changes include necessary corrections to the curriculum and to the catalog. The addition of 1 hour to each design studio (ID 271, 271, 371, 372) is the four hours gained by reducing ID 420 from 6 hours to 3 and the correction of ID 400 from 3 hours to 2. **The overall hours for graduation remain 135/136.**





College of Arts and Sciences  
Office of the Dean  
226 Ayres Hall  
Knoxville, Tennessee 37996-1320  
(865) 974-5331  
Fax: (865) 974-4352

MEMORANDUM

TO: Linda Tober, Undergraduate Council

FROM: ~~Anne Mayhew~~, Associate Dean for Academic Programs

DATE: December 10, 1999

The attached curricular proposals have been approved by the faculty of the College of Arts & Sciences and are submitted to the Undergraduate Council for their consideration. These proposals may be summarized as:

- 1) **Revisions to College core curriculum.** The key revisions are a) revised statements of purpose; b) stricter Math requirements that will require all students to take at least one Math, Computer Science or Logic course to satisfy basic skills requirement; c) an increase in the number of upperdivision hours required from 40 to 42; d) deletion of the proposition that allowed up to 6 hours in the major to be used to satisfy upper level distribution requirements; e) simplification of lists of courses that may be used to satisfy the Humanities Divisional requirement.
- 2) Several **courses are added to Distribution requirements**; two are **dropped from the Upper Level Distribution list** as consequence of other changes described below.
- 3) **Anthropology** requests revision of progression requirements, addition of a course to the upper level distribution requirements, and conversion of one 3-hour course to a 4-hour course.
- 4) **Art** requests addition of a progression standard for Graphic Design that would require resubmission of the portfolio if courses that follow acceptance into the major are not completed in timely manner. They also request addition of statement that the portfolio review can be repeated.
- 5) **BCMB** requests revision of the BCMB concentration and related changes in courses so that a two-course sequence and a laboratory course are added, two courses are dropped, cross-listing of human anatomy is dropped, prerequisites of several courses are revised, and the description of two courses are changed.

Advising Services  
220 Ayres Hall  
Knoxville, TN 37996-1325  
(865) 974-4483

Academic Outreach  
226 Ayres Hall  
Knoxville, TN 37996-1320  
(865) 974-4676

Development Office  
226 Ayres Hall  
Knoxville, TN 37996-1320  
(865) 974-2365

- 6) **Botany** requests revision of Division of Biology statement about honors majors to include a new honors major in Plant Biology and addition of statement of requirements for that major.
- 7) **Chemistry** requests deletion of Computer Science 102, clarification of Math requirement, revise the Bachelor of Science requirement to include Chemistry 240 and to require BCMB 410, revise description of one course and change prerequisites of two others.
- 8) **Classics** requests addition of a minor track in Classical Civilization, and deletion of the prerequisite for 233.
- 9) **Computer Science** requests revision of the description of one course.
- 10) **English** requests revision of the title and description of two courses.
- 11) **Geography** requests revision of description of one course and the addition of this course to the Upper Level Distribution list.
- 12) **Geological Sciences** requests revision of the minor, and addition of one course to the Upper Level Distribution list.
- 13) **History** requests revision of title and description of two courses, revision of description of two others, the addition of 3 courses and deletion of two. The additions and deletions require revision of UL Distribution lists.
- 14) **Interdisciplinary Programs: Environmental Studies** requests revision of the major to specify Biology 130-140 rather than 101-102 or 130-140, to drop Zoology listing, and to avoid use of the confusing word "minor" to describe part of the major requirement.
- 15) **Math** requests revision of the list of courses that may be used for the minor and revision of the requirements for the major to allow use of two Computer Science courses as upper division math electives.
- 16) **Music** seeks to abolish the Junior Music Exam, to add a new category of courses under the heading **Music Technology**, to reclassify three courses; to Revise the curricula in Voice, Sacred Music, Theory/Composition, Studio Music and Jazz, Music Education-Instrumental Emphasis (both 4 and 5 year options), Music Education-Wind/Percussion Emphasis (4 and 5 year options), Music Education-String Emphasis (4 and 5 year options), Music Education - Vocal/General (4 and 5 year options), Music Education- Vocal/General/Keyboard Emphasis (4 year option); to add 6 1-hour courses, one 3-hour course and one 2-hour course, to revise description and title of one course; to revise description, title and credit hours of 4 courses; to revise description of one course; and to revise description and credit hours of one course. In **Music History** they propose dropping one course. In **Music Keyboard** the proposal is to revise description and prerequisite of 4 courses; in **Music Performance** one course will be dropped; in **Music Theory** the description of two courses will be changed. In **Music Voice** the proposal is to add one course and to revise the description and credit hours of two others.
- 17) **Philosophy** proposes the addition of three courses and dropping of one.
- 18) **Physics** seeks to revise the description of the B.S. Major to clarify the distinction between the applied and academic concentrations and to revise the description of two courses.
- 19) **Political Science** proposes that one course be added and one course dropped.
- 20) **Psychology** seeks to revise the description of the major with a General Concentration to clarify the number of upperdivision hours of Psychology required. They also propose addition of an Honors Program, with the addition of four courses to support this program.
- 21) **Sociology** proposes revision of the concentration in Environmental and Society and the addition of one course.
- 22) **Theatre** proposes that one course be dropped.

## **ARTS AND SCIENCES CURRICULAR PROPOSALS UNDERGRADUATE COUNCIL JANUARY 20, 2000**

On page 74 of the 1999-2000 Undergraduate Catalog delete the entire sections REQUIREMENTS FOR DEGREES and PROGRAMS LEADING TO BACHELOR OF ARTS AND BACHELOR OF SCIENCE DEGREES and replace with the following:

### **REQUIREMENTS FOR DEGREE**

To earn a Bachelor of Arts or Bachelor of Science degree these requirements must be completed:

1. All University degree requirements as described in the section on "Academic Policies and Regulations: General Requirements for A Bachelor's Degree;"
2. A minimum of 124 credit hours;
3. At least 42 credit hours in courses numbered 300 or above;
4. Appropriate work to satisfy basic skill and distribution requirements, counting no course in more than one area. (This is not a requirement in the College Scholars Program);
5. Completion of at least one major (24-40 credits at 200 level or above for B.S. major and 24-37 credits at 200 level or above for B.A. majors); up to 6 hours in the major may be used, where listed, to satisfy basic skills or divisional distribution requirements. Courses used for the major may not be used to satisfy upper level distribution requirements.

Students may choose to develop one or more minors (minimum 15 hours at the 200 level and above); and Students may take up to 20 hours of courses graded Satisfactory/No Credit in an area outside the major or minor, basic skills or distribution requirements.

### **PROGRAMS LEADING TO BACHELOR OF ARTS AND BACHELOR OF SCIENCE DEGREES**

The Bachelor of Arts and the Bachelor of Science Degrees share the same program of Basic Skills and Distribution Requirements (except where noted otherwise).

#### **BASIC SKILLS REQUIREMENTS.**

All students who earn a degree in the College of Arts and Sciences must have demonstrated skill in the use of the English language, the ability to acquire another language, and the ability to use the tools of quantitative analysis or formal logic. The specific requirements are as follows:

1. **English Composition.** Skills necessary to write persuasive, logical and coherent essays in English; to read critically texts from a variety of media; to evaluate and cite sources in research; and to be aware of how to write for different audiences and purposes.

Students may meet this requirement in one of two ways

- a. By completing six credits in English writing courses, either: (a) English 101 and 102 (English Composition); (b) English 118 (Honors: English Composition) and English 102 (English Composition); (c) English 131 and 132 (Composition for Non-Native Speakers of English). [Students who obtain a grade of A or B in 118 may complete their freshman requirement with 102, or with a sophomore literature course in the English Department, or English 355 Rhetoric and Writing. The sophomore literature course may (if so listed) also be used toward the Humanities distribution requirement.]

b. By earning a score of 4 or 5 on the College Board Advanced Placement Test in Literature and Composition. (Credit in English 101 is earned with a score of 4 or 5 on the Advanced Placement Test in Language and Composition.)

[ Placement information: Eligibility for English 118 (Honors: English Composition) will be determined by ACT or SAT scores and a placement exam. Selected students will be placed in English 103 (Writing Workshop) based on ACT or SAT scores and may not drop this course without departmental approval.) (Details available from the English Department.) NOTE: A student must complete the English Composition requirement prior to enrolling in English courses numbered 200 or higher.]

**2. Foreign Language.** Skills necessary to learn the basic structures and vocabulary of a foreign language; to read, write, understand, and, for modern languages, speak a foreign language; to understand how to learn another language; to better understand one's own native language; and to complement the study of other cultures or civilizations.

Students may meet this requirement in one of three ways:

a. Completion of the intermediate level sequence of a foreign language. Any one of the following sequences will satisfy the requirement:

Asian Languages 231-232 Intermediate Chinese I, II

Asian Languages 251-252 Intermediate Japanese I, II

Asian Studies 221-222 Intermediate Modern Standard Arabic I, II

Asian Studies 241-242 Intermediate Modern Hebrew I, II

Asian Studies 261-262 Intermediate Persian I, II

French 211-212 Intermediate French or 217-218 Honors: Intermediate French

German 201-202 Intermediate German

Greek (Classics) 261 Intermediate Greek: Grammar Review and Readings and 264 Intermediate Readings in Greek

Italian 211-212 Intermediate Italian

Latin (Classics) 251 Intermediate Latin: Grammar Review and Readings and 252 Intermediate Latin: Virgil's *Aeneid*.

Portuguese 211-212 Intermediate Portuguese

Russian 201-202 Intermediate Russian

Spanish 211-212 Intermediate Spanish; 217-218 Honors: Intermediate Spanish.

b. Demonstration of competence on a waiver or proficiency examination or by AP or CLEP credit.

c. Students whose native language is not English may satisfy the requirement with English 131 and 132 and any two courses from List A: Literature under the Humanities Distribution Requirement.

[Placement information: All students who wish to enroll in a French, German, Latin or Spanish course, who have completed at least two years of this language in high school and who have not yet taken a college course in the language must take a UTK placement examination before enrolling. Placement in the appropriate course will be determined by the score on the examination. Examinations will be given during summer orientation and at designated times during the fall, spring and summer. Students who place into 200 or 300 level courses will receive six hours of elementary language credit, but may not subsequently enroll and receive credit for any 100 level course in the same language. Under no circumstances may any student earn more than six hours of language placement examination credit. Students who feel they have been inappropriately placed should consult the appropriate language section.]

**3. Mathematics, Formal Reasoning, and Logic.** Skills in Mathematics, formal reasoning and computing required for estimation and calculation, understanding logical processes, critical analysis, problem solving and decision making.

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Students may meet this requirement by completion of one of the following courses:

Any course in Mathematics numbered 110 or higher  
Computer Science 100: Introduction to Computers and Computing  
Philosophy 130: Critical Thinking or Philosophy 135: Formal Logic.

**DISTRIBUTION REQUIREMENTS:** All of these requirements are designed to enhance the skills of thinking critically and analytically, and of effective communication and writing through study and use of different kinds of human knowledge. The distribution requirements are in two parts, **Part A: Divisional Distribution** requirements, which require students to take courses in the various divisions of the College, and **Part B: the Upper-Level Distribution Requirements.**

**PART A: Divisional Distribution Requirements**

1. **NATURAL SCIENCE:** A two-course laboratory sequence and an additional two-course sequence that will introduce students to the increasingly important role of science and technology in all aspects of modern life. This requirement will introduce students to the basic discoveries, knowledge and logical organization of scientific disciplines and to development and testing of hypotheses. Laboratory courses will develop skills in experimental tests of hypotheses; lectures will introduce students to the role of scientific methodology and problem-solving in society.

Students may meet this requirement by completion of a two-course sequence from list (A) and an additional two-course sequence or package from List A or List B.

List A.:

Astronomy 161-162: Introductory Astronomy with Laboratory  
Astronomy 217-218: Honors: Introductory Astronomy  
Biology 101-102: Humankind in a Biotic World  
Biology 130: Biodiversity and 140: Organization and Function of the Cell  
Botany 110-120 General Botany  
Chemistry 100: Principles of Chemistry and 110: Introduction to Organic and Biochemistry  
Chemistry 120-130: General Chemistry  
Chemistry 128-138: Honors: General Chemistry  
Geography 131-132: Geography of the Natural Environment  
Geology 101: The Dynamic Earth and either 102: Earth, Life and Time or 103: The Earth's Environments  
Geology 107: Honors: The Dynamic Earth and 108: Earth, Life, and Time  
[Students who earn an A in 101 or a B or better in 107 may take 108; all other students should complete the sequence with 102 or 103.]  
Physics 135-136: Introduction to Physics for Physical Science and Mathematics Majors  
Physics 137-138: Honors: Fundamentals of Physics for Physics Majors  
Physics 221-222: Elements of Physics

List B:

Anthropology 110: Human Origins and 210: Principles of Biological Anthropology.  
Astronomy 151-152: Introductory Astronomy.  
Botany 306: Genetics and Society (Same as Anthropology 306) or 309: Biology of Human Affairs or 310: Plant Morphology or 330 Field Botany  
Chemistry 150: Chemistry and Society and Chemistry 160: Chemistry and the Home.  
Computer Science 102: Introduction to Computer Science and either 140: Data Structures or 160: Computer Organization  
Geology 201: Biodiversity: Past, Present, and Future and 202: Earth as an Ecosystem: Modern Problems and Solutions

Mathematics: Any two Mathematics courses numbered 110 or higher

Microbiology 210: General Microbiology and Biochemistry, Cellular and Molecular Biology

230 Human Physiology (Same as Ecology and Evolutionary Biology 230).

Physics 101-102: How Things Work

Statistics 201 Introduction to Statistics and any Mathematics course numbered 110 or higher except

Mathematics 115 (If Mathematics 115 is used to satisfy Basic Skills or Natural Science requirements, Statistics 201 may not be selected to meet this requirement.)

## 2. SOCIAL SCIENCE

Courses that will introduce students to the idea of individuals in societies, to perspectives and methods used by social scientists, and to the uses of these perspectives and methods in thinking about current social, economic and political issues and problems.

Bachelor of Arts students may meet this requirement by completion of four courses selected from the list below. These courses must be from two departments. Bachelor of Science students must complete two courses from at least two departments.

African and African-American Studies 201-202: Introduction to African and African-American Studies

Anthropology 120: Prehistoric Archaeology

130: Cultural Anthropology

362: Principles of Archeology

Audiology and Speech Pathology 320: Speech and Language Development

Botany 305: Socio-Economic Impact of Plants

Economics 201: Introductory Economics: A Survey Course

207: Honors Introductory Economics

Geography 101-102: World Geography

320: Cultural Geography: Core Concepts

323: Behavioral Geography

Human Services 220: Introduction to Human Services

Linguistics 200: Language, Linguistics and Society

Music History 310: Introduction to African American Music (Same as African and African-American Studies 310)

290: Introduction to World Music

Political Science 101: United States Government and Politics

102: Introduction to Political Science

107: Honors: United States Government and Politics

Psychoeducational Studies 210: Psychoeducational Issues in Human Development

Psychology 110: General Psychology

220: Behavior and Experience: Humanistic Psychology

Religious Studies 232: Varieties of Religious Community (Same as Sociology 232)

301: Religious Myth, Symbol and Ritual

Sociology 110: Social Problems and Social Change

120: General Sociology

344: Power in Society

370: Social Psychology

Speech Communication 100: Introduction to Speech Communication

220: Interpersonal Communication

260: Communication and Society

330: Group Communication

Women's Studies 220: Women in Society

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3. HUMANITIES

Courses that will provide skills to appreciate and interpret literary, philosophical, or religious texts, and to participate as an appreciative observer or artist in a discipline within the visual, spatial, musical, theatrical, or written arts.

Bachelor of Arts students may meet this requirement by completion of three courses, of which at least one must be selected from List A and one from List B. Bachelor of Science students must complete a minimum of 6 credits from the courses listed; not more than 3 credits may be taken from List C. All courses except those involving practice of the arts are writing-emphasis courses.

List A: Literature

- Asian Languages 311: Chinese Literature in English Translation
- 312: Chinese Literature in English Translation
- 313: Japanese Literature in English Translation
- 314: Japanese Literature in English Translation
- Classics 253: Greek Literature in English Translation
- 254: Roman Literature in English Translation
- Comparative Literature 202: Crosscultural Perspectives in World Literature
- 203: Crosscultural Perspectives In World Literature
- English 201: British Literature I: Beowulf through Johnson
- 202: British Literature II: Wordsworth to the Present
- 221: Literature of the Western World I: Ancient, Medieval and Renaissance
- 222: Literature of the Western World II: Enlightenment, Romantic and Modern
- 231: American Literature I: Colonial Era to the Civil War
- 232: American Literature ii: Civil War to the Present
- 233: Major Black Writers.
- 251: Introduction to Poetry
- 252: Introduction to Drama
- 253: Introduction to Fiction.
- 254: Themes in Literature
- Information Sciences 330: Books and Related Materials for Children
- Italian 401: Dante and Medieval Culture
- 402: Petrarch and Boccaccio.
- Medieval Studies 261: Medieval Culture: Readings from the Early Middle Ages, 500-1000
- 262: Medieval Culture: Readings from the Later Middle Ages, 1000-1500
- Religious Studies 312: Religious Aspects of Biblical and Classical Literature
- 313: Religious Aspects of Modern Literature.
- Russian 221: Rebels, Dreamers, and Fools: The Outcast in 19<sup>th</sup> Century Russian Literature
- 222: Heaven or Hell: Utopias and Dystopias in 20<sup>th</sup> Century Russian Literature
- Spanish 291: Spanish Literature in English Translation.
  
- Women's Studies 210: Images of Women in Literature: Biography and Autobiography
- 215: Images of Women in Literature: Fiction, Poetry, Drama

List B: Philosophical and Religious Thought

- Classics 201: Introduction to Classical Civilization
- 221: Early Greek Mythology;
- 222: Classical Greek and Roman Mythology

Philosophy 110: The Human Condition: Values and Reality  
111: The Human Condition: Knowledge and Reality  
240: Ethics  
342: Business Ethics  
344: Professional Responsibility (Same as Religious Studies 344)  
345: Medical Ethics (Same as Religious Studies 345)  
349: War and Morality  
380: The Concept of Woman (Same as Women's Studies 380)  
382: Philosophy of Feminism (Same as Women's Studies 382)  
Religious Studies 101: World Religions in History  
102: The Comparison of World Religions  
321: New Testament Origins  
322: Christian Thought

List C: Study or Practice of the Arts

Architecture 111 Architecture and the Built Environment.  
Art 191 Introduction to Studio Art: Various Media  
Classics 232: Archaeology and Art of Ancient Greece  
233: Archaeology and Art of Etruria and Rome  
English 263: Introduction to Creative Writing  
Music History 115: Music in the United States  
Music Theory 100: Fundamentals of Music  
Music History 110: Introduction to Music in Western Culture, 120 History of Rock.  
Philosophy 350: Aesthetics  
353: Philosophy and Literature.  
Speech Communication 280: Introduction to Oral Interpretation  
Theatre 100: Introduction to Theatre  
220: Acting  
245: Basic Stage Costuming  
250: Introduction to Scenery Technology  
260: Fundamentals of Lighting and Sound Production.  
Women's Studies 330: Women in Music. (Same as Music History 330.)

4. NON-U.S. HISTORY: A course sequence to enhance appreciation of the diversity of the world's societies, their cultures, and histories. This requirement will develop understanding of how the past shapes individuals and communities in practical decisions and in understanding of self and world; will contribute to skills in explaining change and continuity of human society and the interpretation of people, events and trends in context of the ideas, values, social and political conditions that affect them.

Students may meet this requirement by completion of one of the following sequences. All courses are writing-emphasis courses.

African and African American Studies 235-236: Introduction to African Studies  
Asian Studies 101-102: Asian Civilization  
History 241-242: Development of Western Civilization  
History 247-248 : Honors: Development of Western Civilization  
History 261-262: A History of World Civilization.  
Latin American Studies 251-252: Introduction to Latin American Studies.  
Medieval Studies 201-202: Medieval Civilization.



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PART B: UPPER LEVEL DISTRIBUTION REQUIREMENTS

Courses that use skills and knowledge acquired in the Basic Skills and Divisional Distribution areas to understand and analyze a highly interdependent world system and to make informed comparisons among contemporary cultures. These courses develop understanding of U.S. society, of national and international diversity, and of critical issues of the modern world.

Bachelor of Arts students may meet this requirement by completion of two courses from one of the lists below and a third course from either of the other lists. Bachelor of Science students must complete two courses from two of the three lists. All courses are writing-emphasis courses.

**List A: United States Studies**

African and African-American Studies 364: Contemporary Issues in African-American Education

429: History and Philosophy of African-American Education

480: African-American Communities in Urban America

483: African-American Women in American Society (Same as Women's Studies 483).

American Studies 310: Introduction to American Studies.

Anthropology 310: North American Indians

312: Appalachian Culture

315: African-American Anthropology (Same as African and African-American Studies 315)

320: American Cultures

321: Indians of Northwest North America

360: North American Prehistory.

Art History

471: History of North American Art

472: History of 20th century American Art

473 :19th Century American Painting.

483: History of American Sculpture

Economics 413: Macroeconomic Fluctuations

435: Industrial Organization Analysis

462: Economics of Resources and Environmental Policy

471: Public Finance: Optimal Government Functions and Expenditure Analysis

472: Public Finance: Taxation and Intergovernmental Relations.

English 331: Race and Ethnicity in American Literature

332: Women in American Literature (Same as Women's Studies 332)

333: Black American Literature and Aesthetics

334: Film and American Culture (Same as American Studies 334)

Geography 361: Regional Geography of the United States and Canada

363: Geography of the American South

365: Geography of Appalachia

423: Geography of American Popular Culture (Same as American Studies 423)

425: Historical Geography of the United States

441: Urban Geography of the United States

443: Rural Geography of the United States.

Geology 303: Geology of National Parks.

History 359: History of the US Economy

442: Indian-White Relations in United States History

446: History of American Culture

451: United States Military History, 1754 to the Present

453: Women in American History (Same as Women's Studies 453)

454: Cities and Urbanization in American History

Music History 350: History of Jazz (Same as African-American Studies 350)  
Philosophy 390: Philosophical Foundations of Democracy.  
Political Science 311: Contemporary Issues in American Public Policy  
    312: Popular Culture and American Politics (Same as American Studies 312 and Cinema Studies 312)  
    330: Law in American Society  
    374: American Political Thought.  
Psychology 434: Psychology and Gender (Same as Women's Studies 434).  
Religious Studies 351: Introduction to Religion in the United States  
    352: African-American Religion in United States (Same as African-American Studies 352)  
    355: Religion and Culture in the United States.  
Sociology 310: American Society  
    340: Class Structure  
    343: Race and Ethnicity (Same as African-American Studies 343)  
    455: Society and Law.  
Speech Communication 450: Propaganda  
    466: Rhetoric of the Women's Rights Movement to 1930 (Same as Women's Studies 466)  
    469: Freedom of Speech  
    476: Rhetoric of the Contemporary Feminist Movement. (Same as Women's Studies 476)  
Theatre 313: American Theatre.  
Women's Studies 310: Emergence of the Modern American Woman  
    340: Women, Politics, and the Law

#### **List B: Foreign Studies**

NOTE: This list is subdivided by geographic area and topic. If Western Civilization (History 241-242) or Medieval Civilization (Medieval Studies 201-202) are used to satisfy the non-United States History divisional requirement, courses from the European concentration may not be used to satisfy this requirement.

In addition to the courses listed here this requirement may be satisfied by literature courses taught in Chinese, French, German, Greek, Hebrew, Italian, Japanese, Latin, Portuguese, Russian, Sanskrit, or Spanish. Literature courses in English translation will not meet this requirement.

#### **Africa**

African and African-American Studies: 421 Comparative Studies in African and African-American Societies.  
Geography 379: Geography of Africa (Same as African and African-American Studies 379).  
History 371: African History (Same as African and African-American Studies 371)  
    372: African History (Same as African and African-American Studies 372)  
    381: History of South Africa (Same as African and African-American Studies 381).  
Political Science 452: Black African Politics (Same as African and African-American Studies 452).  
Religious Studies 373: African Religions (Same as African and African-American Studies 373 and Anthropology 373).

#### **Asia**

Art History 411: Art of Indian Asia  
    415: Chinese Art  
    419: Japanese Art  
History 362: History of East Asia  
    363: History of East Asia  
    364: History of China  
    365: History of Japan.  
Political Science 454: Government and Politics of China and Japan.  
Religious Studies 374: Philosophy and Religion in India (Same as Philosophy 374)

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- 376: Buddhist Philosophy and Religion (Same as Philosophy 376)
- 379: Religion and Philosophy in China (Same as Philosophy 379)
- 383: Religion in Japan
- 474: Modern and Contemporary South Asian Religion

**Europe**

- Anthropology 462: Early European Pre-history.
- Art History 425: Early Christian and Byzantine Art to 1350
  - 431: Medieval Art of the West, 800-1400
  - 441: Northern European Painting, 1350-1600
  - 442: Art of Northern Europe, 1600-1675
  - 451: Art of Italy, 1250-1450
  - 452: Art of Italy, 1450-1575
  - 453: Art of Southern Europe, 1575-1700
  - 475: History of 19th Century Painting and Sculpture in Europe
  - 476: History of 20th Century Painting and Sculpture in Europe.
- Classics 331: Archaeology of the Aegean Bronze Age and Early Greece
  - 334: Cities and Sanctuaries of the Greek and Roman World
  - 381: Greek Civilization
  - 382: Roman Civilization
  - 383: Women in the Greek and Roman World (Same as Women's Studies 383).
- English 301: British Culture to 1660
  - 302: British Culture: 1660 to Present
  - 401: Medieval Literature.
- French 420: French Cinema
  - 431: Highlights of French Civilization
  - 432: Contemporary French Culture.
- Geography 371: Geography of Europe
  - 375: Geography of Russia and the Commonwealth of Independent States.
- German 323: German Film
  - 350: German-Jewish Topics in Literature and Culture
  - 363: Modern German Culture.
- History 319: Modern Europe, 1750-1914
  - 320: Contemporary Europe, 1900-present
  - 323: Deviance and Persecution in the Christian West, 1100-1700
  - 429: Medieval Intellectual History
  - 432: Women in European History (Same as Women's Studies 432).
- Italian 414: Italian Cultural Studies
  - 421: Topics in Italian Literature and Cinema.
- Medieval Studies 403: Seminar in Medieval Studies.
- Philosophy 320: Ancient Western Philosophy
  - 322: Medieval Philosophy
  - 324: Seventeenth- and Eighteenth-Century Philosophy
  - 326: Nineteenth- and Twentieth-Century Philosophy.
- Political Science 361: Politics in Western Democracies
  - 459: Government and Politics of Russia and Eastern Europe
- Russian 325: Russian Film
  - 371: Martyrs, Mobs, and Madmen in Russian Culture: 988-1861
  - 372: Eros, Death and Resurrection and Modern Russian Culture
- Spanish 431: Spanish Civilization.

### **Latin America**

- Anthropology 313: Peoples and Cultures of Mesoamerica (Same as Latin American Studies 313)
- 319: Caribbean Cultures and Societies (Same as African and African-American Studies 319 and Latin American Studies 319).
- Economics 424: Political Economy of World Development
- Geography 372: Geography of Middle America (Same as Latin American Studies 372)
- 373 : Geography of South America (Same as Latin American Studies 373).
- History 360: History of Latin America: Colonialism and Independence
- 361: History of Latin America: National Development
- 460: History of Brazil
- 461: Cuban Revolution in Historical Perspective
- 462: History of Mexico;
- 463: Modern Latin American History in Film
- 475: Studies in Latin American History
- Political Science 355: Latin American Government and Politics
- Spanish 401: Cultural Plurality and Institutional Changes in Latin America  
(Same as Latin American Studies 401)
- 471: Latin American Civilization (Same as Latin American Studies 471)

### **Middle East**

- Anthropology 463: Rise of Complex Civilizations
- History 369: History of the Middle East (Same as Judaic Studies 369)
- 370: History of the Middle East (Same as Judaic Studies 370)
- Religious Studies 311: Ancient Hebraic Religious Traditions (Same as Judaic Studies 311)
- 332: Classical Islam
- 333: Islam in the Modern World
- 381: Introduction to Judaism (Same as Judaic Studies 381)
- 385: Contemporary Jewish Thinkers (Same as Judaic Studies 385)
- 405: Modern Jewish Thought (Same as Judaic Studies 405)

### **Critical Issues in Foreign Studies**

- Economics 323: Economic Development (Third World)
- History 374: A history of Imperialism since 1850
- 375: Revolutions in Historical Perspective
- 395: The Crusaders and Medieval Christian-Muslim Relations
- Political Science 350: Political Change in Developing Areas
- 365: Introduction to International Relations
- Religious Studies 371: Eastern Religions and Western Thought
- Sociology 442: Comparative Patterns of Poverty and Development
- 446: The Modern World System
- Women's Studies 360: Women in Cross-Cultural Perspective

### **C. Capstone Courses**

These courses are offered within major fields and are designed to provide an integrative experience to broaden comprehension of the major field, to enhance understanding of how the field has and continues to influence society, and to draw attention to ethical considerations applicable to the field. As writing emphasis courses the capstones promote development of written communication skills used by the major field. It is recommended that this option be satisfied during the senior year.

**NOTE:** If used to satisfy the upper-level distribution requirement these courses may not be used to satisfy the major requirement.

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African and African-American Studies 431: Research Seminar in African-American Studies  
Audiology and Speech Pathology 499: Senior Seminar in Communication Sciences and Disorders  
Biochemistry and Cellular and Molecular Biology 409: Perspectives in BCMB  
420: Advanced Topics in BCMB  
Botany 471: Senior Seminar  
Chemistry 405: Topics in the Development of Chemistry  
Computer Science 411: Senior Thesis I  
Computer Science 412: Senior Thesis II  
Ecology and Evolutionary Biology 409: Perspectives in Ecology and Evolutionary Biology  
Economics 499: Analysis of Economic Problems  
English 499: Senior Seminar  
French 440: Capstone Experience in French  
Geography 499: Proseminar in Geography  
Geology 440: Field Geology  
475: Physical and Chemical Systems of the Earth  
History 482: Colloquium in History  
Human Services 430: Working Within the System  
Mathematics 411: Mathematical Modeling  
400: History of Mathematics  
Microbiology 495: Senior Seminar  
Music History 460: Music Aesthetics  
Physics 401: Background of Physics  
402: Forefront of Physics  
Psychology 430: Health Psychology  
496: Senior Seminar: Great Ideas in Psychology  
Spanish 459: Capstone Colloquium in Spanish  
Urban Studies 460: Senior Seminar

**ADD TO SOCIAL SCIENCE DISTRIBUTION REQUIREMENTS**

Psychology 117 Honors General Psychology  
360 Social Psychology

**ADD TO UPPER LEVEL DISTRIBUTION REQUIREMENTS**

a. United States Studies

Anthropology —363 Prehistory of Tennessee  
Geological Sciences —381 Minerals and Energy Resources  
History —350 Colonial America  
351 The American Revolution  
459 Jefferson's America

b. Foreign Studies

Africa

History—371-372 African History (Same as African and African-American Studies 371-372)

Europe

History—490 - Internship in the Center for the Study of War and Society

Critical Issues

Geography—345 Population and Environment—Critical Issues

DROP FROM UPPER LEVEL DISTRIBUTION REQUIREMENTS

a. United States Studies

History—440 Society and Record  
455 The Life Cycle in America

**ANTHROPOLOGY**

On page 83, col. 3, of the Undergraduate Catalog 1999-2000, under the heading PROGRESSION STANDARDS, revise anthropology major course distribution from:

1b archaeological area: 360, 461, 462, 463

To:

1b archaeological area: 360, 462, 463

On page 83, col. 3, of the Undergraduate Catalog 1999-2000, under the heading PROGRESSION STANDARDS, revise anthropology major course distribution from:

1c cultural area: 310, 311, 312, 313, 314, 315, 319

To:

1c cultural area: 310, 311, 312, 313, 315, 319

Add to Upper Level Distribution:

363 Prehistory of Tennessee (3)  
Archaeological principles and theory illustrated in history of archaeological research in Tennessee and through survey of prehistoric Indian cultures from initial occupation of the state to European contact. Recommended: 360. Writing emphasis course. U.S. Studies course.

Revise credit hours:

485 Oral Biology (4)  
(Formerly 3)

**ART**

On page 85, column 1 of the 1999-2000 Undergraduate Catalog under BFA in Graphic Design, add a "Progression Standards" statement following the last paragraph.

Add:

Students must complete 351 and 356 with a grade of C or better by the end of the second fall semester following successful completion of Portfolio Review (350). If 351 and 356 are not successfully completed in this time, the student must resubmit a portfolio to regain entrance into the junior program. Resubmission of the portfolio must occur during the scheduled spring portfolio review.

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**ART DESIGN/GRAPHIC**

Add repetition:

Course 350 Graphic Design Portfolio Review (0)  
May be repeated.

**BIOCHEMISTRY and CELLULAR and MOLECULAR BIOLOGY**

On page 87 of the 1999-2000 Undergraduate Catalog under D: Concentration Area Requirements, revise requirements for Biology major, BCMB concentration from:

Biochemistry and Cellular and Molecular Biology (BCMB): Additional prerequisite: Computer Science 100. The concentration consists of Chemistry 350-360-369, BCMB 410, and at least 20 additional credit hours selected from BCMB courses numbered 300 or above (except BCMB 310), or from the following courses in other departments: Microbiology 310-319, 410, 411, 420-429, 430, 440; Botany 321, 404; EEB 350, 360, 460; Chemistry 431. At least two of the 20 credit hours must be selected from the following laboratory courses: BCMB 403, 419, 449 and 452. At least three of the 20 credit hours must be selected from the following physiology courses: BCMB 440, Botany 321, and Microbiology 310.

To:

Biochemistry and Cellular and Molecular Biology (BCMB): Additional prerequisite: Computer Science 100. The concentration consists of Chemistry 350-360-369, BCMB 401-402, and at least 18 additional credit hours selected from BCMB courses numbered 300 or above (except BCMB 310 and 410), or from the following courses in other departments: Microbiology 310-319, 410, 411, 420-429, 430, 440; Botany 321, 404; EEB 350, 360, 460. At least two of the 18 credit hours must be selected from the following laboratory courses: BCMB 403, 416, 419, 429 and 452, and Biology 401. At least three of the 18 credit hours must be selected from the following physiology courses: BCMB 440, Botany 321, and Microbiology 310. No more than 9 of the 18 credit hours may be in non-BCMB courses.

Add:

401- 402      Biochemistry-Molecular Biology I, II (3,3)  
A two-course sequence providing in-depth coverage of biochemistry and molecular biology, intended for Biology majors concentrating in BCMB, but also open to Biology majors in other concentrations. First semester covers amino acid structure and chemistry, protein structure and chemistry, protein folding, enzyme behavior and function, reaction mechanisms, catabolism and energy transfer, synthetic metabolism including photosynthesis, and protein transport. Second semester covers structure of DNA and RNA, experimental methods of analyzing nucleic acids, mechanisms of RNA and protein synthesis, mechanisms of DNA replication, repair and recombination, chromosome structure and function, regulation of gene expression, genome structure and genomics, and mechanisms of biological regulation. Prerequisites: Biology 240, Chemistry 350-360-369.

Add:

429      Cell Biology Laboratory (3) A series of open-ended, discovery-based exercises will be developed to design and test new drugs using modern cell biology and computer technologies. Experimental modules include techniques used in cell isolation, purification, culturing, fluorescent microscopy, receptor binding and signal transduction, apoptosis, cell cycle analysis, protein and steroid secretion, computer modeling, and state-of-the-art electron microscopy. Students will actively participate in experiment design, execution, data analysis, and peer evaluation. Prereq or Coreq: 401 or 410. F

Drop:

412 Molecular Biology (3)

Drop:

449 Laboratory in Physiology (2)  
Prereq or Coreq: 440 or 445.

Drop Crosslisting:

240 Human Anatomy (3) (Same as EEB 240).

Revise prerequisites:

330 Animal Development and Embryology (3)  
Recommended prereq: Biology 140, 240.  
(Formerly: Recommended prereq: Biology 210, 220.)

411 Advanced Cellular Biology (3)  
Prereq: 401 or 410  
(Formerly: Prereq: 410)

415 Foundations in Neurobiology (3)  
Prereq or Coreq: Physics 221-222; Chemistry 120, 130; Biology 140.  
( Formerly: Prereq or Coreq: Physics 221-222; Chemistry 120, 130; Biology 210. F)

419 Cellular and Comparative Biochemistry Laboratory (2)  
Prereq or Coreq: 401 or 410.  
(Formerly Prereq or Coreq: 410.)

421 Cell and Tissue Structure and Function (4)  
Prereq: Biology 140.  
(Formerly: Prereq: Biology 210.)

440 General Physiology (3)  
Prereq: Biology 140. Coreq: Organic Chemistry. Recommended prereq: Physics 221-222  
(Formerly: Prereq: Biology 210. Coreq: Organic Chemistry. Recommended prereq:  
Physics 221-222)

Revise prerequisite:

465 Human Genetics (3)  
Prereq: Biology 240.  
(Formerly: Prereq: Biology 220.)

Revise description from:

310 Physiological Chemistry (4)  
Biochemical principles underlying physiological events in animals. Metabolism of carbohydrates, lipids, proteins, and nucleic acids. Role of vitamins and minerals as coenzyme and prosthetic groups. Action of drugs and hormones. Prereq: Chemistry 100-110 or 120-130. Biology 110-20 or BCMB 230. Not available for credit if credit has been previously received for BCMB 410 or 420. F. (Same as Nutrition 310.)



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To:

- 310 Physiological Chemistry (4)  
Biochemical principles underlying physiological events in animals. Metabolism of carbohydrates, lipids, proteins, and nucleic acids. Role of vitamins and minerals as coenzyme and prosthetic groups. Action of drugs and hormones. Prereq: Chemistry 100-110 or 120-130. Biology 130-40 or BCMB 230. Not available for credit if credit has been previously received for BCMB 401 or 410 or 420. Credit cannot be counted toward BCMB concentration. F. (Same as Nutrition 310.)

Revise description and prerequisite from:

- 410 Cellular and Comparative Biochemistry (4)  
Electrolyte behavior, chemistry and structure of proteins; enzyme behavior and biological function; catabolism and energy capture; synthetic metabolism; nucleic acid function; protein synthesis, and biochemical genetics; regulation of biological processes. Prereq: Chemistry 350-360-369 and Biology 140-240, 3 hours and 1 discussion. F, Sp

To:

- 410 Cellular and Comparative Biochemistry (4)  
Electrolyte behavior, chemistry and structure of proteins; enzyme behavior and biological function; catabolism and energy capture; synthetic metabolism; nucleic acid function; protein synthesis, and biochemical genetics; regulation of biological processes. Prereq: Chemistry 350-360-369 and Biology 140-240, 3 hours and 1 discussion. Not available for credit if credit has previously been received for BCMB 401. Credit may not be applied toward BCMB concentration. Sp.

## **BOTANY**

On page 86 of the 1999-2000 Undergraduate Catalog, column 3, revise C. Honors major from:

C. Honors major: An honors option is presently available in Biochemistry and Cellular and Molecular Biology; Ecology and Evolutionary Biology; and Microbiology concentration areas. Requirements for honors options are listed with the appropriate concentration areas.

To:

C. Honors major: An honors option is presently available in Biochemistry and Cellular and Molecular Biology; Ecology and Evolutionary Biology; Microbiology; and Plant Biology concentration areas. Requirements for honors options are listed with the appropriate concentration areas.

On page 87 of the 1999-2000 Undergraduate Catalog, column 2 under Plant Biology. Add the following sentence:

Requirements for an honors option are as follows: a) Maintain a GPA of 3.5 in all the 300-level and above courses from concentration and an overall GPA of 3.2; b) Pass a minimum of 4 hours of Botany 441-442 (undergraduate research) during the junior and senior year; and c) Write a senior thesis that is acceptable to the student's committee. Students interested in pursuing an honors option should contact the Botany office for details.

## CHEMISTRY

On page 88 of the 1999-2000 **Undergraduate Catalog**, column 2, revise from:

Prerequisites to the major are Chemistry 120-130 or 128-138, computer science 102, and Mathematics 141-142 or 151-152. Corequisite to major is Physics 221-222, 135-136, or 137-38.

**The major consists** of Chemistry 310, 319, 350-360, 369, 471-481 or 473-483, 479, and 10 hours of additional work in chemistry that includes at least one laboratory course or lecture/laboratory course; up to 6 hours of Biochemistry and Cellular and Molecular Biology 410-420 or Geology 460 may be applied to the 10-hour requirement.

For students planning careers in Chemistry, the recommended courses (from the list above) are Mathematics 141-42, Physics 135-136 or 137-138, and Chemistry 473-483; although not required, certain additional courses are strongly suggested for students planning to become chemists: Mathematics 231-241 and Chemistry 230, 320, 329, and 406....

To:

Prerequisites to the major are Chemistry 120-130 or 128-138 and Mathematics 141-142 or 151-152. Corequisite to the major is Physics 221-222, 135-136, or 137-38.

**The major consists** of Chemistry 240, 310, 319, 350-360, 369, 471-481 or 473-483, 479, and 10 hours of additional work in chemistry that includes at least one laboratory course or lecture/laboratory course; up to 6 hours of Biochemistry and Cellular and Molecular Biology 410-420 or Geology 460 may be applied to the 10-hour requirement.

For students planning careers in Chemistry, the recommended courses (from the list above) are Mathematics 141-42, Physics 135-136 or 137-138, and Chemistry 473-483; although not required, certain additional courses are strongly suggested for students planning to become chemists: Mathematics 241 and Chemistry 230, 320, 329, and 406....

On page 88 of the 1999-2000 Undergraduate Catalog, revise the curriculum requirements and associated footnote 4 of the Bachelor of Science in Chemistry Curriculum from:

### **Sophomore**

Computer Science 102	4
Chemistry 230	3
Chemistry 350-360	6
Chemistry 369	2
Mathematics 231-241	7
Physics 135-136 or 137-138	8-10
<sup>2</sup> Distribution	3

### **Junior**

Chemistry 310-320	6
Chemistry 319-329	3
Chemistry 473-483	6
Chemistry 479-489	4
<sup>2</sup> Distribution	9
<sup>3</sup> Electives	3

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**Senior**

Chemistry 430	3
Chemistry 406	1
Chemistry 400	3
<sup>4</sup> Chemistry Electives	6
<sup>2</sup> Distribution	9
<sup>3</sup> Electives	9

Total: 126-132 hours

and following the above summary, revise

<sup>4</sup>to be chosen from Chemistry 400, 401, 408, 450, 484, and 490, or BCMB 410.

To:

**Sophomore**

Chemistry 240	2
Chemistry 230	3
Chemistry 350-360	6
Chemistry 369	2
Mathematics 241 and either 231 or 251	7
Physics 135-136 or 137-138	8-10
<sup>2</sup> Distribution	3

**Junior**

Chemistry 310-320	6
Chemistry 319-329	3
Chemistry 473-483	6
Chemistry 479-489	4
<sup>2</sup> Distribution	9
<sup>3</sup> Electives	3

**Senior**

Chemistry 430	3
Chemistry 406	1
Chemistry 400	3
BCMB 410	4
<sup>4</sup> Chemistry Electives	3
<sup>2</sup> Distribution	9
<sup>3</sup> Electives	9

Total: 125-131 hours

and following the above summary, revise:

<sup>4</sup>to be chosen from Chemistry 400, 401, 408, 450, 484, and 490.

Add:

240 Chemical Programming (2)

Use of the computer in solving problems encountered in chemistry. Required of and limited to chemistry majors. Prereq: 130 or 138. 1 hour and 1 lab. Sp

Revise description from:

- 369 Organic chemistry Laboratory (2)  
Experiments on topics discussed in 350-60. Coreq. 360. One 5-hour lab. E

To:

- 369 Organic chemistry Laboratory (2)  
Experiments on topics discussed in 350-60. Coreq. 360. 1 hour lecture and 4-hour lab. E

Revise Prerequisite:

- 430 Advanced Inorganic Chemistry (3)  
Prereq: 230 (Formerly: Prereq: 230. Prereq or Coreq: 481 or 483)
- 490 Introductory Polymer Chemistry (3)  
Prereq: 360. Prereq or Coreq: 471 or 473 (Formerly: Prereq: 360. Prereq or Coreq: 481 or 483)

## CLASSICS

On page 89, col. 1 of the 1999-2000 Undergraduate Catalogue, following the description of the major concentration in Classical Civilization, add this paragraph:

Add:

A minor track in Classical Civilization.

The Classical Civilization minor consists of 18 hours including Classics 201 plus any 6 hours drawn from the following: Classics 221-222; 232-233; 253-254. The remaining 9 hours may be drawn from Greek 261-264, Latin 251-252, or any Classics course numbered 300 or above, or from History 310, 311, 366, or Philosophy 320.

Delete prerequisite:

- 233 Archaeology and Art of Etruria and Rome (3)  
( Formerly: Prereq: 232 or consent of instructor.)

## COMPUTER SCIENCE

Revise description from:

- 380 Theory of Computation (3)  
Recursive functions, Turing machines, computability, halting problems, Godel theorem.  
Prereq: 140, 160, and 311.

To:

- 380 Theory of Computation (3)  
Countability and diagonalization. Finite automata and regular sets. Push-down automata and context-free languages. Introduction to Turing machines and undecidability. Prereq: 140, 160, and 311.

## ENGLISH

Revise title and description from:

- 416 Victorian Poetry and Prose I (3)  
Tennyson, Pre-Raphaelites, Carlyle, Newman, and Mill.

To:

- 416 Early Victorian Literature (3)  
May include poetry by Tennyson and the Brownings; prose by Carlyle, Newman, and Mill.

Revise title and description from:

- 419 Victorian Poetry and Prose II (3)  
Browning, Arnold, Hopkins, Hardy, Ruskin, Darwin, and Wilde.

To:

- 419 Later Victorian Literature (3)  
May include poetry by the Pre-Raphaelites, Arnold, Hopkins, and Hardy; prose by Arnold, Ruskin, and Carroll; plays by Gilbert and Wilde.

## GEOGRAPHY

Revise description from:

- 345 Population and Environment (3)  
Global and local patterns of population distribution and change as they relate to culture, economic development, technology, and the environment and the future. Prereq: 101-102 or consent of instructor.

To:

- 345 Population and Environment (3)  
Global and local patterns of population distribution and change as they relate to culture, economic development, technology, and the environment and the future. Prereq: 101-102 or consent of instructor. Writing-emphasis course.  
*Add to Basic Skills: Critical Issues in Foreign Studies*

## GEOLOGICAL SCIENCES

On page 91 of the 1999-2000 Undergraduate Catalog, revise Geological Sciences curriculum from:

**Minor requirement consists of:** Prerequisites: Geology 101 and 102 or 103. Geology courses: at least 16 hours of courses numbered 300 or higher.

To:

**Minor requirement consists of:** Prerequisites: Geology 101 and 102 or 103. Geology courses: at least 16 hours of courses numbered 300 or higher, *excluding 303 and 401. A maximum of 3 hours of 493 may be counted toward the minor.*

Add to Distribution Requirement (U.S. Studies):

- 381 Minerals and Energy Resources: Geologic constraints and Environmental Impacts (3)  
Distribution and estimates of mineral and energy resources. Environmental impact of exploitation and utilization of conventional and alternate resources. No prerequisite. Writing-emphasis course.

## HISTORY

Revise title and description from:

- 350-351 Early America, 1607-1815 (3,3)  
A thematic approach to early American history in the formative years; 350-1776; 351-1776 to 1815.

To:

- 350 Colonial America to 1763 (3)  
Social and cultural developments in the American colonies from the point of contact between Europeans and Native peoples through the mid-eighteenth century. Writing emphasis course.  
*Add to Basic Skills - UL Distribution: U.S. Studies*
- 351 The American Revolution, 1763-1789 (3)  
The growing estrangement of the American colonies from the British Empire, the War for Independence, and the creation of a new American republic. Writing emphasis course.  
*Add to Basic Skills - UL Distribution: U.S. Studies*

Revise description from:

- 371- 372 African History (3,3)
- 371 Ethnic Groups of the southern and western regions of sub-Saharan Africa and the conflict and change occurring there from 1000 A.D. through the World War I era in 1919.
- 372 Dynamics of African independence since 1919. Achievement of independence by west African nations and the failure of Africans in the south to achieve that goal. Issues of urbanization, industrialization, and formation of a nationality identity within the twentieth-century African context. Writing-emphasis course. (Same as African and African-American Studies 371-372). Writing emphasis course.

To:

- 371-372 African History (3,3)
- 371 Survey of sub-Saharan Africa from 700-1700. State creation, trade, spread of Islam.
- 372 Dynamics of Africa's encounter with Europe from 1500 to the present. Slave trade, colonial, and independence eras. Writing emphasis course. (Same as African and African-American Studies 371-372)

Add:

- 459 Jefferson's America, 1789-1815 (3)  
Nation-building in the United States from the Constitution to the War of 1812. Economic modernization, the new national government, the first political party system, foreign relations, the changing status of women, the growth of cities, and changing ideas about deference, class, and community. Writing emphasis course.  
*Add to Basic Skills - UL Distribution: U.S. Studies*
- 489 Oral Histories of War and Peace (3)  
Oral history methodologies and interviews with veterans and others who have shaped modern American military history. Special focus on World War II, the Korean War. History 451, U.S. Military History, is recommended but not required.
- 490 Internship in the Center for the Study of War and Society (3)  
A structured field work experience in public history at a research center documenting modern U.S. military history, including special projects such as grant writing, interviewing, and archival processing. Prerequisite: Consent of the Director of the Center for the Study of War and Society. May be repeated. Maximum 6 hours.  
*Add to Basic Skills/Distribution - Foreign Studies, Europe*

Drop:

- 440 Society and Record (3)  
*Drop from Basic Skills - UL Distribution: U.S. Studies*
- 455 The Life Cycle in America (3)  
*Drop from Basic Skills - UL Distribution: U.S. Studies*

## INTERDISCIPLINARY STUDIES

### ENVIRONMENTAL STUDIES

On page 93, column 1 of the 1999-2000 Undergraduate Catalog under prerequisites to a B.A. Major

Revise description from:

Prerequisites to a B.A. major in Environmental Studies are: Biology 101-102 or 130-140; or Botany 110-120; or Zoology 117-118; Chemistry 120-130; Geology 101; Geography 131; Mathematics 123-125 or 141-142 or 151-152; and Economics 201.

To:

Prerequisites to a B.A. major in Environmental Studies are: Biology 130-140; or Botany 110-120; Chemistry 120-130; Geology 101; Geography 131; Mathematics 123-125 or 141-142 or 151-152; and Economics 201.

On page 93, column 1 of the 1999-2000 Undergraduate Catalog revise Major Concentration from:

Major Concentration consists of two parts -- a core and a minor. The core includes: Biology 250; Sociology 360; Philosophy 346; Economics 462; Agriculture 333; one of the following: Geology 455, Geography 436, or Agricultural Engineering 340 and 341, and either Geography 334, Geography 434, or Plant and Soil Science 432. The second part of the major consists of meeting the requirements for a minor in one of the environmentally related curricula offered by the various colleges of the University. Most minors are likely to require 15-18 hours. Curricula that would be suited for an Environmental Studies major include, but are not limited to: Plant and Soil Sciences, Wildlife and Fisheries Science, Forestry, Chemistry, Geography, Geology, Botany, Zoology, Biology, Sociology, Economics, Political Science, or Business Administration.

To:

Major Concentration consists of a core and a specialty. The core includes: Biology 250; Sociology 360; Philosophy 346; Economics 462; Agriculture 333; Geology 455, Geography 436, or Plant and Soil Science 432. The specialty is satisfied by meeting the course requirements listed for a minor in any one of the environmentally related curricula offered by the various colleges of the University with a grade of "C" or better. The specialty will require 15-18 hours as specified by the chosen department. Curricula that would be suited for an Environmental Studies major include, but are not limited to: Plant and Soil Sciences, Wildlife and Fisheries Science, Forestry, Chemistry, Geography, Geology, Biology, Sociology, Economics, Political Science, Communications, or Business Administration .

## MATHEMATICS

On p. 95, col. 3 (under the **Minor** subheading), of the 1999-2000 Undergraduate Catalogue, insert the following statement immediately following "(2) nine additional hours at the 300-400 level" Insert:

(except 399,401,405,and 490).

On p. 95, col. 2, of the 1999-2000 Undergraduate Catalogue, revise the description of the major from:

**Prerequisites to the major are:** Mathematics 141-142 (or Honors version: 147-148) and 171.  
**Major requirements** consists of 37 semester hours of mathematics courses including (1) Math 231, 241 (or 247), 251 (257), 300, and (2) eight additional courses at the 300-400 level (except 399, 400, 401, 405, 411 and 490)satisfying both of the following conditions:  
(A) At least one course must be taken from each of the following categories:  
ALGEBRA: 351, 455-56 (457-58)  
ANALYSIS: 341, 445-46 (447-48)  
NUMERICAL ANALYSIS: 371, 471-72  
PROBABILITY/STATISTICS: 323, 423-24 (423-25)  
(B) At least one 400 level two-semester sequence must be taken from the list above.

To:

**Prerequisites to the major** are: Mathematics 141-142 (or Honors version: 147-148) and 171 or CS 102.

**Major requirements** consists of 37 semester hours of mathematics courses including(1) Math 231, 241 (or 247), 251 (257), 300, and (2) eight additional courses at the 300-400 level (except 399, 400, 401, 405, 411 and 490)satisfying the following conditions:



(A) At least one course must be taken from each of the following categories:

ALGEBRA: 351, 455-56 (457-58)

ANALYSIS: 341, 445-46 (447-48)

NUMERICAL ANALYSIS: 371 or CS 370, 471-72

PROBABILITY/STATISTICS: 323, 423-24 (423-25)

(B) At least one 400 level two-semester sequence must be taken from the list above. (C) CS 311 and CS 380 may be used as upper division math electives in part (2).

## MUSIC

### MUSIC

On page 98, column two and three of the Undergraduate Catalog delete the following:

All students majoring in music are required to pass the Junior Music Examination, which must be taken concurrent with or subsequent to enrollment in Music Theory 220, 240, and Music History 220. The examination consists of three sections: ear training, music theory, and music history and is administered annually in April, on the second day of Fall registration, and in October. Students may retake once on the next scheduled date any sections of the examination they do not pass initially. Students should register to retake the examination only after substantial review of the materials failed. Appeals for additional testing must be presented to the Undergraduate Committee of the School.

Students transferring into the School as majors at the junior level or above are required to pass the examination.

Add:

Category within the music listing for courses in music technology and assign a new timetable code.

MUSIC TECHNOLOGY (717)

Change the category of the following courses from Music Theory to Music Technology:

290 Sound Recording Techniques

340 Introduction to Computer Music Transcription

390 Sound Synthesis Techniques

**MUSIC**

Revise the curriculum listing for **B.M. Curriculum in Voice** from:

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music History 200	3
Music General 200	0,0
Music Performance 155	4,4
Music Ensemble	2
Music Keyboard 110, 120	2
Foreign Language	6
Music Vocal 130, 140	2
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music History 210, 220	6
Music Performance 255	4,4
Music Ensemble	2
Music Keyboard 210, 220	2
Music General 200	0
Music Vocal 230	1
Music Vocal 240, 250	4
<b>Junior</b>	
Music History 380	3
Foreign Language	6
Social Science	3
Music Theory 310	3
Music Performance 355	4,4
Music Ensemble	2
Music General 200	0
Music General 301	0
Natural Science	6
Music Education 310	3
<b>Senior</b>	
Electives	3
Electives	3
Music Vocal 410, 420	4
Music Vocal 450, 460	2
Music Performance 455	4,4
Music Ensemble	2
Music General 200	0
Music General 401	0
Non-US History	3
<b>Total:</b>	<b>133 hours</b>

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To: **B.M. Curriculum in Voice**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music History 200	3
Music General 200	0,0
Music Performance 155	4,4
Music Ensemble	1,1
Music Keyboard 110, 120	2
Foreign Language *	6
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music History 210, 220	6
Music Performance 255	4,4
Music Ensemble	1,1
Music Keyboard 210, 220	2
Music General 200	0,0
Music Vocal 230	1
Music Vocal 240, 250	4
Electives **	3
<b>Junior</b>	
Music History 380	3
Foreign Language	6
Social Science	3
Music Theory 310	3
Music Performance 355	4,4
Music Ensemble	1,1
Music General 200	0,0
Music General 301	0
Natural Science	6
Music Education 310	3
<b>Senior</b>	
Electives	3
Music Vocal 410, 420	4
Music Vocal 450, 460	2,1
Music Performance 455	4,4
Music Ensemble	1,1
Music General 200	0,0
Music General 401	0
Non-US History	6
Social Science	3
<b>Total:</b>	<b>132 hours</b>

\* Must take 1 year of two languages from French, German or Italian.

\*\* Humanities-Arts (Non-music) Literature, Philosophical Perspectives, Interdisciplinary Studies.

Revise the curriculum **B.M. in Sacred Music** from:

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music History 200	3
Music Performance 155 or 190	3,3
Music Performance	1,1
Music Ensemble	2
Music General 200	0,0
Foreign Language	6
<b>Sophomore</b>	
Natural Science	6
Music Theory 210, 220	6
Music Theory 230, 240	2
Music History 210, 220	6
Music Performance 255 or 290	3,3
Music Ensemble	2
Music Performance	1,1
Music General 200	0,0
Area Studies	2-4
<b>Junior</b>	
Religious Studies	6
Music History 380, 480, 490	9
Music Theory 310	3
Music Performance 355 or 390	3,3
Music General 200	0,0
Music General 301	0
Music Ensemble	2
Music Education 310, 320	6
<b>Senior</b>	
Non-US History	6
Area Studies	6-8
Music Education 330	3
Music Performance 455 or 490	3,3
Music General 200	0,0
Music General 401	0
Music Ensemble	2
Electives	8
 Total:	 130 hours

Organ majors take Class Voice (Music Voc 110-120) and/or Voice (Music Performance 155) Voice Majors take Class Piano (Music Kybd 110-120, 210-220) or Organ (Music Performance 190)

Organ Majors take Keyboard Harmony (Music Kybd 230) 1; Church Service Playing I (Music Kbd 240) 1; Voice majors take Functional Diction for Singers (Music Voice 425) 3.

Organ Majors take Church Service Playing II-III (Music Kybd 310-320) 1, 1 and The Organ and its Literature I-II (Music Kybd 460-470) 3,3. Voice majors take Vocal Pedagogy I-II (Music Voc 450-460) 1, 1 and Choral Literature (Music Voc 580-585) 2,2.

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To: **B.M. in Sacred Music**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance 155 or 190	3,3
Music Performance	1,1
Music Ensemble	1,1
Music General 200	0,0
Music History 200	3
Foreign Language	6
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance 255 or 290	3,3
Music General 200	0,0
Music History 210, 220	6
Music Ensemble	1,1
Music Performance	1,1
Natural Science	6
Area Studies	2-4
<b>Junior</b>	
Religious Studies	6
Music History 380, 480	6
Music Voice 490	3
Music Theory 310	3
Music Performance 355 or 390	3,3
Music General 200	0,0
Music General 301	0
Music Ensemble	1,1
Music Education 200	1
Music Education 310, 320	5
<b>Senior</b>	
Area Studies	6-8
Music Performance 455 or 490	3,3
Music General 200	0,0
Music General 401	0
Music Ensemble	1,1
Non-US History	6
Electives	11

Total: 130 hours

1. Organ majors take Class Voice (Music Voc 110-120) and/or Voice (Music Performance 155) Voice Majors take Class Piano (Music Kybd 110-120, 210-220) or Organ (Music Performance 190)
2. Organ Majors take Keyboard Harmony (Music Kybd 230) 1; Church Service Playing I (Music Kbd 240) 1; Voice majors take Functional Diction for Singers (Music Voice 425) 3.
3. Organ Majors take Church Service Playing II-III (Music Kybd 310-320) 1, 1 and The Organ and its Literature I-II (Music Kybd 460-470) 3,3. Voice majors take Vocal Pedagogy I-II (Music Voc 450-460) 2, 1 and Choral Literature (Music Voc 580-585) 2,2.

Revise the curriculum outline of the **B.M. Curriculum in Theory/Composition** from:

<b>Freshman Year</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music History 200	3
Music Keyboard 110, 120	2
Music Ensemble	2
Music General 200	0,0
Foreign Language	6
Music Theory 340	3
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music History 210, 220	6
Music Theory 250	4
Music Theory 290	3
Music Keyboard 210, 220	2
Music Theory 390	3
Music Ensemble	2
Non-U.S. History	6
Music General 200	0,0
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 320	3
Music History 380	3
Music Performance	2
Area Study**	6
Music General 200	0,0
Music Ensemble	2
Electives	6
Natural Science	6
<b>Senior Year</b>	
Music Theory 430, 440	6
Music Performance	2
Area Study**	6
Music Ensemble	2
Arts and Sciences Electives	6
Music General 200	0,0
Social Science	6
Electives	6
 Total:	 129 hours

\*\*Areas of Study

Option A: Composition: Music Performance 394, Music Performance 494, Lecture Recital Music General 411

Option B: Electronic Composition: Music Performance 395, Music Performance 495, Lecture Recital Mus Gen 411

Option C: Music Theory: Music Performance 394 or 395, Independent Study in Music Theory 493, Music History Elective (300 level and above).

\*\*\*Humanities–Arts (Non–Music), Literature, Philosophical Perspectives, Interdisciplinary Studies

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To: **B.M. Curriculum in Theory/Composition**

	<b>Hours Credit</b>
<b>Freshman Year</b>	
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music History 200	3
Music Ensemble	1,1
Music General 200	0,0
Music Keyboard 110, 120	2
Foreign Language	6
Arts and Sciences Electives	3
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Theory 294	2,2
Music Technology 290	3
Music Technology 390	3
Music History 210, 220	6
Music Ensemble	1,1
Music General 200	0,0
Music Keyboard 210, 220	2
Non-U.S. History	6
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 420	3
Music History 380	3
Music Performance	2
Area Study**	6
Music Ensemble	1,1
Music General 200	0,0
Electives	6
Natural Science	6
<b>Senior Year</b>	
Music Theory 430, 440	6
Music Performance	2
Area Study**	6
Music Ensemble	1,1
Music Education 310	3
Arts and Sciences Electives	6
Music General 200	0,0
Social Science	6
Electives	6
<b>Total:</b>	<b>129 hours</b>

\*\*Areas of Study

Option A: Composition: Music Performance 394, Music Performance 494, Lecture Recital Music General 411

Option B: Electronic Composition: Music Performance 395, Music Performance 495, Lecture Recital Mus Gen 411

Option C: Music Theory: Music Performance 394 or 395, Independent Study in Music Theory 493, Music History Elective (300 level and above).

\*\*\*Humanities–Arts (Non–Music), Literature, Philosophical Perspectives, Interdisciplinary Studies

Revise the curriculum listing of the **B.M. Curriculum in Studio Music and Jazz** from:

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance	6
Music Performance	2
Music Ensemble	2
Music General 200	0
Music History 200	3
Music History 350	3
Music Jazz 130, 140	2
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Jazz 120	2
Music Jazz 210, 220	4
Music Performance	6
Music General 200	0
Music History 210, 220	6
Music Ensemble	2
Social Science Electives	6
<b>Junior</b>	
Music History 380	3
Music Theory 310	3
Music Theory 320	2
Music Jazz 310, 320	4
Music Performance	6
Music General 200	0
Music General 301	0
Music Ensemble	2
Natural Science	6
Foreign Language	6
<b>Senior</b>	
Music Jazz 410	3
Music Jazz 420	1
Music Theory 290 or 340	3
Music Performance	6
Music Ensemble	2
Music General 200	0
Music General 401	0
Non-US History	6
Electives	12
 Total:	 131 hours



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To: **B.M. Curriculum in Studio Music and Jazz**

	<b>Hours Credit</b>
<b>Freshman</b>	
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance	6
Music Jazz 110	2
Music Ensemble	1,1
Music General 200	0,0
Music History 200	3
Music History 350	3
Music Jazz 130, 140	2
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Jazz 120	2
Music Jazz 210, 220	4
Music Performance	6
Music General 200	0,0
Music History 210, 220	6
Music Ensemble	1,1
Social Science Electives	6
<b>Junior</b>	
Music History 380	3
Music Theory 310	3
Music Theory 320	2
Music Jazz 310, 320	4
Music Performance	6
Music General 200	0,0
Music General 301	0
Music Ensemble	1,1
Natural Science	6
Foreign Language	6
<b>Senior</b>	
Music Jazz 410	3
Music Jazz 420	1
Music Technology 290 or 340	3
Music Performance	6
Music Ensemble	1,1
Music General 200	0,0
Music General 401	0
Non-US History	6
Electives	12
 Total:	 131 hours

**MUSIC EDUCATION**

Revise the following curricula outlines from:

**B.M. Curriculum in Music Education—Instrumental Emphasis (5 year alternative)**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (major instrument)	2,2
Music Ensemble	2
Music General 200	0,0
Music Education 230	2
Music History 200	3
Foreign Language	6
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music History 210, 220	6
Music Education 210	2,2
Music Education 220	2
Music Performance (minor woodwind instrument)	1,1
Music Ensemble	2
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3
<b>Junior</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music Education 350	3
Music History 380	2
Music Ensemble	6
Music Education 310, 320	2
Music Performance (minor brass instrument)	6
Social Science	3
Non-US History	3
<b>Senior</b>	
Music Performance (major instrument)	2,2
Music General 200	0,0
Music General 301	0
Music Ensemble	2
Music Education 240	2
Music Education 420	3
Music Education 430	3
Music Education 440	2
Education 400	2
Education 401	3
Education 486	3
Non-US History	3

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**Internship Year**

Music Education 575	12
Music Education 574	2
Music Education 591	4
Electives in Music Education or Music	6

Total: 125 hours plus 24 graduate hours

To: **B.M. Curriculum in Music Education—Wind/Percussion Emphasis (5 year alternative)**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (major instrument)	2,2
Music Ensemble	1,1
Music General 200	0,0
Music Education 230	1
Music History 200	3
Music Keyboard 110, 120	1,1
Foreign Language	6
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music History 210, 220	6
Music Education 210	1
Music Education 211	1
Music Education 220	1
Music Education 221	1
Music Ensemble	1,1
Psychoeducational Studies 210	3
Social Science	3
Math 115	3
<b>Junior</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music Education 350	2
Music History 380	3
Music Ensemble	1,1
Music Education 200	1
Music Education 310, 320	5
Music Education 212	1
Natural Science	3
Non-US History	3
<b>Senior</b>	
Music Performance (major instrument)	2,2
Music General 200	0,0
Music General 301	0

Music Ensemble	1,1
Music Education 240	1
Music Education 340	3
Music Education 420	3
Music Education 430	3
Music Education 440	2
Education 400	2
Education 401	3
Education 486	3
Non-US History	3
Elective	1

**Internship Year**

Music Education 575	12
Music Education 574	2
Music Education 591	4
Electives in Music Education or Music	6

Total: 124 hours plus 24 graduate hours

Revise description from:

**B.M. Curriculum in Music Education—Instrumental Emphasis (4 year alternative)**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (major instrument)	2,2
Music Ensemble	2
Music General 200	0,0
Music Education 230	2
Music History 200	3
Foreign Language	6
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music History 210, 220	6
Music Education 210	2,2
Music Education 220	2
Music Performance (minor woodwind Instrument)	1,1
Music Ensemble	2
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3
<b>Junior</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music Education 350	2

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Music History 380	3
Music Ensemble	2
Music Education 310, 320	6
Music Performance (minor brass instrument)	1,1
Social Science	3
Non-US History	3
<b>Senior</b>	
Music Performance (major instrument)	2
Music General 200	0
Music General 301	0
Music Ensemble	1
Music Education 240	2
Music Education 420	3
Music Education 430	3
Music Education 440	2
Music Education 400	12
Music Education 401	0
Education 400	2
Education 401	3
Education 486	3
Non-US History	3
Total:	134 hours

To: **B.M. Curriculum in Music Education—Wind/Percussion Emphasis (4 year alternative)**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (major instrument)	2,2
Music Ensemble	1,1
Music General 200	0,0
Music Education 230	1
Music History 200	3
Music Keyboard 110, 120	1,1
Foreign Language	6
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music History 210, 220	6
Music Education 210	1
Music Education 211	1
Music Education 220	1
Music Education 221	1
Music Ensemble	1,1
Psychoeducational Studies 210	3
Social Science	3
Math 115	3
Non-US History	3

**Junior**

Music Theory 310	3
Music Theory 320	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music Education 350	2
Music History 380	3
Music Ensemble	1,1
Music Education 200	1
Music Education 310,320	5
Music Education 340	3
Music Education 212	1
Music Education 420	3
Music Education 430	3
Natural Science	3

**Senior**

Music Performance (major instrument)	2
Music General 200	0
Music General 301	0
Music Ensemble	1
Music Education 240	1
Music Education 400	12
Music Education 401	0
Music Education 440	2
Education 400	2
Education 401	3
Education 486	3
Non-US History	3

Total: 132 hours

Revise the following curricula outlines from:

**B.M. Curriculum in Music Education—Instrumental Emphasis (5 year alternative)**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (major instrument)	2
Music Ensemble	2,2
Music General 200	0,0
Music Education 230	2
Music History 200	3
Foreign Language	6
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music History 210, 220	6
Music Education 210	2,2
Music Education 220	2

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Music Performance (minor woodwind instrument)	1,1
Music Ensemble	2
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3

**Junior**

Music Theory 310	3
Music Theory 320	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music Education 350	2
Music History 380	3
Music Ensemble	2
Music Education 310, 320	6
Music Performance (minor brass instrument)	2
Social Science	3
Non-US History	3

**Senior**

Music Performance (major instrument)	2,2
Music General 200	0,0
Music General 301	0
Music Ensemble	2
Music Education 240	2
Music Education 420	3
Music Education 430	3
Music Education 440	0
Education 400	0
Education 401	3
Education 486	3
Non-US History	3

**Internship Year**

Education 575	12
Education 574	2
Education 591	4
Electives in Music Education or Music	6

Total: 125 hours plus 24 graduate hours

To: **B.M. Curriculum in Music Education—String Emphasis (5 year alternative)**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (major instrument)	2,2
Music Ensemble	1,1
Music General 200	0,0
Music History 200	3
Music Keyboard 110, 120	1,1
Foreign Language	6

**Sophomore**

Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music History 210, 220	6
Music Education 210	1
Music Education 220	1
Music Education 240	1
Music Education 241	1
Music Ensemble	1,1
Chamber Ensemble	1,1
Psychoeducational Studies 210	3
Math 115	3

**Junior**

Music Theory 310	3
Music Theory 320	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music Education 350	2
Music History 380	3
Music Ensemble	1,1
Music Education 200	1
Music Education 310, 320	5
Music Education 230	1
Music Education 340	3
Natural Science	3
Non-US History	3

**Senior**

Music Performance (major instrument)	2,2
Music General 200	0,0
Music General 301	0
Music Ensemble	1,1
Music Education 420	3
Music Education 430	3
Music Education 441	2
Education 400	2
Education 401	3
Education 486	3
Non-US History	3
Social Science	3
Elective	1

**Internship Year**

Music Education 575	12
Music Education 574	2
Music Education 591	4
Electives in Music Education or Music	6

Total: 124 hours plus 24 graduate hours



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From: **B.M. Curriculum in Music Education—Instrumental Emphasis (4 year alternative)**

<b>Freshman</b>	<b>Hours</b>	<b>Credit</b>
English 101, 102	6	
Music Theory 110, 120	6	
Music Theory 130, 140	2	
Music Performance (major instrument)	2,2	
Music Ensemble	2	
Music General 200	0,0	
Music Education 230	2	
Music History 200	3	
Foreign Language	6	
<b>Sophomore</b>		
Music Theory 210, 220	6	
Music Theory 230, 240	2	
Music Performance (major instrument)	2,2	
Music General 200	0,0	
Music History 210, 220	6	
Music Education 210	2,2	
Music Education 220	2	
Music Performance (minor woodwind instrument)	1,1	
Music Ensemble	2	
Psychoeducational Studies 210	3	
Natural Science	3	
Math 115	3	
<b>Junior</b>		
Music Theory 310	3	
Music Theory 320	2	
Music Performance (major instrument)	2,2	
Music General 200	0,0	
Music Education 350	2	
Music History 380	3	
Music Ensemble	2	
Music Education 310,320	6	
Music Performance (minor brass instrument)	1,1	
Social Science	3	
Non-US History	3	
<b>Senior</b>		
Music Performance (major instrument)	2	
Music General 200	0	
Music General 301	0	
Music Ensemble	1	
Music Education 240	2	
Music Education 420	3	
Music Education 430	3	
Music Education 440	2	
Music Education 400	12	
Music Education 401	0	
Education 400	2	
Education 401	3	
Education 486	3	
Non-US History	3	

Total: 134 hours

To: **B.M. Curriculum in Music Education—String Emphasis (4 year alternative)**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (major instrument)	2,2
Music Ensemble	1,1
Music General 200	0,0
Music History 200	3
Music Keyboard 110, 120	1,1
Foreign Language	6
Social Science	3
<b>Sophomore</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music History 210, 220	6
Music Education 210	1
Music Education 220	1
Music Education 240	1
Music Education 241	1
Music Ensemble	1,1
Chamber Ensemble	1,1
Psychoeducational Studies 210	3
Math 115	3
Non-US History	3
<b>Junior</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance (major instrument)	2,2
Music General 200	0,0
Music Education 350	2
Music History 380	3
Music Ensemble	1,1
Music Education 200	1
Music Education 310,320	5
Music Education 340	3
Music Education 430	3
Music Education 230	1
Natural Science	3
Non-US History	3
<b>Senior</b>	
Music Performance (major instrument)	2
Music General 200	0
Music General 301	0
Music Ensemble	1
Music Education 400	12
Music Education 401	0
Music Education 441	2
Music Education 420	3
Education 400	2

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Education 401	3
Education 486	3
Total:	132 hours

Revise the following curricula outlines from:

B.M. Curriculum in **Music Education—Vocal/General Concentration/Keyboard Emphasis (5 year alternative)**

<b>Freshman Year</b>	<b>Credit Hours</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (keyboard)	2,2
Music Performance (voice)	1,1
Music Education 240	2
Music General 200	0,0
Music Ensemble	2
Music History 200	3
Foreign Language	6
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Advanced Ear Training 230, 240	2
Music Performance	2,2
Music Performance	1,1
Music General 200	0,0
Music Ensemble	2
Music History 210, 220	6
Music Education 260	2
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance	2,2
Music General 200	0,0
Music Ensemble	2
Music Education 200	2
Music Education 210	2
Music Education 310, 320	6
Music Ensemble 399	2
Music Theory 450	2
Music History 380	3
Non-US History	3
Social Sciences	3
<b>Senior Year</b>	
Music Performance	2,2
Music General 200	0,0
Music Ensemble	2
Music General 301*	0
Music Education 350	1
Music Education 330	3

Music Education 420	3
Music Education 430	3
Education 400	2
Education 401	3
Education 486	3
Non-US History	3

\*Optional Full Recital with approval of major area

**Internship Year**

Education 575	12
Education 574	2
Education 591	4
Electives in Music Education or Music	6

Total: 127 hours plus 24 graduate hours

**To: B.M. Curriculum in Music Education—Vocal/General Concentration/Keyboard Emphasis  
(5 year alternative)**

<b>Freshman Year</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (keyboard)	2,2
Music Performance (voice)	1,1
Music Education 240 or 241	1
Music General 200	0,0
Music Ensemble	1,1
Music History 200	3
Foreign Language	6
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (keyboard)	2,2
Music Performance (voice)	1,1
Music General 200	0,0
Music Ensemble	2
Music History 210, 220	6
Music Education 260	1
Music Education 201	1
Music Education 200	1
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance (keyboard)	2,2
Music General 200	0,0
Music Ensemble	1,1
Music Education 250	1

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Music Education 210 or 211	1
Music Education 200	1
Music Education 310, 320	3,2
Music Ensemble 399	1,1
Music Theory 450	2
Music History 380	3
Non-US History	3
Social Sciences	3
<b>Senior Year</b>	
Music Performance (keyboard)	2,2
Music General 200	0,0
Music Ensemble	1,1
Music General 301*	0
Music Education 330	3
Music Education 350	1
Music Education 420	3
Music Education 430	3
Education 400	2
Education 401	3
Education 486	3
Non-US History	3

\*Optional Full Recital with approval of major area

**Internship Year**

Music Education 575	12
Music Education 574	2
Music Education 591	4
Electives in Music Education or Music	6

Total: 125 hours plus 24 graduate hours

From: **B.M. Curriculum in Music Education—Vocal/General Concentration/Keyboard Emphasis  
(4 year alternative)**

<b>Freshman Year</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (Keyboard)	2,2
Music Performance (Voice)	1,1
Music Education 240	2
Music General 200	0,0
Music Ensemble	2
Music History 200	3
Social Science	3
Foreign Language	6
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance	2,2
Music Performance	1,1

Music General 200	0,0
Music Ensemble	2
Music History 210, 220	6
Music Education 260	2
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3
Non-US History	3
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance	2,2
Music General 200	0,0
Music Ensemble	2
Education 400	2
Education 401	3
Education 486	3
Music Education 310, 320	6
Music Education 200	2
Music Education 210	2
Music Education 330,430	6
Music Ensemble 399	2
<b>Senior Year</b>	
Music Performance	2
Music General 200	0
Music Ensemble	1
Music General 301*	0
Music Education 420	3
Music Education 350	1
Music Education 400	12
Music Education 401	0
Music History 380	3
Music Theory 450	2
Non-US History	3

\*Optional Full Recital with approval of major area

Total: 136 hours

To: **B.M. Curriculum in Music Education—Vocal/General Concentration/Keyboard Emphasis**  
**(4 year alternative)**

<b>Freshman Year</b>	
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (keyboard)	2,2
Music Performance (voice)	1,1
Music Education 240 or 241	1
Music General 200	0,0
Music Ensemble	1,1
Music History 200	3

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Foreign Language	6
Social Science	3
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (keyboard)	2,2
Music Performance (voice)	1,1
Music General 200	0,0
Music Ensemble	1,1
Music History 210, 220	6
Music Education 260	1
Music Education 201	1
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3
Non-US History	3
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance (keyboard)	2,2
Music General 200	0,0
Music Ensemble	1,1
Music Education 250	1
Music Education 210 or 211	1
Music Education 200	1
Music Education 310, 320	3,2
Music Education 330	3
Music Education 350	1
Music Education 430	3
Music Ensemble 399	1,1
Music History 380	3
Education 486	3
<b>Senior Year</b>	
Music Performance (keyboard)	2
Music General 200	0
Music Ensemble	1
Music General 301*	0
Music Education 200	1
Music Education 420	3
Music Theory 450	2
Music Education 400	12
Music Education 401	0
Education 400	2
Education 401	3
Non-US History	3

\*Optional Full Recital with approval of major area

Total: 134 hours

Revise the following curricula outlines from:

**B.M. Curriculum in Music Education—Vocal/General—Vocal Emphasis (5 year alternative)**

	<b>Hours Credit</b>
<b>Freshman Year</b>	
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (voice)	2,2
Music Keyboard 110,120	1,1
Music Education 240	2
Music General 200	0,0
Music Ensemble	2
Music History 200	3
Foreign Language	6
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Advanced Ear Training 230, 240	2
Music Performance	2,2
Music Keyboard 210,220	1,1
Music General 200	0,0
Music Ensemble	2
Music History 210, 220	6
Music Education 260	2
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance (voice)	2,2
Music General 200	0,0
Music Ensemble	2
Music Education 200	2
Music Education 210	2
Music Education 310, 320	6
Music Education 250	2
Music Theory 450	2
Music History 380	3
Non-US History	3
Social Sciences	3
<b>Senior Year</b>	
Music Performance (voice)	2,2
Music General 200	0,0
Music Ensemble	2
Music General 301*	0
Music Education 350	1
Music Education 330	3
Music Education 420	3
Music Education 430	3
Education 400	2
Education 401	3



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Education 486	3
Non-US History	3

\*Optional Full Recital with approval of major area

**Internship Year**

Education 575	12
Education 574	2
Education 591	4
Electives in Music Education or Music	6

Total: 127 hours plus 24 graduate hours

**To: B.M. Curriculum in Music Education—Vocal/General—Vocal Emphasis (5 year alternative)**

<b>Freshman Year</b>	<b>Credit Hours</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (voice)	2,2
Music Performance (keyboard)110-120	1,1
Music Education 240 or 241	1
Music General 200	0,0
Music Ensemble	1,1
Music History 200	3
Foreign Language	6
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (voice)	2,2
Music Keyboard 210,220	1,1
Music General 200	0,0
Music Ensemble	1,1
Music History 210, 220	6
Music Education 260	1
Music Education 201	1
Music Education 200	1
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance (voice)	2,2
Music General 200	0,0
Music Ensemble	1,1
Music Education 250	2
Music Education 210 or 211	1
Music Education 200	1
Music Education 310, 320	3,2
Music Theory 450	2
Music History 380	3

Non-US History	3
Social Sciences	3
<b>Senior Year</b>	
Music Performance (voice)	2,2
Music General 200	0,0
Music Ensemble	1,1
Music General 301*	0
Music Education 330	3
Music Education 350	1
Music Education 420	3
Music Education 430	3
Music Voice 450	2
Education 400	2
Education 401	3
Education 486	3
Non-US History	3

\*Optional Full Recital with approval of major area

**Internship Year**

Music Education 575	12
Music Education 574	2
Music Education 591	4
Electives in Music Education or Music	6

Total: 126 hours plus 24 graduate hours

From: **B.M. Curriculum in Music Education—Vocal—General/Vocal Emphasis (4 year alternative)**

<b>Freshman Year</b>	<b>Hours Credit</b>
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (voice)	2,2
Music Keyboard 110,120	1,1
Music Education 240	2
Music General 200	0,0
Music Ensemble	2
Music History 200	3
Social Science	3
Foreign Language	6
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (voice)	2,2
Music Keyboard 210, 220	1,1
Music General 200	0,0
Music Ensemble	2
Music History 210, 220	6
Music Education 260	2
Psychoeducational Studies 210	3
Natural Science	3

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Math 115	3
Non-US History	3
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance	2,2
Music General 200	0,0
Music Ensemble	2
Education 400	2
Education 401	3
Education 486	3
Music Education 310, 320	6
Music Education 350	1
Music Education 200	2
Music Education 210	2
Music Education 330, 430	6
Music Education 250	2
<b>Senior Year</b>	
Music Performance	2
Music General 200	0
Music Ensemble	1
Music General 301*	0
Music Education 420	3
Music Education 400	12
Music Education 401	0
Music History 380	3
Music Theory 450	2
Non-US History	3

\*Optional Full Recital with approval of major area

Total: 136 hours

**To: B.M. Curriculum in Music Education—Vocal/General—Vocal Emphasis (4 year alternative)**

<b>Freshman Year</b>	
English 101, 102	6
Music Theory 110, 120	6
Music Theory 130, 140	2
Music Performance (voice)	2,2
Music Keyboard 110, 120	1,1
Music Education 240 or 241	1
Music General 200	0,0
Music Ensemble	1,1
Music History 200	3
Foreign Language	6
Social Science	3
<b>Sophomore Year</b>	
Music Theory 210, 220	6
Music Theory 230, 240	2
Music Performance (voice)	2,2
Music Keyboard 210, 220	1,1

Music General 200	0,0
Music Ensemble	1,1
Music History 210, 220	6
Music Education 260	1
Music Education 201	1
Psychoeducational Studies 210	3
Natural Science	3
Math 115	3
Non-US History	3
<b>Junior Year</b>	
Music Theory 310	3
Music Theory 320	2
Music Performance (voice)	2,2
Music General 200	0,0
Music Ensemble	1,1
Music Education 250	2
Music Education 210 or 211	1
Music Education 200	1
Music Education 310, 320	3,2
Music Education 330	3
Music Education 350	1
Music Education 430	3
Music History 380	3
Music Voice 450	2
Education 486	3
<b>Senior Year</b>	
Music Performance (voice)	2
Music General 200	0
Music Ensemble	1
Music General 301*	0
Music Theory 450	2
Music Education 200	1
Music Education 420	3
Music Education 400	12
Music Education 401	0
Education 400	2
Education 401	3
Non-US History	3

\*Optional Full Recital with approval of major area

Total: 135 hours

## MUSIC EDUCATION

Add:

- 201 Field Experience in General Music (1)  
Observing and assisting in an approved elementary or middle school classroom.  
May be repeated. Maximum 3 hours. Satisfactory/No Credit only.

- 211 Class Woodwind Methods II (1)  
Structure, use, techniques of playing, care and repair of the flute and saxophone in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Letter grade only.
- 212 Class Woodwind Methods III (1)  
Structure, use, techniques of playing, care and repair of the oboe and bassoon in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Letter grade only.
- 221 Class Brass Methods II (1)  
Structure, use, techniques of playing, care and repair of the lower brass instruments in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Letter grade only.
- 231 Class Percussion Methods II (1)  
Ethnic instruments, marching percussion trends and concepts, percussion literature and training concepts, traditional and non-traditional percussion accessories, steel drums. Letter grade only.
- 241 Class String Methods II (1)  
Structure, use, techniques of playing, care and repair of lower string instruments in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Letter grade only.
- 340 General/Vocal Music Methods (3)  
School methods and materials for teaching music in the elementary, middle and high schools. Intended for the instrumental music education major. Letter grade only.
- 441 String Orchestra Pedagogy and Rehearsal Techniques (2)  
Function, organization and direction of a school orchestra program. Letter grade only.

Revise description and title from:

- 200 Choral Laboratory (1)  
A laboratory choir designed to afford conducting opportunities for student conductors and to acquaint students with a variety of choral literature. May be repeated. Can be taken as elective credit by any student except those registered for MUS ED 310 and 320. This class cannot be used to meet any ensemble requirements unless permission is granted by the Director of Choral Activities, the student's advisor, and the Department of Music Head.

To:

- 200     Conducting Laboratory (1)  
A laboratory course designed to afford conducting opportunities for student conductors and to acquaint students with a variety of music literature. May be repeated. Can be taken as elective credit by any student except those registered for MUS Ed 310 and 320. Letter grade only.

Revise description, title and credit hours from:

- 210     Class Woodwind Methods (2)  
Structure, use, techniques of playing, care and repair of principal instruments in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. practical use of current instructional materials. May be repeated. Maximum 4 hours. Letter grade only. F

To:

- 210     Class Woodwind Methods I (1)  
Structure, use, techniques of playing, care and repair of the clarinet in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Letter grade only.

Revise description, title and credit hours from:

- 220     Class Brass Methods (2)  
Structure, use, techniques of playing, care and repair of principal instruments in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Maximum 4 hours. Letter grade only.  
Sp

To:

- 220     Class Brass Methods I (1)  
Structure, use, techniques of playing, care and repair of the upper brass instruments in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Letter grade only.

Revise description, title and credit hours from:

- 230     Class Percussion Methods (2)  
Structure, use, techniques of playing, care and repair of principal instruments in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Maximum 4 hours. Letter grade only. F

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To:

- 230     Class Percussion Methods I (1)  
Structure, use, techniques of playing, care and repair of principal instruments in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Letter grade only.

Revise description, title and credit hours from:

- 240     Class String Methods (2)  
Structure, use, techniques of playing, care and repair of principal instruments in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Maximum 4 hours. Letter grade only.  
Sp

To:

- 240     Class String Methods I (1)  
Structure, use, techniques of playing, care and repair of upper string instruments in school instrumental organizations. Emphasis on techniques necessary for basic understanding and effective teaching of the instruments. Practical use of current instructional materials. May be repeated. Letter grade only.

Revise description from:

- 310     Conducting I (3)  
Basic skills of conducting; baton, time beating of traditional patterns, preparatory beat, cutoffs, cueing. Development of the left hand, fermata, subdividing. Mechanics of full score. Video tapes of great conductors. Conducting "live" groups. Video tapes of each student conductor. Prereq: Two years of music theory or consent of instructor and admission to Teacher Education Program. Letter grade only. F.

To:

- 310     Conducting I (3)  
Basic skills of conducting; baton, time beating of traditional patterns, preparatory beat, cutoffs, cueing. Development of the left hand, fermata, subdividing. Mechanics of full score. Conducting "live" groups. Prereq: Two years of music theory or consent of instructor. Letter grade only.

Revise description and credit hours from:

- 320 Conducting II (3)  
Developing advanced baton technique. Multiple rhythms, modern beat patterns and their variations. Studying, analyzing and interpretation of the full score. Achieving complete physical control. Rehearsal techniques. Conducting "live" groups in advanced works. Video tapes of all student conductors. Prereq: Conducting I or consent of instructor and admission to Teacher Education Program. Letter grade only. Sp.

To:

- 320 Conducting II (2)  
Developing advanced baton technique. Multiple rhythms, modern beat patterns and their variations. Studying, analyzing and interpretation of the full score. Achieving complete physical control. Rehearsal techniques. Conducting "live" groups in advanced works. Prereq: Conducting I or consent of instructor. Letter grade only.

## MUSIC HISTORY

Drop:

- 490 Church Music Methods and Administration (3)

## MUSIC KEYBOARD

Revise description and prerequisite from:

- 110-120 Class Piano I, II (1,1)  
Development of keyboard skills in reading, technique, repertoire, harmonization, and transposition. Must be taken in sequence.

To:

- 110-120 Class Piano I, II (1,1)  
Development of keyboard skills in reading, technique, repertoire, harmonization, and transposition. Must be taken in sequence. Prereq: successful completion of music audition and theory placement exam. Intended for music majors and minors.

Revise description and title from:

- 340-350 Piano Pedagogy I, II-Practicum (3,3)

To:

- 340-350 Piano Pedagogy I, II (3,3)  
Pedagogical methods and materials related to the development of principles of learning; collateral teaching experience. Must be taken in sequence.



### MUSIC GENERAL

Drop:

130     Music Performance (3)

### MUSIC THEORY

Revise description from:

110-120     Theory I, II (3,3)  
Materials of music including basic elements through secondary dominants and modulation. Exercises in analysis, composition, and improvisation of music with emphasis on common practice. Must be taken in sequence.

To:

110-120     Theory I, II (3,3)  
Materials of music including basic elements through secondary dominants and modulation. Exercises in analysis, composition, and improvisation of music with emphasis on common practice. Must be taken in sequence. Prereq: successful completion of music audition and theory placement exam. Intended for music majors and minors.

### MUSIC VOICE

Add:

490     Church Music Methods, K-12 (3)  
Development of the child's voice through the teenage years, vocal/choral techniques for various age groups through high school, choral literature for the youth church choir, non-vocal musical activities appropriate to various age groups as used in church music programs (e.g., Orff, handbells, rhythm activities, etc.)

Revise description and credit hours from:

450-460     Pedagogy I, II (1,1)  
450-Concepts and approaches to teaching singing past and present.  
460-Vocal teaching materials: includes collateral teaching experiences.  
Prereq: Consent of instructor.

To:

450-460     Pedagogy I, II (2,1)  
450-Concepts and approaches to teaching singing past and present for all ages of voices. 460-Vocal teaching materials: includes collateral teaching experiences. Prereq: Consent of instructor.

## PHILOSOPHY

Add:

- 360    Philosophy of Science (3)  
An introduction to major problems in the Philosophy of Science. Specific issues vary, but may include: the nature of causality; the relationship between experiments, theories, and scientific practice; how theories change and how scientific disputes get settled; the role played by social organization in science (e.g. gender and race issues); and others. Writing emphasis course. Prereq: None

Add:

- 462    Philosophy of Biology (3)  
An introduction to current issues in the Philosophy of Biology. Specific problems vary, but will likely include: the nature of natural selection, adaptation, and fitness; the level of selection debate; the nature of species; the interaction of environment and organism, and others. Prereq: upper division course work in philosophy or biology or permission of instructor.

Add:

- 472    Philosophy of Language (3)  
Problems of meaning, reference and truth. What is the relation between words and the world? How do sentences manage to be *about* the world? What is it for something to be true? Prereq: 3 philosophy courses 200 level or above.

Drop:

- 380    Concepts of Woman

## PHYSICS

Revise Description of B.S. Major from:

**B. S. Major:** The undergraduate physics major provides a thorough introduction to all of the core areas of physics so that students are prepared to pursue related specialties later in their careers. Students with special interests are encouraged to pursue those interests through additional courses, research projects and/or independent study under the direction of the members of the Physics faculty.

The Department offers two concentrations: Applied and Academic.

The Applied Concentration is intended for students planning a post-graduate career in industry or secondary education. The academic concentration is intended for students planning post-graduate studies in physics or a related field.

To:

**B. S. Major:** The undergraduate physics major provides a thorough introduction to all of the core areas of physics. At the same time it allows students with special interests to pursue different concentrations.

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An academic concentration is intended for students interested in professional employment or graduate work in physics or closely related fields such as astronomy, engineering, laser technology, or computational science.

An applied concentration introduces students to the physics and technology of today and tomorrow. Such a broad physics background is increasingly useful in fields outside of physics. The applied concentration is intended for students majoring in physics but planning careers in other areas where scientific literacy is important, such as industry, secondary education, medicine, law, journalism, and business.

Students in both concentrations are encouraged to pursue special interests through additional courses, research projects and/or independent study under the direction of members of the physics faculty.

Revise Description from:

441-442      Contemporary Physics (3,3)  
An introduction to the major fields of contemporary physics: Condensed Matter Physics, Atomic Physics, Nuclear Physics, High Energy Physics, Geophysics, Astrophysics and Cosmology. The fundamental concepts of each field will be discussed and applied to areas of current research interest. Must be taken in sequence. Prereq: 240 or equivalent, 311-312, 321.

To

441-442      Contemporary Physics (3,3)  
An introduction to the major fields of contemporary physics ranging from Cosmology to High Energy. In addition to a discussion of the fundamental concepts of each field, the essential elements of Electricity, Magnetism and Quantum Mechanics will be covered. Must be taken in sequence. Prereq: 240 or equivalent, 311-312, 321.

## **POLITICAL SCIENCE**

Add:

435      Criminal Law and Procedure (3)  
An overview of substantive and procedural law in the criminal justice field with emphasis on constitutional questions and public policy issues.

Drop:

331      Judicial Process (3)

## PSYCHOLOGY

On page 103 of the 1999-2000 Undergraduate Catalogue revise Psychology Curriculum in the paragraph beginning, All students wishing to follow the General Concentration must satisfy. . .

From:

- (1) One of the following: Psychology 385, Math 115, or Statistics 201.
- (2) Three courses from Psychology 300. . .

To:

- (1) One of the following: Psychology 385, Math 115, or Statistics 201. NOTE: If a student takes Math 115, then 24 hours of Psychology courses numbered 200 and above must be taken to complete the major.
- (2) Three courses from Psychology 210, 220, 300, 310, 320, 330, 360, 370.

Add:

**Honors Program:** The Psychology Department offers an Honors Concentration that is a specially designed individualized mentorship program. University Honors students and psychology majors with ACT scores of 29 or higher (or SAT equivalent) may apply. Admission to the program will be on the basis of the review of the candidate's application and interview by the Psychology Honors Faculty, normally in the student's second year. Any semester with a GPA below 3.2 will lead to consideration of a student's dismissal from the program by the program faculty. The honors concentration includes all the requirements of the General Psychology Concentration and at least ten hours of upper division psychology honors courses including at least 4 hours of Psychology 347 (continuous registration is preferred), 3 hours of Psychology 367 and 3 hours of Psychology 467.

Add:

- 117    Honors General Psychology (3)  
Open to University Honors Students and to students with ACT's of 29 or higher (or SAT equivalent). Prereq: Consent of Instructor  
*Add to Social Science Distribution*
- 347    Honors Seminar (1)  
Classic works in psychology; professional and ethical issues in psychology; presentations of faculty scholarship and honors students' projects. Meets weekly (May be repeated (maximum 8 hours). Prereq: Consent of Instructor
- 367    Psychology Honors Project (3)  
Independent studies course which leads to the Honors thesis. Students must have plans of study approved by their mentor prior to enrollment. S/NC only. May be repeated (maximum 15 hours) Prereq: Consent of instructor.
- 467    Psychology Honors Thesis (3)  
Independent study for writing and oral defense of Honors thesis. S/NC only. Prereq: consent of instructor.

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**SOCIOLOGY**

On page 104, column 2 of the 1999-2000 Undergraduate Catalog revise the description of the concentration in Environment and Society from:

All prerequisites required for the major are required for this concentration. An additional prerequisite is Geology 101 and 103; or 202 plus Geology 201 or 203; or Botany 306 and 309. The Concentration in Environment and Society consists of Sociology 321 and 331 and eighteen hours upper-division sociology courses as follows: 360, 464, either 344 or 345, either 442 or 446, and two courses selected in consultation with advisor.

To:

All prerequisites required for the major are required for this concentration. The Concentration in Environment and Society consists of Sociology 321 and 331 and eighteen hours of upper-division sociology courses as follows: 360, 464, either 344 or 345, either 442 or 446, and two courses selected in consultation with advisor.

Add:

465     Social Values and the Environment (3)  
Human dimensions of ecosystem management and public policy. An applied focus on how social values are activated within specific biophysical and social settings. Prereq: 110 or 120 or consent of instructor.

**THEATRE**

Drop:

226     Voice and Diction (3)

Effective Date: Fall 2000

**WOMEN'S STUDIES**

Drop:

380 Concepts of Woman

**MEMORANDUM**

TO: Linda Tober, Assistant Dean  
Undergraduate Academic Affairs

FROM: C. Warren Neel, Dean  
College of Business Administration

SUBJECT: Curricular Changes for Business Administration

DATE: January 11, 2000

Attached are the curriculum changes that have been approved by the College of Business Administration faculty. Please submit these changes to the Undergraduate Council for final approval. A summary of these changes follows:

Summary

1. History Requirement: Drop African and African-American Studies 201-202  
Add African and African-American Studies 235-236
2. Marketing: Add Marketing 470
3. Statistics: Add Statistics 471  
Drop Statistics 310  
Revise Course Numbers Statistics 472 and 475  
Revise Course Number and Title for Statistics 473

Attachment

- c. Dr. Harold Roth, Chair  
Undergraduate Policies Committee

**COLLEGE OF BUSINESS ADMINISTRATION**

**HISTORY REQUIREMENT**

On page 107 of the 1999-2000 Undergraduate Catalog, revise History requirement footnote:

FROM:

Any two-course sequence from courses listed below: African-American Studies 201-202; Asian Studies 101-102; History 241-242, 247-248, 261-262; Latin-American Studies 251-252; Medieval Studies 201-202.

Effective Fall 2000

TO:

Any two-course sequence from courses listed below: African and African-American Studies 235-236; Asian Studies 101-102; History 241-242, 247-248, 261-262; Latin-American Studies 251-252; Medieval Studies 201-202.

Effective Spring 2000

**MARKETING**

ADD:

470 **Marketing Forecasting (3)**

Overview of techniques, systems, and management approaches used to develop sales forecasts of markets. Performance measurement of sales forecasting and the use of forecasts in business planning are also covered. Prereq: Marketing 301, 310, and 320.

Effective Fall 2000

**STATISTICS**

ADD:

Statistics

471 **Statistical Methods (3)**

Applied statistical methods: estimation, tests of hypotheses, analysis of variance, nonparametric methods. Prereq: Stat 201 or 251.

Effective Date: Fall 2000

DROP:

Statistics

310 **Data Analysis and Presentation (3)**

Effective Date: Fall 2000

REVISE COURSE NUMBER:

Statistics

472 **Regression Analysis (3)** (Formerly: 461)

475 **Time Series Analysis (3)** (Formerly: 463)

Effective Date: Fall 2000

REVISE COURSE NUMBER AND TITLE:

Statistics

473 **Experimental Design and Analysis (3)**

(Formerly: 462: Analysis of Variance and Experimental Design (3))

Effective Date: Fall 2000

On page 110 - 111 of the 1999-2000 Undergraduate Catalog, revise Statistics curriculum

**From:**

**Junior**

Marketing 301 .....	3
Finance 301 .....	3
Management 301 .....	3
<sup>1</sup> Written Communications .....	3
Economics 311 or 313 or Logistics and Transportation 301 .....	3
<sup>2</sup> Statistics 310 .....	3
Statistics 320 .....	3
Statistics 330 .....	3
<sup>3</sup> Math Elective .....	3 or 4
Elective .....	3

**Senior**

Business Law 301 .....	3
Management 401 .....	3
<sup>4</sup> International Business .....	3
<sup>5</sup> Arts elective .....	3
<sup>6</sup> Ethics.....	3
Statistics 365.....	3
<sup>7</sup> Statistics 461, 462, 463; Mathematics 423,425 .....	6
<sup>3</sup> Math Elective .....	3 or 4
Elective .....	3

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Total: 126 Hours

<sup>1</sup>Written Communications - One course from: English 263, 295, 355, 455, 461.

<sup>2</sup>Statistics 310 - Qualified students may skip Stat 310 and instead take an additional course in the Stat 461, 462, 463, Mathematics 423, 425 set.

<sup>3</sup>Math Elective - To attain at least 126 hours, students who took the six credits of Math 123-125 should take Math 141-142; for others the recommended courses are Math 241 and 251.

<sup>4</sup>International Business - The international course requirement may be satisfied by taking either Business Administration 311 or 491 or an international course in a concentration area such as Management 471, Logistics and Transportation 441, or Economics 321.

<sup>5</sup>Arts - One course from the courses listed below: Art 172, 173, 183, 191; Classics 232,233; English 263; Music 100, 110, 120, 130; Speech 280, 380; Theatre 100, 220, 221, 260; Women's Studies 330.

<sup>6</sup>Ethics - One course from: Philosophy 242, 342, or 344.

<sup>7</sup>Statistics 461, 462, 463; Mathematics 423,425 - Any two courses from the set of five will satisfy the requirement.



To:

	<b>Hours Credit</b>
<b>Junior</b>	
Marketing 301 .....	3
Finance 301 .....	3
Management 301 .....	3
<sup>1</sup> Written Communications .....	3
Economics 311 or 313 or Logistics and Transportation 301 .....	3
<b>Statistics 471</b> .....	<b>3</b>
Statistics 320 .....	3
Statistics 330 .....	3
<sup>2</sup> Math Elective .....	3 or 4
Elective .....	3
<b>Senior</b>	
Business Law 301 .....	3
Management 401 .....	3
<sup>3</sup> International Business .....	3
<sup>4</sup> Arts elective .....	3
<sup>5</sup> Ethics.....	3
Statistics 365.....	3
<b><sup>6</sup>Statistics 472, 473, 475; Mathematics 423, 424, 425</b> .....	<b>6</b>
<sup>2</sup> Math Elective .....	3 or 4
Elective .....	3
<hr/> Total: 126 Hours	

<sup>1</sup>Written Communications - One course from: English 263, 295, 355, 455, 461.

<sup>2</sup>Math Elective - To attain at least 126 hours, students who took the six credits of Math 123-125 should take Math 141-142; for others the recommended courses are Math 241 and 251.

<sup>3</sup>International Business - The international course requirement may be satisfied by taking either Business Administration 311 or 491 or an international course in a concentration area such as Management 471, Logistics and Transportation 441, or Economics 321.

<sup>4</sup>Arts - One course from the courses listed below: Art 172, 173, 183, 191; Classics 232,233; English 263; Music 100, 110, 120, 130; Speech 280, 380; Theatre 100, 220, 221, 260; Women's Studies 330.

<sup>5</sup>Ethics - One course from: Philosophy 242, 344, 345 or 346.

**<sup>6</sup>Statistics 472, 473, 475; Mathematics 423, 424, 425 - Any two courses from the set of six will satisfy the requirement.**

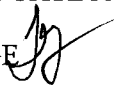
THE UNIVERSITY OF TENNESSEE  
KNOXVILLE



College of Education  
Associate Dean for Student and Academic Services  
204 Claxton Addition  
Knoxville, TN 37996-3400  
(423) 974-6639  
FAX (423) 974-8718  
E-Mail: TGEORGE@UTKVX.UTK.EDU

## MEMORANDUM

**TO:** DR. LINDA TOBER  
ASSISTANT DEAN  
UNDERGRADUATE ACADEMIC AFFAIRS

**FROM:** TOM GEORGE 

**SUBJECT:** UNDERGRADUATE COUNCIL CURRICULAR MATERIALS

**DATE:** 01/06/00

The enclosed curricular materials were reviewed and approved by the faculty and Dean Rowell. Please place these items on the January 20 agenda of the Undergraduate Council.

To assist Council members, I have organized our items accordingly:

- (1) those items stemming from the College's structural change from 11 units to six departments (approved by the Board of Trustees in February 1999) (see Attachment 1 and Attachment 2);
- (2) those materials involving a proposed minor in Engineering Communication and Performance for engineering students (see curricular materials section 3.3.2.);
- (3) materials describing the modification of an existing concentration for students seeking to become special education teachers (see curricular materials section 3.2.3); and
- (4) a request to add course descriptions to existing Physical Activity courses (see curricular materials section 9.1.); and
- (5) materials concerning a proposed course in Early Childhood Education (see curricular materials section 8.6).

Please call if you have questions and/or concerns which you would like me to address prior to the January 20 meeting. Thank you.

## ATTACHMENT 1

1

### Organizational Changes Within the College of Education at the University of Tennessee, Knoxville February 1999

#### **Breaking With Tradition**

Eight years ago, the College of Education at UTK, aided by a significant grant from the Philip Morris Companies, launched a reorganization of its academic programs and governance process. For three years, the College's faculty and staff intensively studied different patterns of organization and ways of rebuilding a college of education. The end result was the establishment of eleven Units and a much flatter organizational pattern designed to shift much of the decision making about programs and governance to faculty and staff.

Evolving from the reorganization and what became known as New College were innovative programs that in all probability would never have developed under a more traditional college structure. For example, in the preparation of elementary school teachers, several unique models were developed such as the Urban/Multicultural Program where students are specifically prepared to work in schools in central city neighborhoods and the Inclusive Early Childhood Education Program where students receive intensive preparation for teaching in regular educational settings from an inclusion or special education perspective. Several of the programs developed in New College have begun to gain national attention. The emergence of New College brought about a critical examination of how the College of Education works with its students not only in teacher education, but in other fields found in the College (Exercise Science, Counseling Psychology, Human Services, Sport Management, and others).

#### **An Organization to Promote Change**

The new organizational structure of the College of Education was adopted by the faculty in 1993. The eleven Units established were: Counselor Education & Counseling Psychology; Cultural Studies in Education; Education in the Sciences, Mathematics, Research, & Technology; Exercise Science; Holistic Teaching & Learning; Inclusive Early Childhood Education; Language, Communication, & Humanities Education; Leadership Studies; Psychoeducational Studies; Rehabilitation & Deafness; and Sport & Physical Activities. While the eleven Units had a degree of autonomy for building new programs, several structures/committees intended to bring the groups together on academic, resource, and governance matters were established. The College's Coalition Core was established to bring administrative/faculty leaders from the Units, student representation, and staff representation together to advise the Dean and provide strategic planning for the College. Key committees such as the Academic Affairs Committee, the Social Justice Committee, and the Resource Allocation Committee were organized to focus on specific problems in the areas of program development, distribution of resources, and fair and just treatment of all faculty, staff, and students in the College. A centralized business office was organized to help facilitate the budgetary/financial business that had been dealt with in each of the

departments in the structure that preceded New College, thus freeing up faculty and staff to work more in programmatic matters..

Another key development of New College was the new and considerably stronger relationships that developed between faculty in the College of Education and their partners in the field. This resulted in a vigorous effort to more effectively involve practitioners from (1) schools, (2) human service organizations in the community, (3) health and fitness centers, (4) counseling centers, and (5) sports centers. For example, eight Professional Development Schools (a nationwide movement) have been tabbed in the East Tennessee area to help prepare both elementary and secondary teachers in the College's five-year teacher preparatory program (that predated New College). Practitioners in these schools, more than ever before, help teach courses in methodology and provide practicum experiences of a reflective nature for the more than three hundred interns annually placed in school settings.

### **Self Examination and Some Restructuring**

While innovative programs and a new model of governance came about as a result of New College, some problems developed during the first five years (1993-1998) of the experiment to reorganize the College of Education. Some of these problems were identified in a qualitative study of New College initiated in 1997. This study, *Implementing a Vision- A Study of the Culture of the College of Education: A Component of the Overall Evaluation of the New College*, called for a reexamination of the original *Planning Document* (the guide to reorganization), the development of a system for better communication among faculty, better articulation of the roles of Unit Leaders and Unit secretaries, reexamination of New College's goals, reexamination of the structure and mission of New College to make sure that there is compatibility with the University's overall structure and mission, identification of a minimal time period that one should spend in a Unit before moving to another home, bringing faculty who feel isolated as a result of reorganization back into a more involved faculty status, development of trust and improved communication (especially between administrators and faculty), and the finding of ways to have faculty and staff better understand the mission and structure of New College. This study, done by Drs. Ron Taylor and Eric Haley of UTK's College of Communications, however, revealed some positive outcomes of the reorganization effort. Taking a new look at how the College serves its constituents, resulting in changes in programs, was seen as positive by a number of faculty. Faculty and staff also stated that they were willing to work harder to make the College of Education stronger.

In addition to recommendations from *Implementing a Vision*, other sources provided incentives for making some changes in the College of Education. One source was the 1997-98 Council of Deans' deliberations on outstanding programs/focus areas that ultimately were submitted to the Academic Program Evaluation Committee (APEC). Another was the search process for a new Dean of the College of Education (Fall and Spring of 1997-98). In both situations, it became abundantly clear that the rest of the University had difficulty in understanding the various Units (especially their names) in the College of Education, the governing structure of

the College of Education, and the mission of the College as a whole and the Units that make up the College. This is not to say that the College's programs and progress made were going unnoticed. In fact, four of the College's programs (Counseling Psychology, Deafness Education/Interpreter Training, Exercise Science, and the Fifth-Year Teacher Education Program) were among the forty-two University programs recognized as outstanding. The strong relationships that had been established with practitioners in the field and with faculty in the Arts & Sciences College also were recognized. The problem was one of finding a way to have much better communication with the rest of the University and the need to be more in line with the structure of other colleges at UTK. It was clearly pointed out by several people outside the College of Education that it was difficult to guide prospective students to the "right place" in the College of Education.

With the background set for the need to make changes, initially called "fine tuning," the decision was made to **find a way to make changes in the structure of the College of Education but at the same time, retain the highly innovative programs that had developed during New College's existence.**

### **Adjusting Our Course**

Since the College's Coalition Core had already established a committee to rewrite the *Planning Document*, it was decided that each of the seven members of the committee and members of the Dean's staff should write a paper on "What Positive Features of New College Should be Retained" that would be a prelude to changing the Unit structure back to a departmental structure and making other changes necessary. The Planning Document Writing Team's papers led to eleven positive features that should be retained as restructuring of the College took place. These follow:

1. Five goals of New College (Excellence in Scholarship, Leadership Role in Education, Commitment to Social Justice, Innovative Instructional Excellence, and Collaborative Partnerships Among Faculty, Students, and Practitioners)
2. Principles of Association (where faculty in an area pledge to carry out the mission of the Academic Unit and advance the goals of the College)
3. Collaborative models
4. Locus of control regarding program matters
5. Maintenance of Coalition Core as a think tank and strategic planning group
6. Centralized business office
7. Centralized instructional support services
8. Linkages with the field
9. Diversity of preparatory models (both teacher education and non-teacher education)
10. Involvement of students, staff, and faculty in governance
11. Centralization of graduate services

In the Summer of 1998, the Planning Document Writing Team asked the newly appointed Dean of the College of Education to submit his ideas for restructuring the College. The plan submitted was one of having only two Associate Deans, distributing among several faculty some duties previously assumed by a third Associate Dean, and having seven departments instead of eleven Units. Under each department, it was proposed that specific program areas be identified, with each department having a department head and program coordinators, as appropriate.

Over the latter part of the Summer term and throughout the Fall Semester (1998), faculty in the College were given the opportunity to review the proposed changes, discuss concerns in a series of forums conducted by the Chair of the Coalition Core, meet with others to discuss structural mergers, visit with the Dean and his staff to discuss concerns, and make alternative proposals.

### **Projected Changes in Structure**

As a result of these deliberations, the College of Education restructuring plan that is attached evolved. Instead of seven departments, six were eventually recommended. Instead of four Units that previously had the major responsibility for teacher education, one department for teacher education evolved, thus bringing early childhood, elementary, middle school, and secondary education together (in the department called Teaching and Learning [tentative name]). In some cases, there was no merger but the name of the Unit was changed with existing faculty remaining intact, as in the case of the Psychoeducational Studies Unit becoming the Department of Educational Psychology (a better understood name). In some cases, there was a broadening of the focus of the group with some slight change in composition of faculty, as the change made in the Cultural Studies in Education Unit becoming the Department of Cultural Studies & Social Foundations of Education and Sport. Only one group of four faculty members (Leadership Studies) at this time is not placed in a department. This group, which is too small to have departmental status, may be for a short time (three-four months) a special program that reports to the Dean of the College of Education, or it may become part of one of the six new departments.

The College of Education, like other colleges in the University of Tennessee, Knoxville, has a number of staff and faculty on limited assignment for specific administrative functions. Added to those already in existence, the plan calls for the Bureau of Evaluation, Research, and Services (BERS) to have a Director who is released from teaching duties for 50% time, and a Ph.D. in Education Coordinator who has one-third of her time released to coordinate this rather large collegewide program (150 students). In addition, a UTK campus-based Coordinator (at 25% time) to assist the Director of the UTK Doctoral program in Education based in Chattanooga and a Summer School Coordinator (25% time) are being recommended. Each of these four faculty members on a limited-administrative assignment will receive a modest stipend

### **Advantages of the Changes**

The most obvious advantage of these changes is that the names of the academic groups in the College of Education are more readily understood. It is believed, for example that Teaching and Learning (which may become Instructional Theory and Practice, Pre-K-12) is more readily understood than any of the names of the teacher education Units that previously existed (Holistic Teaching and Learning; Education in the Sciences, Mathematics, Research, and Technology; Language, Communication, and Humanities Education; and Inclusive Early Childhood Education). Having departments and department heads should quickly eliminate such questions as "What is a Unit?" and "How does a Unit Leader differ from a Department Head?" In addition, having several of the smaller groups now in existence as Units (one has five faculty; another has only four) become a larger department makes sense from an economic standpoint. In addition, bringing groups of faculty with similar functions together, such as most of the faculty in teacher education, should provide a higher degree of articulation among programs at different levels. Having Program Coordinators to work within a larger department should provide a better focus and more attention to programmatic and curricular matters. Under the New College system established in 1993, Unit Leaders were supposed to spend more time with programmatic matters, but unfortunately the Unit Leaders had to deal more with budgetary and personnel matters than intended. Under the proposed restructuring, the Program Coordinator in each curricular area will be a "keeper and champion" of the curriculum.

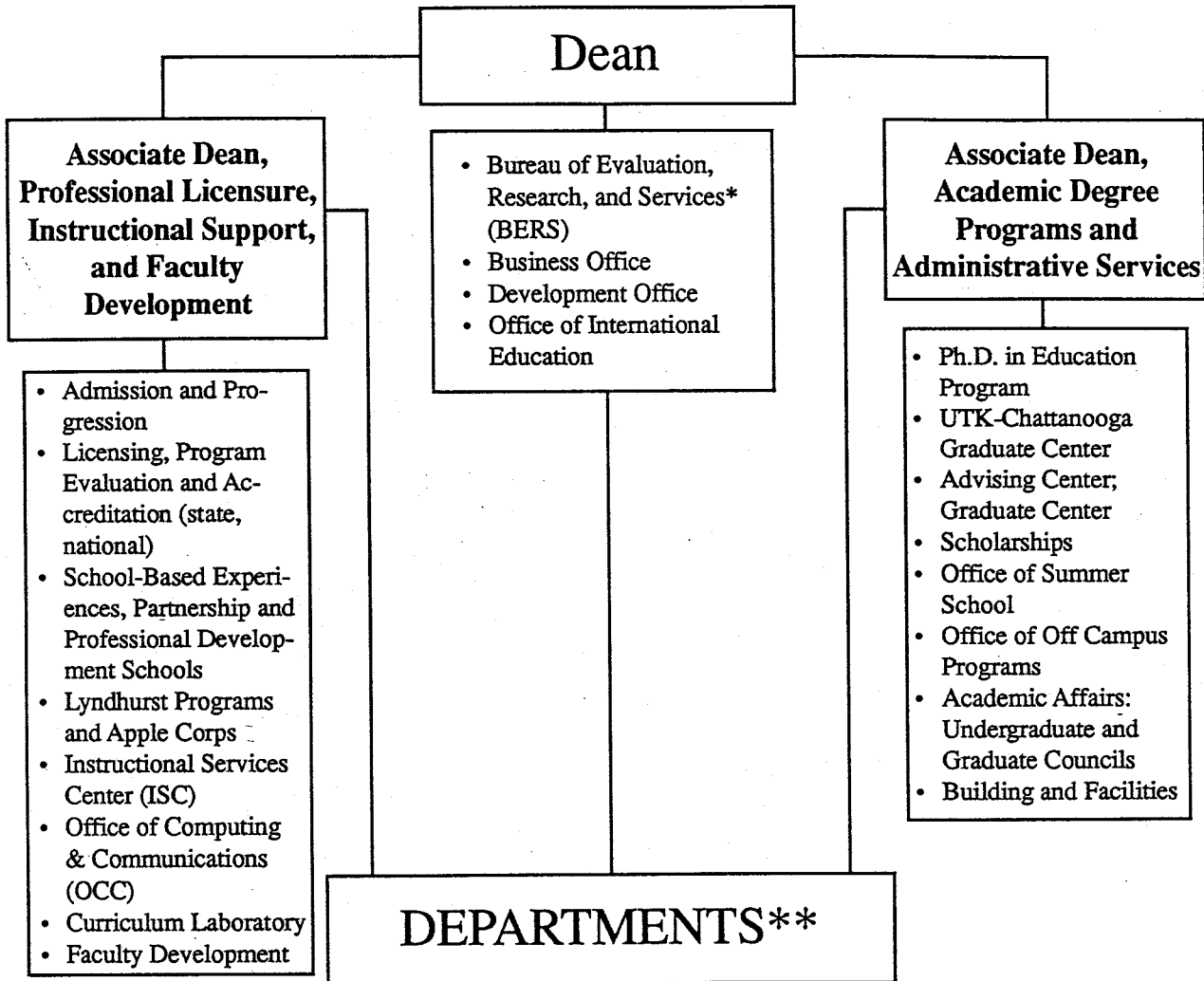
### **Impact of the Changes**

The projected changes will not negatively affect the program of any student. All programs now in place will remain in place, although as the groups coming together learn more about each other and the various programs now housed together in a department, some changes will undoubtedly be made. The changes projected will not have a significant increase in administrative costs since the current Unit Leaders' stipends will be diverted to the Department Heads' stipends. In addition, the modest stipends being paid faculty who will pick up limited-administrative assignments will be far offset by reduction in **administrative costs** that result in the elimination of one Associate Dean's position.

### **Projected Date for Implementation**

The projected date for implementation of the restructuring in the College of Education is April of 1999. It is hoped that by the beginning of Summer School all departments will be fully operational.

# COLLEGE OF EDUCATION



- Counseling, Deafness, and Human Services (15) [7]
- Cultural Studies & Social Foundations of Education and Sport (8.75)
- Educational Psychology (11)
- Exercise Science & Sport Management (12)
- Instructional Technology, Curriculum, and Educational Research (9.80) [1]
- Teaching and Learning (21.75) [1]

\*Appalachian Rural Systemic Initiative (ARSI), Center for Deafness, Center for Literacy Studies, High School Equivalency Program (HEP), Institute for Assessment/Evaluation, Institute for Educational Innovation, Least Restricted Environment (LRE) for Life Project, Post-Secondary Education Consortium (PEC), Project Infoe, Regional Rehabilitation Continuing Education Program (RCEP), and other grant-funded projects will maintain a close liaison with both BERS and one or more of the departments.

\*\*Tenure line faculty in parentheses; Grant-supported positions in brackets.



**ADDENDUM**

The following departmental name changes occurred after the February 1999 meeting of the University of Tennessee Board of Trustees:

<b>From</b>	<b>To</b>
Cultural Studies & Social Foundations of Sport	Educational Administration and Cultural Studies
Teaching and Learning	Theory & Practice In Teacher Education

**ATTACHMENT 2**

Old Unit Structure	New Department Structure	Subject Areas Under New Department Structure
Rehabilitation, Deafness & Human Services	Counseling, Deafness & Human Services	Counselor Ed & Counseling Psych Human Services Rehabilitation, Deafness, & Human Services
Leadership Studies	Ed Admin & Cultural Studies	Cultural Studies Ed Admin & Policy Studies Ed Admin & Supervision Higher Education
Psychoeducational Studies	Educational Psychology	Educational Psychology
Exercise Science	Exercise Science & Sport Management	Dance Exercise Science Sport Management
EdSMRT	Instructional Technology, Curriculum, & Evaluation	Instructional Technology, Curriculum, & Evaluation
Holistic Teaching & Learning	Theory & Practice in Teacher Education	Art Education Early Childhood Education Elementary Education English Education Foreign Language/ESL Education Mathematics Education Reading Education Science Education Social Science Education Special Education Theory & Practice In Teacher Ed

The following subject areas no longer exist under the new departmental structure:

- Leadership Studies
- Psychoeducational Studies
- Education in the Sciences, Math, Research and Technology
- Holistic Teaching & Learning
- Language, Communication, & Humanities Education
- Inclusive Early Childhood Education

**Undergraduate Catalog Revisions  
College of Education**

1. **Revise** page 55 of the **1999-2000 Undergraduate Catalog** to read as follows:

<b>Department</b>	<b>Major</b>	<b>Concentration within the Major</b>	<b>Degree</b>
<b>College of Education</b>			
Counseling, Deafness & Human Services*	Special Education	Education of the Deaf and Hard of Hearing	Bachelor of Science in Education
	Human Services	Human Services	Bachelor of Science in Education
		Educational Interpreting	Bachelor of Science in Education
		Modified & Comprehensive	Bachelor of Science in Education
Educational Administration & Cultural Studies			
Educational Psychology			
Exercise Science & Sport Management**	Exercise Science		Bachelor of Science in Education
	Sport Management		Bachelor of Science in Education
Instructional Technology, Curriculum, & Evaluation			
Theory and Practice in Teacher Education ***	Art Education (Intercollegiate)		
	Special Education	Early Childhood Special Education	Bachelor of Science in Education

- \* Minor in Engineering Communication & Performance
- \*\* Minor in Dance
- \*\*\* Minor in Elementary Teaching and Secondary Teaching

**Revise** unit listings on page 118-119 of the 1999-2000 Undergraduate Catalog to reflect the new department names:

**Combine** Rehabilitation, Deafness, and Human Services (Unit) and Counselor Education and Counseling Psychology (Unit) to form one department: **Counseling, Deafness, and Human Services (Department)**.

**Combine** Leadership Studies in Education (Unit) and Cultural Studies in Education (Unit) to form one department: **Educational Administration and Cultural Studies (Department)**.

**Revise** the title of Psychoeducational Studies (Unit) to **Educational Psychology (Department)**.

**Combine** the Sport and Physical Activity (Unit) and Exercise Science (Unit) to form one department: **Exercise Science and Sport Management (Department)**

**Revise** the title of Education in the Sciences, Mathematics, Research, and Technology (Unit) to **Instructional Technology, Curriculum, and Evaluation (Department)**.

**Combine** the Holistic Teaching/Learning (Unit), Inclusive Early Childhood Education (Unit), Language, Communication, and Humanities Education Unit to form one department: **Theory and Practice in Teacher Education (Department)**.

#### COUNSELING, DEAFNESS, and HUMAN SERVICES DEPARTMENT

Rehabilitation and Deafness (**Retain** subject area and course listings on page 208 of the 1999-2000 Undergraduate Catalog)

**Revise** course title

- 410 Practicum with Deaf/Hard of Hearing (3)  
(Formerly: Practicum with Hearing Impaired)
- 415 Language Development of Deaf/Hard of Hearing I (3)  
(Formerly: Language Development of Hearing Impaired I)
- 416 Language Development of Deaf/Hard of Hearing II (3)  
(Formerly: Language Development of Hearing Impaired II)
- 419 Speech Development of Deaf/Hard of Hearing (4)  
(Formerly: Speech Development of Hearing Impaired)
- 425 Introduction to the Psychology and Education of the Deaf/Hard  
Hearing (3)  
(Formerly: Introduction to the Psychology and Education of the Hearing Impaired)

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**Drop Course**

- 371 Audiology I (3)
- 473 Audiology II (3)
- 482 Speech and Language Services in the Schools (3)
- 483 Clinical Practice in Communication Disorders in Schools (3)
- 494 Aural Habilitation/Rehabilitation of the Hearing Impaired (3)

**Human Services** (Retain subject area and course listings on page 193 of the 1999-2000 Undergraduate Catalog)

Revise course description

- 400 Prefield Seminar (2) Preparation for field sequence. Exploration of field/work settings within human service through in-class activities, field trips, and guest lecturers; includes current topics and professional behavior. F, Sp
- 441 Human Services Field Work II (6) Practical field experience within an approved and supervised human service setting in a different venue than previous 440 field placement. Explores day to day activities within a human service organization. Develops specific helping skills; involvement in roles and functions of human service profession; provides direct services in a supportive learning setting. For majors only. Prereq: 420, 440. S/NC only. F, SP, S

**Revise** course description and prereq/coreq

- 440 Human Services Field Work (6) Practical field experiences within an approved and supervised human services setting. Explores day to day activities within a human services organization. Develops specific helping skills; involvement in roles and function of human services profession; provides direct service in a supportive learning setting. For majors only. Prereq: Progression to the major, 380, 400, 420. S/NC only. F, Sp, S

**Revise** Program

On page 120 of the 1999-2000 Undergraduate Catalog, please add the following concentration to the Human Services major:

**HUMAN SERVICES:MODIFIED AND COMPREHENSIVE CONCENTRATION**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Natural Science Electives	8
Math 201, 202	6
Art/Music/Theater Elective	3
Anthropology 130 or 230	3
Foreign Language Intermediate Level Competence	6

**Sophomore**

Human Services 220	3
Psychology 330, 360	6
Foreign Language Intermediate Level Competence or Elective	6
History (Non-U.S.) Electives	6
Speech 210 or 220	3
Educational Psychology 210	3
Political Science/Economics Elective	3
Elective	3

**Junior**

Human Services 380, 390, 420, 430	12
English 360	3
Educational Psychology 460	3
Human Services 400	2
Counselor Education and Counseling Psychology 431	3
Education 400, 401	5
Instructional Technology, Curriculum and Evaluation 486	3

**Senior**

Special Education 431-432	9
Elementary Education 422	6
Human Services 440	6
Human Services 441	6
Special Education 419	6

Undergraduate Total: 129 hours

The following courses are taken during the post baccalaureate, Professional Licensure Year:

**Professional Year**

Education 574, 574	14
Theory and Practice Teacher Education 510, 591	10

Graduate Total: 24 hours

Counselor Education/Counseling Psychology (**Retain** subject area and course listings on page 175 of the 1999-2000 Undergraduate Catalog)

Add Course

306 Facilitation of Individual Technical Performance (3) Psychological and cultural dynamics of individual technical performance. Performance characteristics of worker/machine interfaces. Supervised experience in improving individual technical performance. A-F grading. Prereq: CECP 206 and Engineering student, sophomore level or above.

406 ECP Field Work (3) Capstone experience for the Engineering Communication and Performance Minor. Includes instruction, field work, and supervision. Satisfactory/No Credit grading only. Prereq: CECP 206 and CECP 306.

**Add Program**

**Add Engineering Communication and Performance Minor**

The following would appear on page 120 of the 1999-2000 Undergraduate Catalog:

**Engineering Communication and Performance Minor**

<b>Required Courses</b>	<b>Hours Credit</b>
CECP 206	3
CECP 306	3
CECP 406	3

Select two of the following courses:

Psychology 360	3
Management 440	3
HRD 471	3
Speech Communication 420	3
Speech Communication 440	3

Total: 15 hours

**EDUCATIONAL PSYCHOLOGY DEPARTMENT**

**Revise** Department Name and Subject Area Title and **Move** all courses from Psychoeducational Studies (unit), p. 207 of 1999-2000 Undergraduate Catalog under this new heading.

**EXERCISE SCIENCE AND SPORT MANAGEMENT DEPARTMENT**

Dance (**Retain** subject area and course listings on page 175 of the 1999-2000 Undergraduate Catalog)

**Revise** Course Description

440 Composition I (2) Choreographic skills emphasizing the basic techniques and concepts of dance composition. This course focuses on the choreography of solos and duets. Prereq: 4 hours credit in upper level modern dance technique (330 or 430) or approval of instructor.

445 Composition II (2) Choreographic skills emphasizing the advanced techniques and concepts of dance composition. This course will focus on the choreography of group works and the technical aspects of production. Prereq: 440 or approval of instructor.

310 Ballet: Level II (2) Instruction and practice in intermediate classical ballet techniques. Available to minors or with consent of instructor. May be repeated. Maximum 12 hours.

320 Jazz: Level II (2) Instruction and practice in intermediate jazz dance styles and techniques. Available to minors or with consent of instructor. May be repeated. Maximum 12 hours.

330 Modern: Level II (2) Instruction and practice in intermediate modern dance styles and techniques. Available to minors or with consent of instructor. May be repeated. Maximum 12 hours.

410: Ballet: Level III (2) Instruction and practice in advanced classical ballet techniques. Available to minors or with consent of instructor. May be repeated. Maximum 16 hours.

420 Jazz: Level III (2) Instruction and practice in advanced jazz and musical theater dance styles and techniques. Available to minors or with consent of instructor. May be repeated. Maximum 16 hours.

430 Modern: Level III (2) Instruction and practice in advanced modern dance techniques. Available to minors or with consent of instructor. May be repeated. Maximum 16 hours.

Sport Management (**Retain** subject area and course listings on page 213 of the 1999-2000 Undergraduate Catalog)

**Drop Course**

391 Psychology of Coaching (2)

416 Athletic Coaching Field Experience (3)

**Revise Course Prereq/Coreq**

390 Practicum II (3) Supervised part-time experience at approved site offering sport management opportunities. Requires 120 clock hours per semester. S/NC only. Prereq: Sport Management majors, min. cum. 2.5 GPA and Sport Management 290, or consent of instructor. E

**Revise Cross Listing**

415 Development and Maintenance of Leisure, Sport, and Tourism Services (3) Same as Recreation and Tourism Management 415

Exercise Science (**Retain** subject area and course listings on page 184 of the 1999-2000 Undergraduate Catalog)

**Revise Course Title, Description, and Prereq/Coreq**

411 Physical Activity for Special Populations (3) Nature of various disabilities and implications for physical activity programming. Course requirements include out-of-class practicum working with individuals who have disabilities. Prereq: ES 332 Applied Anatomy or consent of instructor, Exercise Science majors, min. cum. 2.5 GPA .

**Revise prereq/coreq**

414 Fitness Testing and Exercise Prescription (3) Relationship of exercise to cardiorespiratory function, body composition, strength and flexibility. Measurement and evaluation of fitness in normal populations. Prereq: Biochemistry and Cellular and Molecular Biology 230; Exercise Science majors, min. cum. 2.5 GPA.

480 Physiology of Exercise (3) Lecture and class dealing with functions of the body in muscular work. Topics include physiological aspects of fatigue, training, and adaptation to environment. 2 lectures and 1 lab. Prereq: Biochemistry and Cellular and Molecular Biology 230 or 440. (Same as Biochemistry and Cellular and Molecular Biology 480). Exercise Science majors, min. cum. 2.5 GPA.



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EDUCATIONAL ADMINISTRATION AND CULTURAL STUDIES DEPARTMENT

Cultural Studies (**Retain** subject area and course listings on page 175 of the 1999-2000 Undergraduate Catalog)

**Add Course**

391 Psychology of Coaching (2) Major topics and theories dealing with social-psychological factors affecting and relating to sport performance, with practical implications and applications to teaching and coaching. Prereq: Progression to major or consent of instructor.

INSTRUCTIONAL TECHNOLOGY, CURRICULUM, and EVALUATION DEPARTMENT

**Revise** Education in the Mathematics, Science, Research and Technology Unit and Subject Area: New Title: **Instructional Technology, Curriculum and Evaluation**. Retain courses unless otherwise indicated from page 176 of the 1999-2000 Undergraduate Catalog.

**Revise** Course Description and Prerequisite

203 Field Study in Education (1-3) Problems of persons in active service in the field, includes methods of teaching, curriculum materials, school-community relations, and school organizations. May be repeated. Maximum 6 hours.

**Drop** Courses

352 Field Experience in Teaching: Secondary I (1)

353 Field Experience in Teaching: Secondary II (1)

485 Teaching of Mathematics, Grades 7-12 (3)

496 Teaching Science Grades 7-12 (3)

THEORY AND PRACTICE OF TEACHER EDUCATION DEPARTMENT

**Retain** Art Ed Subject Area and Course listings from page 166 of the 1999-2000 Undergraduate Catalog.

**Delete** Holistic Teaching and Learning Subject Area from page 191 of the 1999-2000 Undergraduate Catalog.

**Add** Theory and Practice of Teacher Education Subject Area with the following courses:

203 Field Study in Education (1-3)  
(Formerly: HTL 203)

492 Directed Independent Study (1-3)  
(Formerly: HTL 492)

493 Independent Study (1-3)  
(Formerly: HTL 493)

494 Supervised Readings (1-3)  
(Formerly: HTL 494)

495 Special Topics (1-3)  
(Formerly: HTL 495)

**Delete** Inclusive Early Childhood Education Subject Area on page 193 of the 1999-2000 Undergraduate Catalog.

**Add** Early Childhood Education Subject Area with the following courses:

410 Early Childhood Special Education Foundations (3)  
(Formerly: IECE 410)

445 Early Childhood Education: Program Development and teaching in Kindergarten (3)  
(Formerly: IECE 445)

471 Early Childhood Special Education (6)  
(Formerly: IECE 471)

472 Field Experience in Early Childhood Special Education (2-5)  
(Formerly: IECE 472)

**Add** course

422 Early Childhood Teaching Methods (6) Methods and materials for teaching in early childhood classrooms focusing on K-4th grade. Emphasis on holistic integrative approaches to curricular development and presentation. Prereq: Pre-K-4th licensure program and Admitted to Teacher Education.

**Add** Elementary Education Subject Area with the following courses:

325 Teaching Science and Social Studies in Elementary and Middle Schools (3)  
(Formerly: HTL 325)

326 Teaching Language Arts/Reading in Elementary and Middle Schools (3)  
(Formerly: HTL 326)

351 Laboratory and Field Studies in Elementary Education (1)  
(Formerly: HTL 351)

356 Elementary and Middle School Teaching Laboratory Experience (1)  
(Formerly: HTL 356)

421 Elementary and Middle School Science and Social Studies Instruction (3)  
(Formerly: HTL 421)

422 Elementary and Middle School Teaching Methods (6)  
(Formerly: HTL 422)

424 Studies in Elementary Education (1-3)  
(Formerly: HTL 424)

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429 Language Arts/Reading Instruction in Elementary and Middle School (3)  
(Formerly: HTL 429)

493 Independent Study (1-3)  
(Formerly: IECE 493)

494 Supervised Readings (1-3)  
(Formerly: IECE 494)

495 Special Topics (1-3)  
(Formerly: IECE 495)

**Delete** Language, Communications and Humanities Education Subject Area on page 195 of the 1999-2000 Undergraduate Catalog.

**Add** English Education Subject Area with the following courses:

141 Efficient Reading and Study Skills (2)  
(Formerly: LCHE 141)

453 Adolescent Literature (3)  
(Formerly: LCHE 453)

456 Teaching Speech and Drama, Grades 7-12 (3)  
(Formerly: LCHE 456)

459 Teaching English in the Secondary School (3)  
(Formerly: LCHE 459)

460 Teaching Reading and Literature in the Secondary School (3)  
(Formerly: LCHE 460)

461 Developing Reading Skills in Content Fields (3)  
(Formerly: LCHE 461)

493 Independent Study (1-3)  
(Formerly: LCHE 493)

494 Supervised Readings (1-3)  
(Formerly: LCHE 494)

495 Special Topics (1-3)  
(Formerly: LCHE 495)

**Add** Foreign Language/ESL Education Subject Area with the following course:

455 Teaching of Foreign Language, Grades 7-12 (3)  
(Formerly: LCHE 455)

**Add** Mathematics Education Subject Area with the following courses:

485 Teaching of Mathematics, Grades 7-12 (3)  
(Formerly: EDSMRT 485)

**Add** Reading Education Subject Area with the following courses:

329 Teaching Developmental Reading in the Elementary and Middle Schools (3)  
(Formerly: HTL 329)

430 Elementary and Middle School Developmental Reading Instruction (3)  
(Formerly: HTL 430)

**Add** Science Education Subject Area with the following courses:

352 Field Experiences in Teaching: Secondary 1 (1)  
(Formerly: EDSMRT 352)

353 Field Experience in Teaching: Secondary II (1)  
(Formerly: EDSMRT 353)

493 Independent Study (1-3)  
(Formerly: EDSMRT 493)

494 Supervised Readings (1-3)  
(Formerly: EDSMRT 494)

495 Special Topics (1-3)  
(Formerly: EDSMRT 495)

496 Teaching Sciences Grades 7-12 (3)  
(Formerly: EDSMRT 496)

**Add** Special Education Subject Area with the following courses:

310 Special Education Principles (3)  
(Formerly: HTL 310)

320 Special Education Strategies (3)  
(Formerly: HTL 320)

419 Psychology and Education of Students with Mild Disabilities (6)  
(Formerly: HTL 419)

420 Field Experience in Modified Programs (3)  
(Formerly: HTL 420)

431 Field Experience in Comprehensive Programs (3)  
(Formerly: HTL 431)

432 Psychology and Education of Students with Moderate/Severe Disabilities (6)  
(Formerly: HTL 432)

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454 Education of the Gifted and Talented Children (3)  
(Formerly: IECE 454)

456 Speech and Language Basis of Learning Disabilities in the Classroom (3)  
(Formerly: HTL 455)

470 Psychology of the Exceptional Child (3)  
(Formerly: HTL 470)

**Revise Program**

On Page 121 of the 1999-2000 Undergraduate Catalog, **delete the Special Education: Modified and Comprehensive Concentration.**

Physical Education Activity (**Retain** subject area and course listings on page 204 of the 1999-2000 Undergraduate Catalog.

**Add Description**

200 Special Topics (1-2) Selected topics in various activities not covered in the regular program. When content varies, may be repeated. Maximum 6 hours.

202 Badminton (1) Fundamental badminton technique, game strategy, and rules for singles and doubles play.

206 Bowling (1) Introduction to ball selection, approach, spot bowling, rules, scoring, etiquette, and basic terminology necessary for enjoyable recreational bowling.

210 Folk and Square Dance (2) Folk dances from different countries. Two-step, polka, schottische, waltz, and shuffle steps in square mixers, contra and round dances.

211 Golf (1) Introduction to chipping, putting, full swing, rules, etiquette, and scoring necessary for enjoyable recreational play.

213 Ice Skating (1) Beginning skills and etiquette in ice skating. Satisfactory/No credit grading only.

216 Martial Arts (Special Topics) (2) Special Topics. Selected topics in various forms of martial arts, including but not limited to jujitsu, judo, karate, and tai chi. When Content varies, may be repeated. Maximum 6 hours.

222 Paddleball (1) Introduction to forehand, backhand, drop, drive and lob shots, footwork, court position.

223 Personal Safety and Self Defense (1) Develop and enhance the options of self defense so they may become viable considerations, for personal safety. Satisfactory/ No Credit grading only.

224 Physical Fitness: Conditioning (1) Develop and enhance the options of self defense so they may become viable considerations. Satisfactory/No Credit grading only.

225 Physical Fitness: Exercise to Music (1) Total body workout to music with lecture emphasis on basic fitness components of flexibility strength an cardiovascular fitness.

- 226 Exercise and Weight Control (1) Fitness activities and basic fundamentals of nutrition for students interested in losing weight: includes body composition assessment and instruction on achieving a goal weight.
- 229 Physical Fitness: Jogging (1) General factors on physical fitness with emphasis on the improvement of cardiovascular fitness through jogging.
- 230 Physical Fitness: Swimming (1) Introductory course outlining basic principles of fitness, evaluation, and workout design in the aquatic environment.
- 231 Physical Fitness: Walking (1) Course for those wishing to begin a fitness program: includes measurement and interpretation of fitness components, including body composition, cardio-respiratory fitness, low back function and nutrition.
- 232 Racquetball I (1) Pass, kill, ceiling shots, and basic serves. Singles and doubles strategy, necessary for recreational play.
- 233 Racquetball II (1) Stroke refinement. Forehand and backhand kill shots, advanced strategy, and introduction to competitive play.
- 234 Soccer (1) Introduction to individual and team fundamentals, rules, and strategy.
- 235 Social Dance (2) Popular ballroom dance forms such as the swing (shag), foxtrot, cha cha, tango and rumba.
- 236 Softball (1) Introduction to individual and team fundamentals, rules and strategy.
- 239 Beginning Swimming (1) Includes skills in the American Red Cross basic swimming course for the non-swimmer.
- 240 Intermediate Swimming (1) Crawl stroke, elementary back stroke, side stroke, back crawl, breast stroke, entries and turns.
- 244 Tennis I (2) Introduction to forehand, backhand, serve, volley, rules, scoring and simple strategy.
- 245 Tennis II (1) Development of accuracy and improved technique of ground strokes and serve; introduction to smash, spin serve, and advanced strategy.
- 249 Tumbling I (1) Beginning tumbling skills including forward and backward rolls, twisting, balance, agility, and combinations.
- 250 Tumbling II (1) Front and back handsprings, front and back somersaults, and combinations.
- 251 Volleyball (1) Introduction to individual and team fundamentals, rules, and strategy.
- 252 Weight Training (1) Introduction to the principles of strength development for large muscle groups through the use of free weights and machines.
- 254 Yoga and Relaxation (1) Introduction to yoga and various forms of relaxation, with the majority of class time spent learning and refining the postures.
- 259 Snow Skiing (1) Development of skills necessary to balance, walk and slide while on skis. Learn ski etiquette and "Skier's Responsibility Code." Satisfactory/No Credit grading only.

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260 Western Dance (1) Popular western dance forms including line dances, western social dances, mixers and couples.

261 Scuba Diving (1) Introduction and developmental SCUBA diving skills as well as the theory, safety skills and practical application of skills to open water SCUBA diving.

EDUCATION


**Retain** Education Subject Area and Course Listings on page 176 of the 1999-2000 Undergraduate Catalog. (There are no changes in this area.)

THE UNIVERSITY OF TENNESSEE  
KNOXVILLE



**MEMORANDUM**

Associate Dean of Engineering  
Academic Affairs  
101 Perkins Hall  
Knoxville, Tennessee 37996-2011  
(423) 974-2454  
FAX (423) 974-9879

To: Undergraduate Council  
From: Fred Gilliam   
Subject: College of Engineering Agenda for January 20, 2000 Meeting  
Date: January 6, 2000

A summary of the College of Engineering agenda for the January 20 meeting is shown below. The detailed proposals are attached. The faculty of the College of Engineering has approved each agenda item.

**Chemical Engineering**

Revise showcase curriculum  
Revise one course

**Civil and Environmental Engineering**

Revise showcase curriculum

**Electrical and Computer Engineering**

Revise depth requirement for senior level ECE courses

**Engineering Fundamentals**

Drop seven Basic Engineering courses  
Revise one Basic Engineering course to become an EF course

**Industrial Engineering**

Revise twelve courses  
Revise showcase curriculum

**Materials Science and Engineering**

Revise requirements for the MSE minor



**Mechanical and Aerospace Engineering and Engineering Science**

**Aerospace Engineering**

Revise four Aerospace Engineering courses  
Revise Aerospace Engineering showcase curriculum

**Engineering Science**

Change BS in Engineering Science degree program to BS in Biomedical Engineering program  
Drop Engineering Science showcase curriculum  
Drop Engineering Science with Biomedical Engineering concentration showcase curriculum  
Add Biomedical Engineering showcase curriculum  
Revise three ES courses to become BME courses  
Add eight BME courses  
Drop three ES courses

**Mechanical Engineering**

Add one course  
Revise Mechanical Engineering showcase curriculum

**Nuclear Engineering**

Revise one course  
Add two courses  
Revise one cross-listed course

### Chemical Engineering

On page 133 of the 1999-2000 Undergraduate Catalog, revise the Chemical Engineering curriculum as follows:

<b>Sophomore</b>	<b>Hours Credit</b>
Chemical Engineering 200, 230, 240, 330	14
Chemistry 310-319	4
Materials Science and Engineering 201	3
Mathematics 200, 231, 241	8
General Education Electives	6
<b>Junior</b>	
Chemical Engineering 301, 310, 340, 360, 380	14
Physics 231	3
Chemistry Option	3
Chemistry 350	3
Chemistry 320, 360, or 483	3
General Education Electives	3
Technical Writing Electives	3
<b>Senior</b>	
Chemical Engineering 401, 410, 445, 450, 480, 488 or 490	17
Technical Electives	9
General Education Electives	6
Total: 133 hours	

Revise corequisite and prerequisite:

450 Chemical Reactor Fundamentals (3) Prereq: 240, 340, 360, 301  
(Formerly: Prereq: 340, 360, 301).

Effective Date: Fall 2000

### Civil and Environmental Engineering

On page 133 of the 1999-2000 Undergraduate Catalog, revise the Civil Engineering curriculum as follows:

<b>Sophomore</b>	
Mathematics 231, 241, 251	10
Physics 231	3
Statistics 251	3
Nuclear Engineering 203	3
Civil Engineering 205, 210, 261	9
<sup>1</sup> General Education Electives	6
<b>Junior</b>	
Civil Engineering 321, 351, 361, 390	13
Civil Engineering 305, 330, 352, 380, 395	14
<sup>1</sup> General Education Electives	6
<b>Senior</b>	
Civil Engineering 435, 442, 471, 480	12
Civil Engineering 400, 401, 440	7

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Civil Engineering Electives	3
Technical Electives	6
<sup>1</sup> General Education Electives	6
Total: 135 hours	

<sup>1</sup>See College list of approved courses. All electives must be pre-approved by the advisor and department head.

Effective Date: Fall, 2000

### **Electrical and Computer Engineering**

On page 128 of the 1999-2000 Undergraduate Catalog, in the third paragraph of the "Program" section, revise the depth requirement:

From:

The depth requirement is met by taking a two-course sequence in one of the five core areas of communications, computers, electronics, power, and systems.

To:

The depth requirement is met by taking two courses in one of the five core areas of communications, computers, electronics, power, and systems.

Effective date: Fall, 2000

### **Engineering Fundamentals**

Drop Basic Engineering Courses:

100	Seminar (1)
101	Computer Programming (3)
111	Fundamentals of Engineering Graphics (3)
121	Statics (3)
131	Particle Dynamics (3)
201	Numerical Techniques (2)
211	Engineering Design Workshop (3)

Effective Date: Fall, 2000

Revise Course Prefix:

Engineering Fundamentals 301 (1) Engineering Career Planning and Placement  
(Formerly: Basic Engineering 301 (1) Engineering Career Planning and Placement)

Effective Date: Fall, 2000

## Industrial Engineering

Revise Course Title, Description and Prerequisites:

- 202 Work Methods and Measurement (3) (Formerly: Production Systems Analysis and Design)  
Productivity and work design. Techniques of work methods design including flow, activity, and worker machine charts as well as work methods improvement techniques and procedures. Human work design criteria for the improvement of work methods. Stopwatch time studies, predetermined time systems, and work sampling are used to establish, document, and maintain time standards, standard data, and allowances. Learning curves and wage payment systems. 2 hours lecture, 2 lab. Prereq: Engineering Fundamentals 101; Coreq: Statistics 251 (Formerly: Prereq: Statistics 251)

Effective date: Fall, 2000

Revise Prerequisites:

- 301 Operations Research in Industrial Engineering (3)  
Prereq: Math 200 and 231; Coreq: 300  
(Formerly: Prereq: Math 231 and 200)

Effective date: Fall 2000

- 304 Introduction to Human Factors Engineering (3)  
Prereq: Jr. Standing and Consent of Instructor  
(Formerly: Prereq: Jr. Standing)

Effective date: Fall 2000

- 306 Simulation (3)  
Prereq: 202, 301  
(Formerly: Prereq: 202, 302 and Statistics 251, or consent of instructor)

Effective date: Fall 2000

- 310 Operations Research II (3)  
Prereq: 301  
(Formerly: Prereq: 300, 301; Statistics 251)

Effective date: Fall 2000

- 330 Manufacturing Materials Processes (3)  
Prereq: MSE 201  
(Formerly: Prereq: Chemistry 130, Materials Science and Engineering 201)

Effective date: Fall 2000

- 401 Integrated Manufacturing Systems (3)  
Prereq: 330  
(Formerly: Prereq: 400)

Effective date: Fall 2000

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- 402 Production System Planning and Control (3)  
Prereq: 202; Coreq: IE 401  
(Formerly: Prereq: 301)

Effective date: Fall 2000

- 403 Production Facilities Design and Material Handling (3)  
Prereq: 306; Coreq: 401  
(Formerly: Prereq: 202, 306, 401)

Effective date: Fall 2000

- 421 Information Systems Analysis and Design (3)  
Senior Standing or consent of Instructor  
(Formerly: Prereq: 306 or consent of instructor)

Effective date: Fall 2000

- 422 Senior Industrial Engineering Problems Analysis (3)  
Expected term of Graduation or consent of instructor  
(Formerly: Prereq: 402, 403 and 405)

Effective date: Fall 2000

- 440 Process Improvement Through Planned Experimentation (3)  
Prereq: 300  
(Formerly: Prereq: 300, 306, Statistics 251 or consent of instructor)

Effective date: Fall 2000

On page 133 of the 1999-2000 Undergraduate Catalog revise the Industrial Engineering Curriculum as follows:

	<b>Hours Credit</b>
<b>Sophomore</b>	
English Electives	6
Math 200, 231, 241	8
Physics 231	3
Engineering Science 231	3
Industrial Engineering 202	3
Accounting 201	3
Statistics 251	3
Materials Science and Engineering 201	3
<b>Junior</b>	
Electrical Engineering 301	3
Industrial Engineering 300,301,304,310, 330	15
Economics 201	4
Nuclear Engineering 203	3
Nuclear Engineering 342	3
General Education Elective	3
<b>Senior</b>	
Industrial Engineering 306,401,402,403, 404	14
Industrial Engineering 405,421,422,440	12
Technical Elective	3
General Education Electives	6
Total: 132 hours	

## Materials Science and Engineering

On page 130 of the Undergraduate Catalog revise the course requirements for the minor in Materials Science and Engineering as follows:

### COURSE REQUIREMENTS

#### Required courses:

Materials Science and Engineering 201 and 380.

#### Choose at least one:

Materials Science and Engineering 410, 402, 340, 360, and 472.

**Choose at least three**, at least one of which must be at the 400 level:

Any of the Materials Science and Engineering 300-400 courses;

Civil and Environmental Engineering 321 and 421;

Chemical Engineering 330 and 447;

Industrial Engineering 330

Mechanical Engineering 366 and 466;

Engineering Science 321, 322, 323, 423, 426, and 473;

Chemistry 350-360, 369, 430, 450, 473-483, 479-489, 484, and 490; Physics 342,411-412, and 431-432;

Other courses in this category may be acceptable, but must be approved in advance by the Department of Materials Science and Engineering.

Mechanical and Aerospace Engineering and Engineering Science

## Aerospace Engineering

Revise course description, prerequisites and semester offered:

424 Astronautics (3) Orbital mechanics, propulsion, atmospheric reentry of space vehicles including reentry thermal protection materials, human factors in space flight, the space environment and current topics. Prereq: 351. Coreq: ME 344. F

(Formerly: Prereq: 351 or consent of instructor. Sp)

Revise prerequisites:

422 Aerodynamics (3)

Prerequisites: 351, 370

(Formerly: 370)

429 Aerospace System Design (4)

Prerequisites: 422, 425, 426

(Formerly: 425,426 )

449 Aerospace Engineering Laboratory (3)

Prerequisites: 345, 351, 425

(Formerly: 345,351 )

On page 132 of the 1999-2000 Undergraduate Catalog revise the Aerospace Engineering curriculum as follows:

Sophomore	Hours	Credit
Mathematics 231, 241	7	
Mathematics 200	1	
Physics 231, 232	7	

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Engineering Science 231, 321	6
Materials Science and Engineering 201	3
Mechanical Engineering 331	3
Economics 201	4
<sup>1</sup> General Education Elective	3
<b>Junior</b>	
Mechanical Engineering 332, 363, 391	9
Aerospace Engineering 345, 351, 363, 370	12
Electrical Engineering 301, 302	6
Engineering Science 341	3
<sup>1</sup> General Education Electives	6
<b>Senior</b>	
Mechanical Engineering 344, 451, 402	7
Aerospace Engineering 426, 429	6
Aerospace Engineering 422, 424, 425	9
Aerospace Engineering 431, 449	4
<sup>1</sup> General Education Electives	5
Total: 135 hours	

<sup>1</sup>General Education Electives: minimum of 14 hours required. (See College of Engineering General Requirements.)

**Engineering Science**

Change name of Engineering Science degree program to Biomedical Engineering degree program.

On page 133 of the 1999-2000 Undergraduate Catalog, drop the Engineering Science showcase curriculum.

On page 133 of the 1999-2000 Undergraduate Catalog, drop the Engineering Science: Biomedical Engineering Concentration curriculum.

Add Biomedical Engineering showcase curriculum as follows:

<b>Sophomore</b>	<b>Hours Credit</b>
Physics 231,232	7
Math 241, 231, 200	8
Engineering Science 231, 321	6
Biomedical Engineering 271	3
Biology 130, 140	8
Materials Science and Engineering 201	3
<b>Junior</b>	
Technical Electives	6
Electrical Engineering 301	3
Engineering Science 341	3
Biomedical Engineering 300	3
Materials Science and Engineering 474	3
Economics 201	4
Mechanical Engineering 331	3
Biomedical Engineering 301, 310, 346	7
Philosophy 345	3

**Senior**

Biomedical Engineering 455, 430, 431	6
Engineering Electives	6
General Ed Elective	3
Mechanical Engineering 402	1
Biomedical Engineering 469	4
Biomedical Engineering Elective	3
General Ed Electives	8

Total: 135 hours

Effective Date: Fall 2000

Revise course prefix, description and prerequisites:

BME 271	Introduction to Biomedical Engineering (3) (Formerly: ES 271) Application of the skills developed in Engineering Fundamentals for biomedical engineers. The relationship of anatomy, physiology, and biochemistry to the design of artificial organs, orthopedics implants, medical imaging, and other biomedical applications is explored. Prereq: EF 102 (Formerly: Coreq: Math 241 or consent of instructor)
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Revise course prefix, title, description, and prerequisites:

BME 301	Biomedical Seminar I (1) (Formerly: ES 301) Engineering Professionalism and career planning: seminars on current BME topics. Satisfactory/No Credit. Prereq: Junior Standing in BME (Formerly: Prereq: Junior standing in ES&M.)
BME 473	Applied Biomechanics (3) (Formerly: ES 473) Applications of biomechanics to the industrial and orthopedic area. Design of orthopedic implant devices; biomechanics of injury and protection. Prereq: ES 321, MSE 474, BME 310. (Formerly: Prereq: ES 321)

Add a New Category of courses, "Biomedical Engineering (192)" with the following courses and course descriptions:

BME 300	Engineering Physiology (3) The study of human physiology, with an emphasis on making engineering decisions, and the development of computational models. Prereq: BME 271, Biol. 130 - 140.
BME 310	Biomechanics (3) The application of mechanics of materials and fluid mechanics to biomedical engineering problems. The special characteristics of living tissue and biological fluids and their effects on computational problems will be introduced. Prereq: ES 231, 341, BME 300.
BME 346	Design of Experiments (3) Study of probability and statistic and design of experiments as applied to biomedical engineering. Application of statistical tools to biomedical experimentation, manufacturing methods, and biomedical research planning. Prereq: BME 300, Math 200, 241.



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- BME 408      Cell and Tissue Engineering (3)  
Culture of mammalian cells. Effects of mechanical forces on cells. Tissue engineering of cardiovascular and orthopedic devices.  
Prereq: Biol. 140, BME 300, BME 310.
- BME 430      Biomedical Engineering Laboratory (3)  
This course provides experience with the unique problems associated with making measurements and interpreting data in living systems; experiments may include electrical safety, biological fluid flow, mechanical testing of biological materials, and human measurements.  
Prereq: BME 310, BME 346.
- BME 431      Biomedical Seminar II (1)  
Topics related to engineering including ethics. Formal oral presentation by students on biomedical engineering topics.  
Prereq: Senior Standing.
- BME 455      Biomedical Engineering Design I (2)  
Engineering economics, optimization, design for automation, reliability, patents and product liability; design of biomedical systems. Participation in team design efforts: requires design report. Prereq: BME 310, MSE 474.
- BME 469      Biomedical Engineering Design II (4)  
Design of complete biomedical device: documentation includes complete specification, design calculations, preparation of working drawings, and cost analysis. Written and oral reports. Prereq: BME 430, BME 455.

Effective Date: Fall 2000

Drop:

- ES 433 Dynamic Systems (3)  
ES 435 Engineering Acoustics (3)  
ES 461 Experimental Stress Analysis (3)

Effective Date: Fall 2000

**Mechanical Engineering**

Add:

- ME 402      Fundamentals of Engineering (1)  
The course reviews topics covered on the Fundamentals of Engineering exam. Letter grade only. Prereq: Senior standing in Engineering

Effective Date: Spring 2000

On page 134 of the 1999-2000 Undergraduate Catalog revise the Mechanical Engineering curriculum as follows:

<b>Sophomore</b>	<b>Hours Credit</b>
Mathematics 241, 231, 200	8
Physics 231, 232	7
Engineering Science 231, 321	6
Materials Science and Engineering 201	3
Mechanical Engineering 331	3
Economics 201	4
<sup>1</sup> General Education Electives	2
<b>Junior</b>	
Mechanical Engineering 391, 344, 363, 366, 345, 332, 365	21
Electrical Engineering 301, 302	6
Engineering Science 341	3
<sup>1</sup> General Education Electives	6
<b>Senior</b>	
Mechanical Engineering 401, 451, 466, 475, 449, 431	14
Mechanical Engineering 451 and 469 or 456 and 479	6
Technical Elective	3
Technical Elective (to be selected from ES 452, AE 351, IE 300)	3
<sup>1</sup> General Education Electives	6
Total: 135 hours	

<sup>1</sup>General Education Electives: See College of Engineering General Requirements.

### **Nuclear Engineering**

Revise Course Title, Description and Prerequisite:

- 351 Nuclear System Dynamics and Control (3) (Formerly: System Modeling and Simulation) System modeling and time-domain response, transfer functions, frequency-domain response, stability, state-space methods, and control design. Nuclear reactor kinetics, nodal modeling of core heat transfer, reactor control systems, and nuclear plant transient response are discussed. System simulation and control using PC-based software and toolboxes. Coreq: 301 (Formerly: Prereq: 301)

Effective Date: Summer 2000

Add:

- 483 Introduction to Reliability Engineering (3) Probabilistic failure models, parameter estimation (maximum likelihood, Bayes techniques), Model identification and comparison, accelerated life tests, failure prediction, system reliability, preventive maintenance and warranties. Prereq: Senior standing or consent of instructor.
- 498 Research (1-3) Research related to recent developments in nuclear and radiological engineering. May be repeated up to a maximum of 3 credits. Prereq: Consent of department head. Satisfactory/No Credit.

Effective date: Summer 2000

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Revise Course Title and Crosslist:

484 Introduction to Maintenance Engineering (3)  
Formerly: NE 484 Introduction to Maintenance and Reliability Engineering

Revise title for the following crosslisted courses:

IE 484 Introduction to Maintenance Engineering (3). (Same as Nuclear Engineering 484.)  
Formerly: IE 484 Introduction to Maintenance and Reliability Engineering

MSE 484 Introduction to Maintenance Engineering (3). (Same as Nuclear Engineering 484.)  
Formerly: MSE 484 Introduction to Maintenance and Reliability Engineering

ME 484 Introduction to Maintenance Engineering (3). (Same as Nuclear Engineering 484.)  
Formerly: ME 484 Introduction to Maintenance and Reliability Engineering



College of Human Ecology  
Office of the Dean  
1215 West Cumberland Avenue, Room 110  
Knoxville, TN 37996-1900

**MEMORANDUM**

To: Members of the Undergraduate Council

From: James Moran, Dean, College of Human Ecology

Date: January 6, 2000

The following changes have been approved by faculty of the respective program areas, departments and divisional curriculum committees within the College of Human Ecology. I request that they be placed on the agenda for discussion at the January 20, 2000 meeting of the undergraduate committee. A brief overview of the major changes to be considered:

1. Revisions to College Policies.
2. Revisions to acceptable general education electives required for disciplines within the college.
3. Revisions to the Child Development major to add Early Childhood Administration and Early Childhood Development concentrations and revise progression requirements.
4. Revisions of the Dual Licensure ECE/ECSE program showcase, adding ASP 461 and IECE 472, dropping 3 hours of electives, and reducing the CFS 471 credit hours required from 9 to 3.
5. Drop the teacher education option for secondary vocational family and consumer sciences from the Family Studies major.
6. Revision of the program title from Home Economics/Family and Consumer Sciences Education to Family and Consumer Sciences Education.
7. Major revision of the Hotel & Restaurant Administration degree program. These revisions also include a change to the degree title, addition of 13 courses. Cross-listing of two new courses and one existing course. Drop four courses.
8. Revision of the Retail and Consumer Sciences showcase and degree title.
9. Revision of eight existing RCS course titles, descriptions and/or prereqs. Addition of four RCS courses. Cross-list three existing courses.
10. Revision of Commercial Recreation and Tourism Management Concentration to reflect a business minor rather than an economics minor.
11. Drop Sport Management Concentration.
12. Drop cross-listing of RTM 415 with SM 415.

13. Revise catalog description of RTM courses to reflect the dropping of the Sport Management concentration.
14. Revision of the Community Health Education degree requirements.
15. Correction of hours for EEB 240 from 5 to 3 in the Community Health Education showcase.
16. Revision of Public Health 305 course title and description.
17. Addition/Revision of progression requirements for the Human Resource Development: Training and Development and Teacher Education concentrations.
18. Revision of description and prerequisites of nine HRD courses, revision of description of two courses and revision of the title, description and prerequisites of one course.
19. Drop two HRD courses and add one HRD course.
20. Drop Endorsements under Family and Consumer Sciences Education and drop the HE 430 course.
21. Revision to the Nutrition minor.
22. Add two new Nutrition courses.
23. Revisions of the Nutrition showcase.

**COLLEGE OF HUMAN ECOLOGY**

Revise College Policies on page 135

**FROM:**

Students working toward degrees must complete the last 30 hours of work (two semesters) at UT Knoxville, in a degree program within the College of Human Ecology. Forty-eight hours must be earned in 300-400 level courses. Usual course loads of College majors are 15-16 hours; course loads over 19 hours must be approved by the Dean's Office at the time of registration. Prospective transfer students are advised to plan a total college program before starting any college-level work to achieve maximum use of credit and sequence of course work.

The Satisfactory/No Credit option applies only to non-specified elective hours. No course that is a part of the specific requirements of the student's major can be taken under this option unless the course is only offered S/NC. Specified electives required by the various departments cannot be taken as S/NC. A student who wishes to take a S/NC course must indicate this at the time of registration.

Students wishing to transfer to the College must have at least a 2.0 grade point average on a 4.0 scale. Progression requirements for each program must also be met.

Students are assigned to an advisor in the specific program area. New transfer students are advised initially by the college Advising Center and then are assigned departmental program advisors. Students meet with academic advisors each semester. These conferences are designed to help students define choices to achieve academic success; identify career choices available; attain a balance between general education and professional studies; and, identify problems and potential solutions early in the academic program.

All students in the College take CFS 220 - Marriage and Family: Roles and Relationships; and Human Ecology 410 - Human Ecological Systems. These courses help students understand the nature of the profession and its role in serving individuals and families in the environments in which they live and to integrate this knowledge into their areas of specialization.

**TO:**

Degree requirements for all majors within the College of Human Ecology:

- 1) Comply with all University degree requirements as stated under "Academic Policies" in the Undergraduate Catalog.
- 2) Meet all requirements specified by the major.
- 3) Complete at least 48 credit hours in courses numbered 300 or above.
- 4) Earn a minimum grade of "C" in all major-prefix courses. Individual majors may require a "C" or above in additional specified courses. See curriculum and progression information for details.

All students in the College take Child and Family Studies 220 - Marriage and the Family: Roles and Relationships or Retail and Consumer Sciences 341 - Family and Consumer Behavior; and Human Ecology 410 - Human Ecological Systems. These courses help students understand the nature of the profession and its role in serving individuals and families in the environments in which they live and to integrate this knowledge into their areas of specialization.

**TRANSFER STUDENTS**

Freshmen students (those who have completed fewer than 30 hours) may enter the College of Human Ecology if their cumulative grade point average is at least a 2.0. Transfer students (those with 30 or more hours completed) from other institutions or from other colleges within the University may transfer to the College of Human Ecology if their cumulative grade point average is at least a 2.3. See "Progression Requirements" for details about specific major requirements.

**MAXIMUM COURSE LOADS**

Course loads over 19 hours must be approved by the Dean's office prior to registration. The maximum course load in Summer Term is 12 hours. Overloads in any semester are normally not approved for a student whose grade point average is below a 3.0.

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**SATISFACTORY/NO CREDIT GRADING**

The Satisfactory/No Credit grading option applies only to non-specified elective hours. No course that is part of the specified requirements of the student's major can be taken under this option unless the course is only offered S/NC.

**ADVISING**

Students typically are assigned to a faculty advisor in the major after completing 30 hours of credit. New transfer students are advised initially by the college Advising Center and then are assigned faculty advisors. Students meet with academic advisors each semester. These conferences are designed to help students achieve academic success by identifying career choices, attaining a balance between general education and professional studies, and identifying problems and potential solutions early in the academic program.

**Selection of General Education Electives in Human Ecology Curricula**

Some curricula may specify particular courses to fulfill the University's general education requirements. Unless specified by the major, the following courses will be acceptable.

**Natural Science Electives:** Any two courses from those areas listed below:

Astronomy, Biology, Botany, Chemistry, Geography, Geology or Physics.

**Social Science Electives:** Courses chosen from Psychology, Sociology, Anthropology, Political Science, African American Studies, Medieval Studies, Women's Studies, University Studies, or Economics.

**Humanities Electives:** Survey courses chosen from Art History, Classics, Music History, Literature, Philosophy, Foreign Language at the 200 level or above, Religious Studies or Speech Communication.

**History Electives:** Unless specified by the curriculum, any two History-prefix courses may be chosen. A sequence is not required, nor is a non-U.S. History required. Students may choose any two from the nearly 100 courses offered by the History department.

**Department of Child and Family Studies**

Revision to the Child Development Major showcase on page 137:

FROM:

<b>Freshman</b>	<b>Hours Credit</b>
Child and Family Studies 110	3
Electives	3
Child and Family Studies 211	3
English 101,102	6
<sup>1,2</sup> Humanities Elective	3
Mathematics 110, 115	6
<sup>1,3</sup> Natural Science Elective	6-8
<b>Sophomore</b>	
Child and Family Studies 213, 350, 351	11
Child and Family Studies 220	3
<sup>4</sup> History Electives	3
<sup>2</sup> Humanities Electives	3
Nutrition 100	3
Electives	7
<b>Junior</b>	
Child and Family Studies 220, 352, 450, 451	12
Human Ecology 410	3
Health 310	3
<sup>5</sup> Social Science Electives	6
<sup>1,6</sup> Electives	6
<b>Senior</b>	
Child and Family Studies 470	15
<sup>1,7</sup> Child and Family Studies	9
Restricted Electives	9
Human Resource Development 210	3
<sup>1,5</sup> Social Science Elective	3
<sup>1,6</sup> Electives	0-4

<sup>1</sup>Students preparing for Early Childhood Education licensure must take Biology 110, 120 for natural science electives; Psy 110 as a social science elective; Speech 210 or 220 as a humanities elective; and IS 330, CFS 353, EDUC 400, EDUC 401, CFS 422, and 5 hours of electives instead of 9 hours CFS restricted electives, 6 hours social science electives, CFS 210 and 4 hours electives.

<sup>2</sup>Courses are to be chosen from two of the following categories: literature; speech oral interpretation; art or music appreciation; philosophy or religious studies.

<sup>3</sup>One of the following sequences is to be chosen: Astronomy 151-152, Biology 110-120, Botany 110-120, Chemistry 100-110, Chemistry 120-130, Geography 131-132, Geology 101-102, Physics 121-122.

<sup>4</sup>One semester of American History and one semester of another course with a history prefix.

<sup>5</sup>Select at least 3 hours from either political science, economics, psychology, sociology, geography or anthropology. Additional courses can be taken from applied fields such as nursing, social work, human services and health.

<sup>6</sup>At least 48 hours in 300-400 level courses are required.

<sup>7</sup>CFS Restricted electives: Students must select 9 semester hours of restricted electives. See advisor or Advising Center for list of recommended electives.



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TO:

**CHILD DEVELOPMENT MAJOR**

This major is designed to meet the educational needs of undergraduates whose career plans focus on early childhood education. Closely related opportunities may be found in agencies delivering services to young children and their families, programs that include children with disabilities, and other programs that recognize the distinct developmental needs of children. The child development major is composed of two concentrations that share a common core of general education, college and departmental requirements, but include courses and field experiences that are distinct and lead to different sets of employment or graduate studies opportunities.

One concentration is called Early Childhood Administration. It is designed for undergraduates who have a strong interest in child care and want to seek high level administrative positions in corporate, public, or privately operated programs that serve young children and their families. The other concentration is called Early Childhood Development. Undergraduates who do not have an interest in teaching young children or serving as administrators in child care programs, but want a broad-based knowledge of child development and some experience working directly with children and families should pursue this concentration. It not only includes opportunities for hands-on experience, but also contains an applied research component that can be integrated with the field experience. In this way the concentration better prepares undergraduates who want to seek admission to a graduate studies program.

**EARLY CHILDHOOD ADMINISTRATION**

<b>Freshman</b>	<b>Hours</b>	<b>Credit</b>
Child and Family Studies 110, 211	6	
English 101, 102	6	
<sup>1</sup> Humanities Elective	3	
Math 110, 115	6	
<sup>2</sup> Natural Science Elective	6-8	
Psychology 110	3	
<b>Sophomore</b>		
Accounting 201	3	
Child and Family Studies 220, 350	7	
Economics 201	4	
<sup>3</sup> History Elective	3	
<sup>1</sup> Humanities Elective	3	
Human Resource Development 210	3	
Nutrition 100	3	
Psychology 210	3	
<b>Junior</b>		
Child and Family Studies 351, 352, 450	10	
<sup>4</sup> Foreign Language Elective	6	
Health 310	3	
Speech 240	3	
<sup>3</sup> History Elective	3	
<sup>5</sup> Elective	3	
<b>Senior</b>		
Business Law 301	3	
Child and Family Studies 451, 470, 471, 475	18	
Human Ecology 410	3	
Human Resource Development 471, 475	6	
<sup>5</sup> Elective	6-8	
	Total:	125

<sup>1</sup>Courses are to be chosen from two of the following categories: literature; speech or oral interpretation; art or

music appreciation; philosophy or religious studies.

<sup>2</sup>One of the following sequences is to be chosen: Astronomy 151 and 152, Biology 101 and 102, Botany 110 and 120, Chemistry 100 and 110, Chemistry 120 and 130, Geography 131 and 132, Geology 101 and 102, Physics 121 and 122.

<sup>3</sup>One semester of American History and one semester of another history-prefix course.

<sup>4</sup>Must be at the 200 level or above.

<sup>5</sup>At least 48 hours in 300-400 level courses are required.

## EARLY CHILDHOOD DEVELOPMENT

<b>Freshman</b>	<b>Hours Credit</b>
Child and Family Studies 110, 211	6
English 101, 102	6
<sup>1</sup> Humanities Elective	3
Math 110, 115	6
<sup>2</sup> Natural Science Elective	6-8
Psychology 110	3
<b>Sophomore</b>	
Child and Family Studies 213, 220, 350	10
<sup>3</sup> History Elective	6
<sup>1</sup> Humanities Elective	3
Human Resource Dev 210	3
Nutrition 100	3
Psychology 210	3
Speech 220	3
<b>Junior</b>	
Anthropology 320	3
Child and Family Studies 351,352, 420	10
Foreign Language Elective	3
<sup>4</sup> Foreign Language Elective	3
Health 310	3
Human Ecology 410	3
Information Science 330	3
Psychology 310	3
<b>Senior</b>	
Child and Family Studies 455, 471, 481	15
Psychology 330	3
<sup>5</sup> Restricted Elective	6
<sup>6</sup> Elective	6-8
Total Hours : 124	

<sup>1</sup>Courses are to be chosen from two of the following categories: literature; speech or oral interpretation; art or music appreciation; philosophy or religious studies.

<sup>2</sup>One of the following sequences is to be chosen: Astronomy 151 and 152, Biology 101 and 102, Botany 110 and 120, Chemistry 100 and 110, Chemistry 120 and 130, Geography 131 and 132, Geology 101 and 102, Physics 121 and 122.

<sup>3</sup>One semester of American History and one semester of another history-prefix course.

<sup>4</sup>Must be intermediate at the 200 level or above.

<sup>5</sup>ECD Restricted Electives: Students must select 6 semester hours of restricted electives. See advisor or Advising Center for list of recommended and restricted electives.

<sup>6</sup>At least 48 hours in 300-400 level courses are required.

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**Department of Child and Family Studies**

**PROGRESSION REQUIREMENTS**

Most programs in the College have specific requirements for progression.

**Child Development Major**

For progression into Early Childhood Administration and Early Childhood Development:

**STEP 1:**

1. Complete CFS 110, 211, and Human Resource Development 210 for admission to CFS 350.  
(Note: Human Resource Development 210 may be taken as a co-requisite to CFS 350).
2. Attain a cumulative GPA of at least 2.3/4.0 (transfer hours included) for admission to CFS 350.
3. Complete at least 30 semester hours.
4. Attain a minimum grade of C in all CFS courses.
5. Enroll in CFS 350.

**STEP 2:**

1. Complete Student Information Form in CFS 350.
2. Each applicant will be screened by the University's Conduct Office. Applicants who have established in the past, or established during the program, records of inappropriate conduct will be evaluated by CFS faculty and Student Conduct Office staff.
3. Complete a Self-disclosure Form which allows the University's personnel office to conduct a background check; a negative report on the background will be evaluated by the Child Area faculty in conjunction with the Department Head and Dean.
4. Complete an application for practicum experience (during CFS 350), accompanied by an Advising Plan.

**For progression into CFS 470/CFS 471, students must meet the following criteria:**

**STEP 3:**

1. Complete CFS 351 with a minimum of C in all CFS courses.
2. Complete at least 90 hours (senior standing).
3. Earn and maintain a cumulative GPA of at least 2.3/4.0
4. Update Student Information Form and Self-disclosure Form concerning conduct and background information prior to student teaching or practicum experiences.
5. Attain successful participation experiences and satisfactory evaluations in CFS 350 and 351.
6. Enroll in CFS 470/CFS 471 (priority for summer school teaching is given to students enrolled in the Early Childhood Education and Joint Certification Teacher Licensure programs and is limited to availability).

Note: Students are expected to exhibit written and oral communication skills appropriate to the program. If these skills are not exhibited, students may choose to participate in remedial activities through the University Hearing and Speech Center and/or the University's Writing Center, or may be referred by a course instructor.

**Revisions of the Dual Licensure ECE/ECSE program showcase**

From:

<b>Freshman</b>	<b>Credit Hours</b>
Child and Family Studies 110	3
Child and Family Studies 211	3
Child and Family Studies 213	3
English 101, 102	6
<sup>3</sup> History Elective	6
Human Resource Development 210	3
<sup>1</sup> Humanities Elective <sup>3</sup>	3
Math 110 or 201	3
Math 115 or 202	3
<b>Sophomore</b>	
Child and Family Studies 220, 350, 351, 352	14
<sup>5</sup> Electives	3
<sup>3</sup> History Electives	3
<sup>2</sup> Natural Science Elective	8
<sup>4</sup> Social Science Elective	3
<b>Junior</b>	
Child and Family Studies 471	9
<sup>5</sup> Electives	3
Foreign Language Electives	6
Health 310	3
Human Ecology 410	3
<sup>1</sup> Humanities Electives	3
Information Sciences 330	3
<sup>4</sup> Social Science Electives	3
<b>Senior</b>	
Education 400	2
Education 401	3
EDSMRT 486	3
<sup>5</sup> Electives	3
IECE 410	3
IECE 422	6
IECE 445	3
IECE 471	6
Total Hours	125

NOTE: Students may test out of Human Resource Development 210; an elective should then be substituted.

<sup>1</sup> Courses are to be chosen from two of the following categories: literature; speech oral interpretation; art or music appreciation; philosophy or religious studies.

<sup>2</sup> One of the following sequences is to be chosen: Astronomy 151-152; Biology 101-102; Botany 110-120; Chemistry 100-110; Chemistry 120-130; Geography 131-132; Geology 101-102; Physics 121-122.

<sup>3</sup> One semester of American History and one semester of another course with a history prefix.

<sup>4</sup> Select at least 3 hours from either, political science, economics, psychology, sociology, geography or anthropology. Additional courses can be taken from applied fields such as nursing, social work, human services and health.

<sup>5</sup> At least 48 hours in 300 - 400 level courses are required.

**Revision of the Dual Licensure ECE/ECSE program showcase**

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To:

<b>Freshman</b>	<b>Credit Hours</b>
Child and Family Studies 110	3
Child and Family Studies 211	3
Child and Family Studies 213	3
English 101, 102	6
<sup>3</sup> History Elective	6
Human Resource Development 210	3
<sup>1</sup> Humanities Elective	3
Math 110 or 201	3
Math 115 or 202	3
<b>Sophomore</b>	
Child and Family Studies 220, 350, 351, 352	14
<sup>5</sup> Electives	3
<sup>3</sup> History Electives	3
<sup>2</sup> Natural Science Elective	6-8
<sup>4</sup> Social Science Elective	3
<b>Junior</b>	
Child and Family Studies 471	3
Audiology /Speech Pathology 461	3
<sup>6</sup> Foreign Language Electives	6
Health 310	3
Human Ecology 410	3
<sup>1</sup> Humanities Electives	3
Information Sciences 330	3
<sup>4</sup> Social Science Elective	3
Early Childhood Education 472	6
<b>Senior</b>	
Education 400	2
Education 401	3
Instructional Technology, Curriculum, and Evaluation 486	3
<sup>5</sup> Electives	2-3
Early Childhood Education 410	3
Elementary Education 422	6
Early Childhood Education 445	3
Early Childhood Education 471	6
Total Hours	125

NOTE: Students may test out of Human Resource Development 210; an elective should then be substituted.

<sup>1</sup> Courses are to be chosen from two of the following categories: literature; speech oral interpretation; art or music appreciation; philosophy or religious studies.

<sup>2</sup> One of the following sequences is to be chosen: Astronomy 151-152; Biology 101-102; Botany 110-120; Chemistry 100-110; Chemistry 120-130; Geography 131-132; Geology 101-102; Physics 101-102.

<sup>3</sup> One semester of American History and one semester of another course with a history prefix.

<sup>4</sup> Select at least 3 hours from either, political science, economics, psychology, sociology, geography or anthropology. Additional courses can be taken from applied fields such as nursing, social work, human services and health.

<sup>5</sup> At least 48 hours in 300 - 400 level courses are required.

<sup>6</sup> Must be at the 200 level or above

### **Child and Family Studies Course Revisions**

#### **Revise Credit Hours and Description for CFS 470 Student Teaching FROM:**

470 Student Teaching (15) Responsibility for planning and guiding groups of infants, toddler, or preschoolers under supervision of classroom teacher and coordinator. Includes weekly seminar. Prereq: 350 and 351 and admission to the Child Development major or admission to the Early Childhood Education licensure program and completion of all progression requirements. Satisfactory/No Credit only. F and Sp student teaching begins on first day of registration and ends on last day of final examination period (student teaching follows the CDL calendar and does not include Fall or Spring break). Summer student teaching begins the day following spring commencement and ends on the day before Summer commencement. Priority for summer students teaching is given to students currently enrolled in the Early Childhood Education teacher licensure program and is limited to availability. No other classes may be taken during student teaching semester. Exceptions must be approved by the course instructor and the student's advisor.

TO:

470 Student Teaching (6-12) ) Responsibility for planning and guiding groups of infants, toddler, or preschoolers under supervision of classroom teacher and coordinator. Includes weekly seminar. Prereq: 350 and 351 and admission to the Child Development major or admission to the Early Childhood Education licensure program and completion of all progression requirements. Satisfactory/No Credit only. F and Sp student teaching begins on first day of registration and ends on last day of final examination period (student teaching follows the CDL calendar and does not include Fall or Spring break). Summer student teaching begins the day following Spring commencement and ends on the day before Summer commencement. Priority for summer students teaching is given to students who have completed all program requirements, except student teaching, prior to the Summer session.

Revise Title of CFS 471 FROM:

471 Advanced Practicum in Child Development

TO:

471 Practicum in Child Development

Revise Course Titles From:

CFS 451 Early Childhood Education III: Mainstreaming Exceptional Children

TO:

CFS 451 Early Childhood Education III: Including Exceptional Children

### **Family Studies**

Drop the teacher education option for secondary vocational family and consumer sciences from the Family Studies major.

### **Department of Consumer and Industry Services Management**

Revise the degree structure From:

B. S. in Hotel and Restaurant Administration, major in Hotel and Restaurant Administration

B. S. in Human Ecology, major in Retail and Consumer Sciences

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To:

B. S. in Service Management, majors in Retail and Consumer Sciences, Restaurant and Foodservice Management, Hotel/Tourism Management

Revise minor in Retail and Consumer Sciences From:

A minor in Retail and Consumer Sciences consists of 19 credit hours: 210 the Retail Environment (3); 310 Retail Buying (4); 410 Retail management (3); and three of the following : 321 Cultural Diversity in the Marketplace (3), 350 Consumers in the Market (3), 411 Entrepreneurship and Small Business Management (3), 412 Direct Retail Selling (3), 415 Retail Promotion (3), 421 International Retail Environments (3) or 450 Economics of Consumer Choice (3).

To:

A minor in Retail and Consumer Sciences consists of 19 credit hours: 210 Retail Operations Management (3); 310 Retail Buying (4); 376 Strategies for Growth (3); and three of the following: 350 Consumers in the Market (3); 411 Entrepreneurship and Small Business Management (3); 412 Direct Retailing (3), 415 Retail Promotion (3), 421 International Retail Environments (3) or 450 Economics of Consumer Choice (3).

**Revise curriculum showcase for Hotel and Restaurant Administration**

From:

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Hotel and Restaurant Administration 119	2
Math 119 or 123, and 125	6
<sup>1</sup> Natural Science Electives	6-8
Nutrition 100 or 107	3
Hotel and Restaurant Administration 101	3
<sup>2,3</sup> Electives	3-5
<b>Sophomore</b>	
Accounting 201, 202	6
Economics 201	4
Hotel and Restaurant Administration 220, 320	6
Hotel and Restaurant Administration 321 or 322	1
<sup>3,4</sup> Humanities Elective	3
Public Health 310	3
Speech Communication 240	3
Statistics 201*	3
<b>Junior</b>	
Business Law 301	3
Hotel and Restaurant Administration 326	3
Hotel and Restaurant Administration 324	3
Human Resource Dev 210	3
Marketing 301	3
Psychology 110	3
Retail and Consumer Sciences 341	3
<sup>2,3</sup> Electives	3
<b>Senior</b>	
History-prefix Elective <sup>3</sup>	3
Human Ecology 410*	3

<sup>6</sup> Hotel and Restaurant Administration 420	6
<sup>5</sup> Hotel and Restaurant Administration 422, 424	3
<sup>5</sup> Hotel and Restaurant Administration 423, 425	3
Hotel and Restaurant 445 or 450	3
<sup>2,3</sup> Elective	3
Total Hours: 128	

<sup>1</sup> Courses must be selected from one of the following sequences: Biology 110-120; Chemistry 100-110; Physics 121-122.

<sup>2</sup> Students interested in hotel/motel management should select Hotel and Restaurant Administration 429 and 450 for 6 of their elective hours.

<sup>3</sup> At least 48 hours in 300-400 Level courses are required.

<sup>4</sup> Humanities Electives: art history/appreciation, foreign language at the intermediate level, philosophy, music history/appreciation, speech, or religious studies.

<sup>5</sup> Credit for these courses must be earned at UT Knoxville

<sup>6</sup> Cannot be taken with other classes.

**Department of Consumer and Industry Services Management  
Revision of Hotel and Restaurant Administration curriculum showcase To:**

**Restaurant and Foodservice Management**

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
<sup>3</sup> Natural Science Elective	6-8
Math 119 or 123, and 125	6
<sup>4</sup> Humanities Electives	6
Hotel and Restaurant Administration 101, 119	6
Nutrition 100	3
<b>Sophomore</b>	
<sup>1</sup> History Elective	3
Accounting 201, 202	6
Statistics 201	3
Economics 201	4
Psychology 110	3
Speech 240	3
Human Resource Development 210	3
Retail and Consumer Sciences 341	3
<sup>2</sup> Hotel and Restaurant Administration 210	3
<b>Junior</b>	
<sup>1</sup> History Elective	3
Marketing 301	3
Management 301	3
Finance 301	3
<sup>6</sup> Business Elective	3
<sup>2</sup> Hotel and Restaurant Administration 326, 311, 323, 341, 376, 390	16
<sup>2</sup> Hotel and Restaurant Administration 420	6
<b>Senior</b>	
Human Ecology 410	3
<sup>2</sup> Hotel and Restaurant Administration 410, 425, 445	9
<sup>2,5</sup> Hotel and Restaurant Administration Electives	3



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<sup>2</sup>Hotel and Restaurant Administration 480 or  
490 and 485 12  
Total Hours: 128 - 130

<sup>1</sup>History electives: Select any two courses with a History prefix.

<sup>2</sup>Earn a grade of "C " or better in all Hotel and Restaurant Administration courses

<sup>3</sup>One of the following sequences is to be chosen: Astronomy 151-152, Biology 101-102,Botany110-120,  
Chemistry 100-110, Chemistry 120-130, Geography 131-132, Physics 101-102.

<sup>4</sup>Select six hours from art history/appreciation, foreign language at the intermediate level or above, philosophy,  
music history/appreciation, or religious studies.

<sup>5</sup>Hotel and Restaurant Administration electives: select 3 hours from the following courses: HRA 211, 324, 335,  
HE 310, RCS 411

<sup>6</sup>Select any 3 upper division credits from courses offered by the College of Business Administration.

**Hotel/Tourism Management**

<b>Freshman</b>	<b>Hours</b>	<b>Credit</b>
English 101, 102	6	
<sup>1</sup> History Elective	3	
<sup>3</sup> Natural Science Elective	6-8	
Math 119 or 123, and 125	6	
<sup>4</sup> Humanities Electives	6	
Hotel and Restaurant Administration 119	3	
Electives	3	
<b>Sophomore</b>		
<sup>1</sup> History Elective	3	
Accounting 201, 202	6	
Statistics 201	3	
Economics 201	4	
Psychology 110	3	
Speech 240	3	
Human Resource Development 210	3	
Retail and Consumer Sciences 341	3	
<sup>2</sup> Hotel and Restaurant Administration 211	3	
<b>Junior</b>		
Marketing 301	3	
Management 301	3	
Finance 301	3	
<sup>6</sup> Business Elective	3	
<sup>2</sup> Hotel and Restaurant Administration 326, 311, 323, 376, 390, 210	18	
<sup>2</sup> Hotel and Restaurant Administration 421	6	
<b>Senior</b>		
Human Ecology 410	3	
<sup>2</sup> Hotel and Restaurant Administration 424, 425, 426, 450	12	
<sup>2,5</sup> Hotel and Restaurant Administration Electives	4	
<sup>2</sup> Hotel and Restaurant Administration 481, 491 and 486	12	
		Total Hours: 128 - 130

<sup>1</sup> History electives: Select any two courses with a History prefix.

<sup>2</sup> Earn a grade of "C" or better in all required courses.

<sup>3</sup> One of the following sequences is to be chosen: Astronomy 151-152, Biology 101-102, Botany 110-120, Chemistry 100-110, Chemistry 120-130, Geology 101-102, Geography 131-132, Physics 101-102.

<sup>4</sup> Select six hours from art history/appreciation, foreign language at the intermediate level or above, philosophy, music history/appreciation, or religious studies.

<sup>5</sup> Hotel and Restaurant Administration electives: select 4 hours from the following courses: Hotel and Restaurant Administration 324, 335, 341, 423, 445, HE 310

<sup>6</sup> Select any 3 upper division credits from courses offered by the College of Business Administration.

On page 136, column 2 revise Progression Standards for Hotel and Restaurant Administration From:

For progression into the program, students must achieve a grade of "C" or better in the following courses: English 101; 102, Math 119; 123 and/or 125; Nutrition 100, 101; Hotel and Restaurant Administration 119, 220. After completing 30 semester hours (UT or transfer hours), progression into the Hotel and Restaurant Administration program (upper division courses) requires a minimum UTK cumulative GPA of 2.3 and a ranking (by GPA) in the top 30 among students registering for Hotel and Restaurant Administration 320 in any given semester. For ranking purposes, transfer students may request calculation of GPA based only on courses required in Hotel and Restaurant Administration curriculum. Students must meet all prerequisites and achieve a "C" or better in all Hotel and Restaurant Administration courses.

To:

Restaurant and Foodservice Management Major  
Hotel/Tourism Management Major  
Retail and Consumer Sciences Major

Students should apply for progression into their chosen majors after completing Retail and Consumer Sciences 210, Hotel and Restaurant Administration 210 or Hotel and Restaurant Administration 211 and prior to entering Retail and Consumer Sciences/Hotel and Restaurant Administration 390. Applications for progression are available in the department office.

For progression into each major, students must meet the following criteria:

1. Cumulative grade point average 2.3 or greater for at least 30 semester hours.
2. Grade of "C" or better in all Retail and Consumer Sciences and/or Hotel and Restaurant Administration prefix courses, English 101, 102, Math 119 or 123, 125
3. Complete 300 post-secondary school hours of industry related work for the chosen major. A list of appropriate work experiences is available in the department office.

For graduation, students must earn a grade of "C" or better in all Retail and Consumer Sciences and/or Hotel and Restaurant Administration courses.

Revise Title and Description From:

Hotel and Restaurant Administration 101 Food Principles (3) Food selection, safety, preparation, evaluation, meal planning, service. 2 hours and 1 lab.

To:

Hotel and Restaurant Administration 101 Food Quality Principles (3) Scientific principles involved with selection, preparation, evaluation and safety of quality food 2 hours and 1 lab.

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Revise Number, Title, Description and Prerequisite From:

Hotel and Restaurant Administration 320 Quantity Foods (3) Quantity Food Procurement, Production and Service (3) Principles for determining needs, procuring, storing, producing and serving foods in volume. Prereq: 119, 220, NTR 100 or 107, NTR 101, Micro 210 or PH 310; progression into the Hotel and Restaurant Administration program or consent of the instructor. Coreq: 321 or 322

To:

HRA 210 Foodservice Operations Management (3) Principles of menu development, equipment selection, layout, purchasing, production and service of food in volume. Co/Prereq: HRA 119/RCS 119

Effective Date of Hotel and Restaurant Administration 320 course revision: Fall 2001

Revise Title, Description and Prerequisite From:

HRA 335 Convention Management (3) Scope and segments of convention management including requirements meeting individual needs: methods and techniques of outstanding service. Co/Prereq: 320, 321, 322 or consent of instructor.

To:

HRA 335 Convention and Meeting Planning Management (3) Practical insights into types of convention/meeting services, roles of the association, corporate, and government convention and meeting planners, setting of objectives and format, site selection, negotiations, program design, speaker selection, budgeting, contracting, marketing, registration, on-site logistics, and evaluation. Prereq: HRA 210, 211

From:

HRA 420 Field Experience in Hotel and Restaurant Administration (6) Supervised educational experiences in selected tourism, food and lodging operations followed by a two-day seminar. Students enrolled in this course may not enroll in any other courses. Prereq: 320, 321 or 322; Accounting 202, Economics 201; marketing 301; Business Law 301; 100 hours of verifiable work experience. Satisfactory/No Credit only

To:

HRA 420 Professional Experience in Restaurant and Food Service Management (6) Supervised educational experiences in selected restaurant and food service operations. Prereq: Progression into the program and HRA 326 and 390

Revise Title, Description, and Prerequisite From:

HRA 424 Advanced Hotel and Restaurant Administration (3) Integration of functional areas. Management level administrative processes and decision making concerning hotel and restaurant business policy, strategy formulation, implementation and evaluation. Prereq: 320, 321 or 322; Accounting 202; Economics 201; Marketing 301; Business Law 301; 100 hours of verifiable work experience.

To:

HRA 424 Strategic Hotel/tourism Planning (3) Hotel Management from a strategic planning perspective; development and implementation of hotel strategy from financial, operational, and customer orientation. Prereq: HRA 390

From:

HRA 450 Advanced Lodging Management (3) Provides students with a broad foundation in the area of the operation and management of the major revenue enter of the hotel-the rooms division. Prereq: 320, 321, 326, 425, Mkt 301 and Bus Law 301

To:

HRA 450 Advanced Lodging Management (3) This course is designed to allow students to interpret operational problems currently occurring in the hotel industry in a case study, interactive environment. The student will analyze management opportunities and threats within a hotel and determine reasonable alternatives. Prereq: HRA 211, 326, 425, Mkt. 301

Revise Title, Description, Prerequisite and Crosslist From:

425 Hospitality Law (3) Legal rights and responsibilities of staff, management, and guests. Prereq: 320, 321 or 322; Bus Law 301 or consent of instructor

To:

425 Legal Issues in Service Management (3) Legal rights and responsibilities for service industry managers, their staff and clientele. Prereq: HRA 311/RCS 311 (Same as RCS 425)

Revise Prerequisite

HRA 324 Tourism and Travel Administration  
Prereq: HRA 210 or HRA 211 or consent of instructor  
(Formerly 320, 321, 322 or consent of instructor)

HRA 326 Food and Lodging Cost Control  
Prereq: HRA 210 and Acct 202 or consent of instructor  
(Formerly 320, 321 or 322; Accounting 202 or consent of instructor)

HRA 445 Advanced Food Production and Service Management  
Prereq: HRA 210  
(Formerly 320)

Add:

HRA 211 Hotel Operations (3) Operational theory of lodging and an exploration of the lodging industry in terms of nature of work, organizational structure of lodging segments, the meaning of guest services, differentiation of brands, current industry issues, and evaluation of the market place. Co/Prereq: HRA 119/RCS119

HRA 341 Food Safety and Sanitation for the Food Service Industry (1) Principles of serving food for the Hazard Analysis Critical Control Points and food service industry. Students will become ServSafe certified. Prereq: HRA 210

HRA 410 Strategic Restaurant Planning (3) Restaurant Management from a strategic planning perspective; development and implementation of restaurant strategy from financial, operational, and customer orientation. Prereq: HRA 390

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HRA 421 Professional Experience in Hotel/Tourism Management (3) Supervised educational experiences in selected hotel/tourism operations. Prereq: Progression into the program and HRA 326, 390.

HRA 429 Hospitality Computer Applications (3) This course is intended to provide the student with a broad exposure to software program applications specifically for the hospitality industry. The course covers computer usage for guest room accounting, reservations, payables, receivables, management reporting, inventory control, point of sale, revenue control, labor control, and product cost control. Prereq: HRA 326, 390

HRA 480 Professional Experience in Restaurant and Food Services Management II (9) Supervised professional experience in selected restaurant and food services operations that builds upon first professional experience. Prereq: HRA 410, 420, HE 410. Coreq: HRA 485

HRA 481 Professional Experience in Hotel/Tourism Management II (9) Supervised professional experience in selected hotel operations that builds upon first professional experience. Prereq: HRA 421, 424, HE 410. Coreq: HRA 486

HRA 485 Managerial Issues in Restaurant and Food Service (3) Managerial problem solving involving staffing and retention of personnel, conflict resolution, financial analysis, and crisis management. Coreq: HRA 480 or 490, Prereq: HRA 410, 420, HE 410

HRA 486 Managerial Issues in Hotel/Tourism Operations (3) Managerial problem solving involving staffing and retention of personnel, conflict resolution, financial analysis, and crisis management. Coreq: HRA 481 or 491, Prereq: HRA 421, 424, HE 410

HRA 490 Management Experience in Restaurant and Food Service Management (9) Supervised managerial training with sponsoring restaurant and food service operations. Prereq: HRA 410, 420; HE 410, Coreq: HRA 485

HRA 491 Management Experience in Hotel/Tourism Management (9) Supervised managerial training with sponsoring hotel operations. Prereq: HRA 421, 424; HE 410, Co-Req: HRA 486

Add and Cross-list:

HRA 119 Introduction to the Service Industry (3) Organization and basic operating systems for the career paths available in the hospitality and retail industries. Managerial competencies necessary for success in these fields. (Same as RCS 119).

HRA 311 Developing the service Workforce (3) Personnel management procedures and policies to develop the service workforce. Topics include leading organizational change; labor cost; employee review process; retention issues. Prereq: HRA210/RCS 210, or RCS 211. (Same as RCS 311).

HRA 323 Diversity in the Service Marketplace (3) Survey of diversity in the service marketplace. Implications for the manager of a diverse workforce in the delivery of goods and services to a multiplicity of consumer groups. Prereq: RCS/HRA 311 (Same as RCS 323).

HRA 376 Strategies for Growth (3) Issues concerning achievement of business growth with focus upon the consumer, operational, and financial dimensions of the service industry. Prereq: Mkt 301, HRA 326 or RCS 310, RCS 341. (Same as RCS 376).

HRA 390 Professional Development (3) Development of skills important to career success; focus on business communications, time and stress management, motivational and negotiating skills. Co/Prereq: HRA 326 or RCS 310 and progression into the program. (Same as RCS 390).

Drop:

HRA 120 Introduction to Hotel and Restaurant Administration (2)  
HRA 220 Hospitality Systems Administration (3)  
HRA 315 Hospitality Interiors (3)  
HRA 422 Food and Lodging Personnel Development (3)

Revise curriculum showcase for Commercial Recreation and Tourism Management: Commercial Recreation and Tourism Management Concentration

From:

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
<sup>1</sup> History Electives	6
Human Resource Development 210	3
<sup>2</sup> Humanities Elective	6
Math Electives	6
Recreation and Tourism Management 201	4
<b>Sophomore</b>	
Advertising 250 or Jo 201 or 280	3
Economics 201, and 311 or 313	7
Health 310	3
Journalism 201	3
Natural Science Electives	6-8
Speech 210 or Speech 240	3
Recreation and Tourism Management 290	2-3
Recreation and Tourism Management 320	3
<b>Junior</b>	
Business Law	3
<sup>5</sup> Economics Electives	9
Foreign Language, Multicultural Integrative Electives	6
<sup>4</sup> Forestry 321, 423, Hotel and Restaurant Administration 324, 335, 423, 425; Retail and Consumer Sciences 411	6
Retail and Consumer Sciences 350	3
Recreation and Tourism Management 310, 415, 470	9
Recreation and Tourism Management 390	2-3
<b>Senior</b>	
<sup>4</sup> Electives	11
Recreation and Tourism Management 410, 430, 470	9
Recreation and Tourism Management 490	12
Total Hours:	128

<sup>1</sup>History Electives: Any course with a history prefix.

<sup>2</sup>Humanities Electives: Courses must be selected from art history/appreciation, foreign language at the intermediate level or above, philosophy, music appreciation/history, or religious studies and speech.

<sup>3</sup>All upper division (300 level or above) business course work must be taken at UT, Knoxville.

<sup>4</sup>Select 300 level or above business elective.

<sup>5</sup> Select 9 hours of upper division Economics courses.

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To:

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
<sup>1</sup> History Electives	6
Human Resource Development 210	3
<sup>2</sup> Humanities Elective	3
Recreation and Tourism Management 201	4
Math 125 or 141	3
Math Elective	3
<b>Sophomore</b>	
Advertising 250 or Journalism 201 or 280	3
Economics 201	4
Statistics 201	3
Natural Science Electives	6-8
Speech 210 or Speech 240	3
Accounting 201, 202	6
Recreation and Tourism Management 290	2-3
Recreation and Tourism Management 320	3
<b>Junior</b>	
<sup>3</sup> Finance 301	3
Child and Family Studies 220 or Retail and Consumer Sciences 341	3
Health 310	3
Recreation and Tourism Management 390	2-3
Recreation and Tourism Management 310, 415, 440	9
Management 301	3
<sup>4</sup> Business elective 300 level or above	3
Marketing 301	3
<sup>5</sup> Hotel an Restaurant Administration 324, 423, 425, 335, Forestry 321, 423, Retail and Consumer Sciences 41	6
<b>Senior</b>	
<sup>4</sup> Electives	11
Recreation and Tourism Management 410, 430, 470	9
Recreation and Tourism Management 490	12
Human Ecology 410	3
Total Hours: 128	

<sup>1</sup>History Electives: Any course with a history prefix.

<sup>2</sup>Humanities Electives: Courses must be selected from art history/appreciation, foreign language at the intermediate level or above, philosophy, music appreciation/history, or religious studies and speech.

<sup>3</sup>All upper division (300 level or above) business course work must be taken at UT, Knoxville.

<sup>4</sup>Select 300 level or above business elective.

<sup>5</sup>Select any two courses from this block.

Drop:

Sport Management

Drop Cross-listing:

RTM 415 Development and Maintenance of Leisure, Sport, Tourism Services  
(Same as SM 415)

Revise Description: From:

RTM 290 (2-3) Supervised practice in approved agencies offering leisure and sport management opportunities. Each hour of credit requires 40 clock hours of work. For majors only S/NC only. Prereq: Permission of instructor. E

To:

RTM 290 (2-3) Supervised practice in approved agencies offering programs in recreation and tourism. Each hour of credit requires 40 clock hours of work. For majors only Prereq: Permission of instructor. S/NC only. E

RTM 390 Practicum in Recreation and Tourism Management (2-3) Supervised practice in approved agencies offering leisure and sport management opportunities. Each hour of credit requires 40 clock hours of work. For recreation majors only. S/NC only. Prereq: 290 and permission of instructor.

To:

RTM 390 Practicum in Recreation and Tourism Management (2-3) Supervised practice in approved agencies offering career opportunities in recreation and tourism. Each hour of credit requires 40 clock hours of work. Only for majors in Recreation and Tourism Management.. Prereq: RTM 290 and permission of instructor. S/NC Only. E.

From:

RTM 490 Internship in Recreation and Tourism Management (12) Full time practice in approved leisure or sport management agency. Emphasis on supervisory and administrative procedures. Prereq: 290, all required 300 level RTM courses, senior standing, GPA required for major. Satisfactory/No Credit grading only. E

To:

RTM 490 Internship in Recreation and Tourism Management (12) Full time practice in approved recreation, sport or tourism management agency. Emphasis on supervisory and administrative procedures. Prereq: RTM 290, all 300 level RTM courses, Senior Standing, GPA required for major. S/NC. E

Revise Title, and Description From:

RTM 410 Management Concepts of Recreation, Sport, Tourism Facilities (3) Principles for operationalizing modern recreation and sports related facilities and the development of appropriate management strategies. Assessing demand, cost analysis, facility utilization, program/event evaluation, inventory systems, and security. Prereq: 110, 310, or consent of instructor. F

To:

RTM 410 Management Concepts of Recreation, Tourism and Sport Programs (3) Principles for operationalizing recreation, tourism and sport related programs. Units address utilizing research as a management tool, assessing program cost, facility utilization and evaluation and contemporary management concepts. Prereq: RTM 110, 310 or consent of instructor. A-F, F



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From:

RTM 440 Dimensions of Commercial Recreation and Enterprises (3) Nature and function of recreation in private, commercial, and industrial settings. Development and management of commercial goods and services offered in leisure market, factors influencing participation, management considerations, and research in commercial recreation and tourism. Prereq: 110, 310, junior standing or consent of instructor. SP  
Department of Consumer and Industry Services Management

To:

RTM 440 Dimensions of Commercial Recreation and Tourism Enterprises (3) Organizational structures, delivery systems, financing private enterprises and operating selected profit centers in a variety of settings. Special attention is given to market performance and economic impact. Prereq: RTM 110, Junior Standing or consent of instructor. A-F, SP

From:

RTM 450 Special Topics in Leisure Education (1-6) Developing special topics programs in leisure, recreation, and/or therapeutic recreation. E. may be repeated.

To:

RTM 450 Special Topics in Leisure Education and Tourism (1-6) Development of special topics in Recreation/Therapeutic Recreation and Tourism. A-F, E. May be repeated.

Revise Title, Description, and Cross listing From:

RTM 415 Development and Maintenance of Recreation, Tourism and Sport Services (3)  
Principles of planning, designing, outfitting and operating Leisure/Sport related facilities such as aquatic centers, tennis complexes, activity centers, etc. Prereq: 310, or consent of instructor. )Same as Sport Management 425.) F

To:

RTM 415 Development and Maintenance of Recreation, Tourism and Athletic Facilities (3) Principles of designing, planning, equipping, operating and maintaining various facilities. Elements of risk management and safety are incorporated into the design process. Prereq: RTM 310, or consent of instructor. A-F, F.

Revise Title, Description and Prerequisites From:

RTM 310 Leisure Program Development and Evaluation (3) Essential elements and basic principles involved in organization, administration, marketing, evaluation of various types of recreation programs with emphasis on development of program objectives, practical and comprehensive program designs and evaluation for population and facility within student's particular area of interest. Prereq: 110 (Sport Management 250 for Sport Management majors only, junior standing , GPA required for major. SP, SU

To:

RTM 310 Development and Evaluation of Recreation and Tourism Programs (3) Essential elements and principles in the organization, administration, marketing, and evaluation of various types of recreation and tourism programs. Emphasis on development of program objectives. Practical and comprehensive program designs and evaluation for population and facility within student's area of interest. Prereq: RTM 110, Junior standing, GPA required for admission to major. A-F, SP, SU.

Revision of Retail and Consumer Sciences curriculum showcase From:

<b>Freshman</b>	<b>Credit Hours</b>
English 101, 102	6
<sup>1</sup> History Electives	6
Human Resource Development 210	3
Math 119 and 125	6
Psychology 110	3
<sup>2</sup> Textile Science 220	3
Sociology 119	3
<b>Sophomore</b>	
Accounting 201, 202	6
Speech 210 or 240	3
Economics 201	4
<sup>3</sup> Natural Science Electives	6-8
Retail and Consumer Sciences 210, 341	6
Statistics 201	3
<sup>4,5</sup> Elective	3
<b>Junior</b>	
Finance 301	3
<sup>7</sup> Humanities Electives	6
Marketing 301	3
Management 301	3
Retail and Consumer Sciences 310, 350	7
<sup>4,5</sup> Electives	9
<b>Senior</b>	
<sup>2</sup> Retail and Consumer Science 410, 412, 450, 421	12
Human Ecology 410	3
<sup>2,5</sup> Retail and Consumer Science Electives	9
<sup>2</sup> Retail and Consumer Sciences 482 or 492 and 485 or Retail and Consumer Sciences Electives	12
Total Hours: 125	

<sup>1</sup>History Electives: Select any two courses with a history-prefix.

<sup>2</sup>Earn a grade of "C" or better in all required Retail and Consumer Sciences courses.

<sup>3</sup>One of the following sequences is to be chosen: Astronomy 151-152, Biology 110-120, Botany 110-120, Chemistry 100-110, Chemistry 120-130, Geography 131-132, Physics 121-122.

4A minimum of 48 upper division hours is required for graduation. Eight hours of electives must be upper division.

<sup>5</sup>Students wishing to complete RCS 492 may use these courses to fulfill upper division elective hours, not RCS electives.

<sup>6</sup>Select any 3 upper division credits from courses offered by the College of Business Administration.

<sup>7</sup>Select six hours from art history/appreciation, foreign language, philosophy, music appreciation/history, religious studies.

<sup>8</sup>Retail and Consumer Sciences Electives: Students must select 6 hours from the following courses: 321, 345, 390, 411, 415, 495, 497 and 498.

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To:

<b>Freshman</b>	<b>Credit Hours</b>
English 101, 102	6
<sup>3</sup> Natural Science Electives	6-8
Math 119 or 123 and 125	6
<sup>4</sup> Humanities Electives	6
History Elective <sup>1</sup>	3
<sup>2</sup> Retail and Consumer Sciences 119 Elective	3
<b>Sophomore</b>	
<sup>1</sup> History Elective	3
Accounting 201, 202	6
Statistics 201	3
Economics 201	4
Psychology 110	3
Speech 240	3
Human Resource Development 210	3
<sup>2</sup> Retail and Consumer Sciences 210, 341	6
<b>Junior</b>	
Marketing 301	3
Management 301	3
Finance 301	3
Logistics 301	3
<sup>2</sup> Retail and Consumer Sciences 310, 311, 323, 376, 390	16
<sup>2,5</sup> Retail and Consumer Sciences Elective	3
<sup>2</sup> Retail and Consumer Sciences 422	6
<b>Senior</b>	
Human Ecology 410	3
<sup>2</sup> Retail and Consumer Sciences 410, 425	6
<sup>2,5</sup> Retail and Consumer Sciences Electives	6
<sup>2</sup> Retail and Consumer Sciences 482 or 492 and 485 or	
Retail and Consumer Sciences Electives	12
Total Hours: 128-130	

<sup>1</sup>History Electives: Select any two courses with a history-prefix.

<sup>2</sup>Earn a grade of "C" or better in all required Retail and Consumer Sciences courses.

<sup>3</sup>One of the following sequences is to be chosen: Astronomy 151-152, Biology 101-102, Botany 110-120, Chemistry 100-110, Chemistry 120-130, Geology 101 102 or 103  
Geography 131-132, Physics 101-102.

<sup>4</sup>Select six hours from art history/appreciation, foreign language, philosophy, music appreciation/history, religious studies.

<sup>8</sup>RCS Electives: Select 9 or 21 hours from the following courses: RCS350, 411, 412, 415, 421, 450, 476, 493, 495, TS 220, HE 310

Add and Crosslist:

RCS 119 Introduction to the Service Industry (3). (Same as HRA119). HRA is primary department.

RSC 311 Developing the Service Workforce (3). (Same as HRA 311). HRA is primary department.

RSC 323 Diversity in the Service Marketplace (3) (Same as HRA 323). HRA is primary department.

RSC 376 Strategies for Growth (3). (Same as HRA 376). HRA is primary department.

RSC 425 Legal Issues in Service Management (3). (Same as HRA 425). HRA is primary department.

Crosslist:

RSC 390 Professional Development (3). (Same as HRA 390). HRA is primary department.

Revise Title and Prerequisite From:

RCS 210 The Retail Environment

To:

RCS 210 Retail Operations Management  
Co/Prereq: RCS 119  
(Formerly no prereq)

Revise Description From:

RCS 350 Consumers in the Market (3) Consumer and family decision making in the domestic and international marketplace; consumerism, consumer issues, advocacy, demographic issues; consumer policies in information, protection, and market choice, consumer choice in retail and other markets; major consumption expenditures, public goods, financial and risk management. Prereq: Econ 201

To:

RCS 350 Consumers in the Market (3) Consumerism/consumer movement, consumer problems in today's marketplace, legal and regulatory issues related to consumer interests, changes in American and Global marketplace, consumer economic issues-food, health care, product safety, banking, credit, housing, insurance and investment. Prereq: Econ 201

Revise Title, Description and Prerequisite From:

RCS 410 Retail Management (3) Retail management from strategic perspective; analysis of retail environment, development and implementation of retail strategy. Prereq: Marketing 301, RCS 310 or consent of instructor.

To:

RCS 410 Strategic Retail Planning (3) Retail Management from a strategic planning perspective; development and implementation of retail strategy from financial, operational, and customer orientation. Prereq: RCS 390

Revise Title, Description and Prerequisite From:

RCS 412 Direct Retail Selling (3) General principles of selling goods at all the retail level; analysis of customer types and personalities; psychology of selling, communication styles, development of the sales personality; nontraditional methods of direct selling using various media types such as catalog and electronic shopping techniques.

To:

RCS 412 Direct Retail Methods (3) Issues concerning the use of direct selling methods to sell goods and services. The course emphasizes analysis of consumers and product/service types for integrated direct retail methods. The direct retailing methods in this course include direct mail, catalogs, telemarketing, infomercials, and electronic commerce (internet) Prerequisite RCS 376

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Revise prerequisite

RCS 411 Entrepreneurship and Small Business Management  
Prereq: Mkt 301, Acct 202  
(Formerly RCS 310, Mkt 301)

RCS 450 Economics of Consumer Choice  
Prereq: Econ 201  
(Formerly RCS 350)

Revise Description and Prerequisite From:

RCS 415 Retail Promotion (3) Advertising and special purpose media used to promote retail merchandise; evaluation of retail sales promotion activities.

To:

RCS 415 Retail Promotion (3) In-store promotional activities; development of retail promotion strategies; evaluation of retail promotions; supplementary focus on advertising and other methods to communicate in-store promotions. Prereq: RCS 376

Revise Title, Credit Hours, Description and Prerequisite From:

RCS 492 Internship in Retail and Consumer Sciences (3-6) Field study with organizations that merchandise or manufacture hard goods and/or soft goods or that addresses consumer issues. Prereq: 390

To:

RCS 492 Management Experience in Retailing (9) Supervised managerial training with sponsoring retail operations. Prereq: RCS 410, 422, HE 410. Coreq: RCS 485

Drop:

RCS 345 Fashion History

Add:

RCS 422 Professional Experience in Retail and Consumer Sciences (6) Supervised educational experiences in selected retail and consumer sciences service operations. Prereq: Progression into the program and RCS 310, 390.

RCS 476 Service Marketing Research (3) How to design, conduct and utilize service marketing research to improve customer service Prereq: Stat 201, Human Resource Development 210, and RCS 376

RCS 482 Professional Experience in Retailing, II (3) Supervised professional experience in selected retail operations that build upon first professional experience. Prereq: RCS 410, 422, HE 410. Coreq: RCS 485

RCS 485 Managerial Issues in Retail Operations (3) Managerial problem solving involving staffing and retention of personnel, conflict resolution, financial analysis, and crisis management. Coreq: RCS 482 or 492, Prereq: RCS 410, 422, HE 410

**Department of Health and Safety Sciences**

Revise the Community Health Education showcase From:

<b>Freshman</b>	<b>Credit Hours</b>
English 101, 102	6
Mathematics 119 or 123, and 125	6
Chemistry 100, 110	8
Nutrition 100	3
Psychology 110	3
Statistics 201	3
<sup>1</sup> Humanities Elective	3
<sup>2</sup> History Elective	3
<b>Sophomore</b>	
Ecology and Evolutionary Biology or Biochemistry and Cellular and Molecular Biology 230	5
Ecology and Evolutionary Biology or Biochemistry and Cellular and Molecular Biology 240	5
Psychology 210	3
Human Resource Dev 210	3
Child and Family Studies 210	3
Health 300	3
Health 330	3
Public Health 300	3
Information Sciences 310	3
Speech 210 or 240	3
General Elective	2
<b>Junior</b>	
Child and Family Studies 220 or Retail and Consumer Sciences 341	3
Health 375	3
Health 425	3
Public Health 305	3
Psychology 430	3
Health/Public Health 300 level elective	3
Health/Public Health/Safety 400 level elective	3
Health/Public Health/Safety 400 level elective	3
<sup>1</sup> Humanities Elective	3
<sup>2</sup> History Elective	3
<b>Senior</b>	
Human Ecology 410	3
Sociology 414 or Political Science 340	3
Health/Public Health/Safety 400 level elective	3
Health/Public Health/Safety 400 level elective	3
Health 325	3
Health 483	12
Total: 126 hours	

<sup>1</sup> Courses must be selected from art history/appreciation, foreign language at the intermediate level, philosophy, music history/appreciation, speech, philosophy, or religious studies.

<sup>2</sup> Course must have a History (Hist) prefix.

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To:

<b>Freshman</b>	<b>Credit Hours</b>
English 101, 102	6
Mathematics 119 or 123, and 125	6
Chemistry 100, 110	8
Nutrition 100	3
Psychology 110	3
Statistics 201	3
<sup>1</sup> Humanities Elective	3
<sup>2</sup> History Elective	3
<b>Sophomore</b>	
Ecology and Evolutionary Biology or Biochemistry and Cellular and Molecular Biology 230	5
Ecology and Evolutionary Biology or Biochemistry and Cellular and Molecular Biology 240	3
Human Resource Development 210	3
Child and Family Studies 210 or Sociology 120	3
Health 300	3
Health 330	3
Public Health 300	3
Information Sciences 310	3
Speech 210 or 240	3
General Electives	5
<b>Junior</b>	
Child and Family Studies 220 or Retail and Consumer Sciences 341	3
Health 375	3
Health 425	3
Public Health 305	3
Psychology 430	3
Health/Public Health 300 Level Elective	3
Health/Public Health/Safety 400 Level Elective	3
Health/Public Health/Safety 400 Level Elective	3
<sup>1</sup> Humanities Elective	3
<sup>2</sup> History Elective	3
<b>Senior</b>	
Human Ecology 410	3
Sociology 414 or Political Science 340	3
Health/Public Health/Safety 400 level elective	3
Health/Public Health/Safety 400 level elective	3
Health 426	3
Health 483	12
Total: 126 hours	

<sup>1</sup> Courses must be selected from art history/appreciation, foreign language at the intermediate level, philosophy, music history/appreciation, speech, philosophy, or religious studies.

<sup>2</sup> Course must have a History (Hist) prefix.

Revise Public Health 305 Title and Description FROM:

PH 305 Communicable and Noncommunicable Diseases (3) Modern concepts of diseases revolving around epidemiology; etiology of common communicable and chronic disease problems including a major focus on public health prevention and control. Prereq: EEB 230 and 240. F.

TO:

PH 305 Disease Epidemiology, Prevention and Control (3) Foundations of epidemiology applied to infectious, acute, and chronic diseases. Emphasis on the applications of public health prevention and control initiatives throughout the disease cycle. Prereq: EEB 230 and 240. F.

### **Department of Human Resource Development**

Add Progression Requirements on page 136

Human Resource Development Training and Development majors:

1. Students must achieve and maintain a minimum of a 2.3 overall GPA for progression into and retention in the major.
2. Students must achieve a GPA of 2.7 in order to enroll in Human Resource Development 479.

On page 138 revise Description under Teacher Education Licensure Programs From:

Family and Consumer Sciences, Business, Marketing, and Technology Teacher Education students must earn a 2.5 undergraduate cumulative GPA but must otherwise meet teacher education requirements of the College of Education and apply to be admitted to Teacher Education (See College of Education).

To:

Family and Consumer Sciences, Business, Marketing, and Technology Teacher Education students must earn a 2.7 undergraduate cumulative GPA but must otherwise meet teacher education requirements of the College of Education and apply to be admitted to Teacher Education (See College of Education).

On page 140 revise Program Title and Description From:

Home Economics/Family And Consumer Sciences Education

A teacher education program for secondary vocational family and consumer sciences teachers is available within the College. Undergraduate students should follow one of two curriculums, the Teacher Education Concentration in Human Resource Development or the Family Students curriculum in the Department of Child and Family Studies and the restricted electives designated for teacher licensure. Potential teachers must meet teacher education requirements of the College of Education and apply to be admitted to Teacher Education (see College of Education). Teacher licensure is granted at the successful completion of the fifth year of Professional Year. Twelve additional hours may be taken to complete the Master's Degree. For details, see the Graduate Catalog.

Students who already have a B.S. degree and want home economics teacher licensure may obtain a list of the prerequisite coursework for entering the professional year.

Individuals interested in Home Economics extension Education should also follow the Family Studies major in the Department of Child and Family Studies.

To:

Family and Consumer Sciences Education

A teacher education program for secondary vocational family and consumer sciences teachers is available within the College. Undergraduate students should follow the Teacher Education Concentration for Family and Consumer Sciences Education in the Department of Human Resource Development. Potential teachers must meet



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teacher education requirements of the College of Education and apply to be admitted to Teacher Education (see College of Education). Teacher licensure is granted at the successful completion of the fifth year or Professional Year. Fifteen additional hours may be taken to complete the Master's Degree. For details, see the Graduate Catalog.

Students who have a B. S. degree and want family and consumer sciences teacher licensure may obtain a list of the prerequisite course work for entering the professional year. Individuals interested in careers with the Extension service can follow the Family and Consumer Sciences Education curriculum in Human Resource Development, or may follow the Family Studies curriculum in the Department of Child and Family Studies.

Drop Endorsements under Family and Consumer Sciences Education:

Occupational Endorsements  
Care and Guidance of Children  
Clothing Management, Production and Services  
Food Management, Production and Services

Drop Course:

HE 430 Student Teaching in Vocational Home Economics

Revise Human Resource Development Course Description and Prerequisites :

**The following list of courses is a sequence and are listed together for clarity. Every course does not have revisions to both, Description and Prerequisites**

HRD 320 Program Planning for Training, Development, and Education From :

Program Planning for Training, Development, and Education (3) Designing, developing and implementing educational program including: job/task analysis; needs assessment; identifying performance standards and conditions; preparing goals and objectives; defining content; selecting and sequencing activities.

To:

HRD 320 (3) The first in a four-course sequence, providing skills and knowledge in analyzing, designing, developing, implementing, and evaluating educational programs. Each student will plan an educational program. Prerequisite: HRD 210 or permission of the instructor. E

HRD 325 Development of Instructional Resources From:

Development of Instructional Resources (3) Design and development of instructional materials. Preparation of teaching aids; non-print and print media. Sequencing instruction

To:

The second in a series of four core courses designed to prepare instructors for the learning environment. It includes the design and development of instructional materials, the preparation of teaching aids, and sequencing instruction based on the Instructional Systems Development (ISD) model. Each student will develop a training module. Prerequisite: HRD 320 E

Revise Description of HRD 330 Instructional Strategies and Techniques From:

Methods and techniques for facilitating learning; delivering presentations, means of motivating, using print aids, applying learning theories and directing group processes. Prerequisites: HRD 320 and 325

To:

The third in a series of four core courses focuses on methods and techniques of facilitating learning through application of communication theory, teaching and training concepts, and delivery methods and skills. Students will provide demonstrated competence in facilitated learning as a final course product. Prerequisites: HRD 320 and 325. E

HRD 452 Technology in Learning Environments From:

The use of diverse technology for creating and facilitating instruction and learning. Interactive strategies that aid in stimulating, channeling, and sustaining learning. Prereq: 210 and 330.

To:

HRD 452 (3) The fourth in a series of four courses addresses the use of diverse technology for creating and facilitating instruction and learning. Involves posting and managing an online lesson. Interactive strategies that aid in stimulating, channeling, and sustaining learning. Prerequisites: HRD 320, 325, and 330. E

Revise Title, Description, and Prerequisites of HRD 336 From:

Microcomputer Instructional Techniques (3) Software and instructional techniques for teaching/training others how to use software. Teaching/training others how to use selected word processing, database, presentation, and spreadsheet applications. Prerequisites: HRD majors only

To:

Computer Instructional Techniques (3) Software and instructional techniques for teaching/training others to use software. Focuses on basic hardware set up and software installation, system troubleshooting, and basic networking configurations. Sp

Revise Prerequisite and Description From:

HRD 415 Coordination Techniques:

Necessary procedures, duties and responsibilities to implement, maintain, and evaluate successful cooperative education program. Sp

To:

This course addresses necessary procedures, duties, and responsibilities to implement, maintain, and evaluate a successful cooperative education program. Prerequisite: HRD 210 E

HRD 455 Learner and Program Evaluation From:

Assessing the effectiveness of training or educational programs; developing performance-based measures; evaluating job performance; and measuring learner progress. Prereq: 320

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To:

This course teaches students to assess the effectiveness of training or educational programs, develop performance-based measures, evaluate job performance, and measure learner progress. Prerequisites: HRD 210 or equivalent and HRD 320.

Revise Prerequisites and Description From:

HRD 471 Principles of Supervision/Leadership:

Problems of motivation, communication, interpersonal relationship and leadership. Sp.

To:

This course examines management problems such as motivation, communication, interpersonal relationships, and leadership. Prerequisite: HRD 210 or equivalent. Sp

HRD 473 Integrating Organizational and Career Development From:

Methods of organizational development, issues and problems associated with employee empowerment, involvement, and reorganization. Effective utilization of human resources through career development, cooperative teamwork and communication in groups, meetings and training programs. Prereq: 471

To:

This course examines methods of organizational development, issues and problems associated with employee empowerment, involvement, and reorganization. Effective utilization of human resources through career development, cooperative teamwork and communication in groups, meetings, and training programs. Prerequisites: HRD 210 or equivalent and HRD 471.

HRD 475 Human Resources Policies, Practices and Procedures From:

Employer/organizational activities related to personnel and Human Resource programs; employee recruitment, employee assistance programs, exiting considerations and legal aspects. Prereq: 471

To:

This course examines employer/organizational activities related to personnel and human resource programs, employee recruitment, employee assistance programs, exiting considerations, and legal aspects. Prerequisites: HRD 210 or equivalent and HRD 471

Drop:

HRD 435 Business and Marketing Education Youth Programs (1-3)

Add:

HRD 423 Methods of Teaching Basic Business and Accounting (3) Instructional methodology for teaching secondary-and-post-secondary-level basic business and accounting. Integrative strategies are introduced and developed. F

**Department of Nutrition**

Revise the Nutrition minor From:

A minor in Nutrition consists of 18 credit hours: 3 - Fundamentals of Nutrition (3); 313- Vitamins and Minerals (3) and 314- Energy Metabolism and Metabolic Integration (3); 312- Science of Food (4); the balance (8-11 hours) from 412- Food and Nutrition in the Community (3); 415- Clinical Nutrition I (3); 416- Clinical Nutrition II (3); 420- Food and Nutritional Analysis (4); 450- Special Topics: Nutrition (1-3); or 493- Directed Study: Nutrition (1-3). Prerequisites for these courses must be followed.

To:

A minor in Nutrition consists of 16 credit hours: 100 - Introductory Nutrition (3); 302 - Life Span Nutrition (3); 310 - Physiological Chemistry (4); 313 - Vitamins and Minerals (3); and 314 - Energy Metabolism and Metabolic Integration (3). All course prerequisites are required.

Nutrition curriculum New Courses Add:

Nutrition 201 Careers in Nutrition (1) Overview of nutrition-related careers. Routes to meeting academic, registration, and experience requirements. Letter grade only.

Nutrition 303 Foodservice Systems Management (3) Assessment of managerial, organizational and operational structures in foodservice systems with focus on markets related to dietetic practice; human resource policies and strategies applied to foodservice systems management. Sp

Revise the Nutrition curriculum showcase From:

<b>Freshman</b>	<b>Hours Credit</b>
Chemistry 120, 130	8
English 101, 102	6
History-Prefix	3
Child and Family Studies 210	3
Math 119 or 123, and 125	6
Psychology 110	3
Nutrition 100	3
<b>Sophomore</b>	
Hotel Restaurant Administration 220	3
Chemistry 350	3
Economics 201	4
Human Resource Development 210	3
Microbiology 210	3
<sup>4</sup> Nutrition 312	3
Statistics 201	3
Nutrition 302	3
BCMB 230	5
Electives	3
<b>Junior</b>	
Accounting 201	3
<sup>2</sup> Elective	3
<sup>1,2</sup> History-Prefix Elective	3
Hotel and Restaurant Administration 320,321	3,1
<sup>2,3</sup> Humanities Elective	3
Nutrition 310, 313, 314	10
Child and Family Studies 220	3
Speech 240	3
<b>Senior</b>	
Human Ecology 410	3
<sup>2</sup> Electives	3

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Hotel and Restaurant Administration 422	3
Hotel and Restaurant Administration 326	3
<sup>2,3</sup> Humanities Elective	3
<sup>4</sup> Nutrition 410, 412, 415, 416, 420	14
Total Hours: 130	

<sup>1</sup> Select any two courses with a History prefix.

<sup>2</sup> At least 48 hours in 300-400 level courses are required.

<sup>3</sup> Courses must be selected from art, music, literature, speech, oral interpretation, philosophy, religious studies.

<sup>4</sup> Credit for these courses must be earned at The University of Tennessee, Knoxville.

TO:

<b>Freshman</b>	<b>Hours Credit</b>
Chemistry 120, 130	8
English 101, 102	6
<sup>1,2</sup> History-prefix Elective	3
Child and Family Studies 210	3
Math 119 or 123, and 125	6
Psychology 110	3
Nutrition 100	3
<b>Sophomore</b>	
Hotel Restaurant Administration 210/321	4
Nutrition 201, 302	4
Chemistry 350	3
Economics 201	4
Human Resource Development 210	3
Microbiology 210	3
Statistics 201	3
Biochemistry and Cellular and Molecular Biology 230	5
<sup>2</sup> Electives	3
<b>Junior</b>	
Accounting 201	3
<sup>2</sup> Elective	3
<sup>1,2</sup> History Elective	3
<sup>2,3</sup> Humanities Elective	3
Hotel and Restaurant Administration/Retail and Consumer Science 341	3
<sup>4</sup> Nutrition 310, 312, 313, 314	14
Speech 240	3
<b>Senior</b>	
Human Ecology 410	3
<sup>2</sup> Elective	6
Hotel and Restaurant Administration 326, 341	4
<sup>2,3</sup> Humanities Elective	3
<sup>4</sup> Nutrition 303, 410, 412, 415, 416, 420	17
Total Hours: 129	

<sup>1</sup> Select any two courses with a History prefix.

<sup>2</sup> At least 48 hours in 300-400 level courses are required.

<sup>3</sup> Courses must be selected from art appreciation, music appreciation, literature, speech, oral interpretation, philosophy, religious studies.

<sup>4</sup> Credit for these courses must be earned at The University of Tennessee, Knoxville.

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THE UNIVERSITY OF TENNESSEE  
KNOXVILLE



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TO: Dr. Linda Tober  
Assistant Dean, Undergraduate Academic Affairs  
420 Communications Bldg

College of Nursing  
1200 Volunteer Boulevard  
Knoxville, Tennessee 37996-4180  
(865) 974-4151  
FAX (865) 974-3569

FROM: Carol Seavor  
Associate Dean for Academic Affairs  
College of Nursing

DATE: January 4, 2000

RE: New Undergraduate Curriculum for Nursing

The Faculty of the College of Nursing approved a new undergraduate curriculum at its faculty meeting on 12/16/99. The Curriculum is designed to help our students be better prepared for the current and changing health care system and includes more emphasis on prevention, community based care, and leadership. The intent is for the new curriculum to become effective for students accepted for progression to upper division Nursing in the Fall 2001 semester. All those applying for progression for Fall 2001 will be required to complete the first course of the proposed new curriculum, N201 Introduction to Nursing in the Spring 2001 (one semester prior to their entering the upper division nursing major). Transfer students can take N201 in the summer.

To serve our students already progressing through our upper division curriculum we request that the 2000/01 Catalog continue to describe our current curriculum with only minor changes added as described in I and II below.

To serve our students who will enroll in our upper division curriculum in the Fall 2001 semester, we request that a section be added that describes the new curriculum as described in III, IV, and V below. Thank you for your assistance in this process and please call me if you have and questions.

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TO CURRENT UNDERGRADUATE CATALOG DESCRIPTION PLEASE ADD:

I. GENERAL REQUIREMENTS: Pg. 142, Column three, line two:

From: "with the exception of 301, 314, and 480 are restricted to students..."

To: "with the exception of 301, 314, and 480 (effective Fall, 2001: 314, 351, 406, and 480) are restricted to students..."

II. MULTICULTURAL OR INTEGRATIVE STUDIES: Pg. 143, Column one, section on multicultural/integrated studies, line seven:

From: "ing students only), 470: Political Science 100-"

To: "ing students only, 470, 480: Political Science 100-"

III. Pg. 143, following end of section "RN TRACK FOR BACHELOR OF SCIENCE IN NURSING" and preceding "GRADUATE" section please add the following new section:

NEW CURRICULUM FOR THOSE ACCEPTED FOR PROGRESSION TO UPPER DIVISION NURSING COURSES FOR FALL, 2001 SEMESTER:

GENERAL REQUIREMENTS: Same as described on page 142.

PROGRESSION POLICIES AND PROCEDURES: Same as described on page 142.

GRADING AND CONTINUATION POLICIES: Same as described on page 142-143.

HEALTH AND INSURANCE REQUIREMENTS: Same as described on page 143.

COURSE LOAD: Same as described on page 143.

THE BACHELOR OF SCIENCE IN NURSING CURRICULUM:

FROM:

	Hours	Credit
<b>Freshman</b>		
English 101, 102	6	
Mathematics 110 or higher	3	
Mathematics 115 or any Statistics course	3	
Chemistry 100-110 or 120-13	8	
Humanities	3	
Psychology 110	3	
Sociology or Anthropology	3	
Multicultural or Integrative Studies	3	
<b>Sophomore</b>		
Biochemistry and Cellular and Molecular Biology 240 or Ecology and Evolutionary Biology 240	3	
Biochemistry and Cellular and Molecular Biology 230 or Ecology and Evolutionary Biology 230	5	

Microbiology 210	3
Nutrition 300	3
Child and Family Studies 210	3
Sociology or Anthropology	3
History	6
Philosophy 345	3
<b>Junior</b>	
Nursing 301, 302, 304, 306, 313, 316, 330, 332	32
<b>Senior</b>	
Multicult./Int. Studies	3
Nursing 401,405, 411, 431, 433, 440, 441	27

Total: 123 hours

The following courses are open to all university students: 202, 301, 314, and 480

TO:

<b>Freshman</b>	<b>Hours Credit</b>
English 101, 102	6
Mathematics 110 or higher	3
Mathematics 115 or any Statistics course	3
Chemistry 100-110 or 120-130	8
Humanities	3
Psychology 110	3
Sociology or Anthropology	3
Multicultural or Integrative Studies	3
<b>Sophomore</b>	
Biochemistry and Cellular and Molecular Biology 240	3
Biochemistry and Cellular and Molecular Biology 230 or Ecology and Evolutionary Biology 230	5
Microbiology 210	3
Nutrition 300	3
Child and Family Studies 210	3
Multicult./Int. Studies	3
Introduction to Nursing 201	3
History	6
Philosophy 345	3
<b>Junior</b>	
Nursing 311, 319, 333, 341, 351, 361, 371, 381, 391	32
<b>Senior</b>	
Nursing 406, 421, 451, 452, 461, 481, 482, 490	27

Total: 123 hours

The following courses are open to all university Students: 202, 314, 351, 406, and 480.



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IV. RN TRACK FOR BACHELOR OF SCIENCE IN NURSING

FROM:

1. RNs must complete the same non-nursing requirements as other students.
2. Students will take the NLN Nursing Mobility Profile Examinations prior to starting upper division coursework. If a decision score of 100 is achieved (per section) the student will receive proficiency credit for three out of four of the major clinical nursing courses exclusive of Community Health. Courses for which credit can be obtained in this manner include 330, 401, 411 and 431 and are indicated with an asterisk. Proficiency credit obtained by RNs through the NLN Nursing Mobility Profile Exams is recorded as S/NC.
3. The student will take one major clinical course in the area of choice (330, 401, 411, or 431) with clinical individualized.
4. All students take the Community sequence.
5. Students can obtain proficiency credit in several other courses (Assessment and Wellness Promotion, Pharmacology, Health Deviation Concepts I and II, and Leadership/Management) by passing instructor-made challenge exams (indicated with a double asterisk). Eligibility for challenge of 440 Leadership/Management) is based on documented employment in a nursing leadership position for at least one-year within the last five years. Challenge of 304 and/or 440 will carry a grade of S/NC.
6. RNs are exempt from N441 Clinical Nursing Practicum.
7. The entire upper division nursing curriculum can be completed in one calendar year. Students not enrolled in nursing courses for two consecutive semesters, excluding summer, will be administratively withdrawn from the program. Those seeking re-entry must reapply to the College of Nursing. Students already accepted into the Masters' Program may be exempted from Multicultural/Integrated Studies (3 hours) and Nursing Electives/Independent Study (5 hours) if they have 123 undergraduate hours. Students accepted for the Masters' Program can begin part time graduate level study while in the final semester of the undergraduate program. See also the UTK Graduate Catalog for description for RN-MSN track.

	Hours Credit
**N301 Pharmacology	3
**N304 Nursing Assessment and Wellness Promotion	4
N305 Transitions to Professional Nursing	3
N313 Nursing Theory and Research	3
*N306 Health Deviations Concepts I	4
**N316 Health Deviations Concepts II	4
*N330 Nursing of Adults	6
332 Community Health Nursing: Aggregates	3
*401 Family Health Nursing	6
*411 Psychosocial Long-term Nursing	6
*431 Nursing of Children	4
405 Professional Seminar	2
433 Community Health Nursing:	
Individuals and Families	3
**440 Leadership and Management in Nursing	3
Nursing Electives or Independent Study	5

Total Nursing Hours 59

TO:

**RN TRACK FOR BACHELOR OF SCIENCE IN NURSING**

1. RNs must complete the same non-nursing requirements as other students. They are exempt from the sophomore level N201 Introduction to Nursing course and will be given proficiency credit based on RN status. (S/NC).
2. Students will take the NLN ACE examinations prior to starting upper division coursework. If a decision score of 100 is achieved (per section) the student will receive proficiency credit for three out of four of the major clinical nursing courses exclusive of Community Health. Courses for which credit can be obtained in this manner include 391, 361, 461, and 421, and are indicated with a double asterisk. (S/NC).
3. The student will take one major clinical course in the area of choice (361, 391, 421, 461) with clinical individualized.
4. All students take the Community sequence 481 and 482.
5. RN-BSN students can elect to challenge N333 Health Assessment by taking the NLN Physical Assessment Examination and passing a "hands on" lab demonstration of assessment skills. Indicated with an asterisk. (S/NC).
6. Proficiency credit can be obtained in several other courses by passing instructor-made exams or preparing a portfolio as specified by the faculty. These courses include N319 Pathophysiology of Health Deviations, N351 Pharmacology I, N406 Pharmacology II, N451 Professional Leadership Issues II, and N490 Specialty Preceptorship (indicated by an asterisk). Eligibility for challenge of N451 Professional Leadership Issues II is based on documented employment in a nursing leadership position for at least one-year within the last five years. Challenge of N451 carries an S/NC grade. All proficiency credit not designated as S/NC carries a letter grade.
7. The entire upper-division nursing curriculum can be completed in one calendar year. Students not enrolled in nursing courses for two consecutive semesters, excluding summer, will be administratively withdrawn from the program. Those seeking re-entry must reapply to the College of Nursing. Students already accepted into the Masters' Program may be exempted from Multicultural/Integrated Studies (3 hours) and Nursing Electives/Independent Study (5 hours) if they have 123 undergraduate hours. Students accepted for the Masters' Program can begin part time graduate level study while in the final semester of the undergraduate program.

	<b>Hours Credit</b>
N201 Introduction to Nursing (proficiency credit for all RNs)	3
*N333 Health Assessment	3
*N351 Pharmacology I	2
N305 Transitions to Professional Nursing	5
N371 Nursing Theory and Research	3
*N319 Pathophysiology of Health Deviations	4
**N391 Health Promotion and Maintenance in Childbearing Families	5
**N361 Health Maintenance and Restoration Across the Life Span	5
*N406 Pharmacology II	2
**N461 Health Restoration Across the Life Span	5
*N451 Professional Leadership Issues II	2
N481 Health Promotion and Maintenance in Community	4
N482 Health Promotion, Maintenance, and Restoration in Community	4
**N421 Health Maintenance and Restoration in Mental Health	4
N452 Professional Leadership Issues III	2
*N490 Specialty Preceptorship	4
Nursing Electives or Independent Study	5

Total Nursing Hours 62

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V. On Pg. 203, Following description of 493 Independent Study

Add: The following courses will apply to students accepted for enrollment in upper division nursing courses in Fall 2001:

N201 Intro to Nursing (3)

History, philosophy, and scope of nursing practice with emphasis on the holism of persons, standards for professional practice, assessing for health risk factors, and an overview of the nursing process and nursing theories.

Pre req: Application for progression to Nursing Major. Sp

N311 Foundations of Professional Nursing Practice (5)

Emphasis on patient centered communication, therapeutic interventions, and critical thinking as key elements in the use of the nursing process. Clinical laboratory experiences provide opportunity for the application of these processes in the care of adults in selected health care settings. 2 lec, 3 lab. Prereq: N201; Coreq: N319, N333, N341, F

N319 Pathophysiology of Health Deviations (4)

Application of physiological concepts to health promotion, maintenance, deviations, and restoration. Emphasis on interactions of body systems, psychoneuroimmunology, and impact of disease processes on the human body. F

N333 Health Assessment (3)

Theory and laboratory practice I the systematic assessment of health status including history taking and performance of physical assessment skills. For RNs this course is prerequisite to any clinical course beyond 305 Transitions. 2 lec, 1 lab. F

N341 Health Promotion (3)

Introduction to health promotion concepts, mental health concepts and theories and individual/group/community/population based needs assessment. Identifying nursing interventions for health promotion and disease prevention. F

N351 Pharmacology I (2)

Biochemical and pharmacological effects of therapeutic drugs on the human body. Basic concepts of drug action and interactions. Major drug classifications. Prereq: Chem 100-110, and at least 6 semester hours of Anatomy and Physiology. Sp

N361 Health Maintenance and Restoration Across the Life Span (5)

Focus on use of the nursing process for health maintenance and restoration with children or adults experiencing acute or chronic illness. 2 lec, 3 lab. Prereq: N311, N319, N333, N341, Coreq: N351.

N371 Nursing Theory and Research (3)

Theoretical foundations for nursing practice and research. Language of research, design, and methodologies. Evaluation of selected research studies for application to evidence based practice. Prereq: N201, N311, N341, or consent of instructor. Sp.

N381 Professional Leadership Issues I (2)

Survey of legislative, legal, ethical, social, issues that have direct or indirect implications for the practice of professional nursing. Prereq: N201, N311, N341 or RN status. Sp

N391 Health Promotion and Maintenance in Child Bearing Families (5)

Application of the nursing process for reproductive health and childbearing families. Emphasis on therapeutic relationships with families for long term positive impact on health care and life style. 3 lec, 2 lab. Prereq: N311, N319, N333, N341, or RN status. Co- or Prereq: N351. F, Sp

N406 Pharmacology II (2)

Continuation of N351 with emphasis on nursing responsibilities in the safe and effective use of therapeutic drugs, recognition and reporting of side effects, and critical aspects of patient education. Prereq: N319, 351. F

N421 Health Maintenance and Restoration in Mental Health (4)

Focus on use of the nursing process to support and care for persons experiencing psychosocial dysfunction. Emphasis on use of self as therapeutic agent with individuals, groups and families and developing nursing strategies for psychiatric patients. Prereq: all required 300 level nursing courses or RN status. 2 lec, 2 lab. F, Sp

N451 Professional Leadership Issues II (2)

Focus on concepts and strategies for application of management and leadership role as a professional nurse. Includes impact of economic issues on Health Care Delivery. Emphasis on problem identification, individual responsibility, decision making, communication, confrontation, collaboration, conflict resolution, coordination, delegation, supervision, and team building to support safe client care. Prereq: all required 300 level nursing courses or RN status. S

N452 Professional Leadership Issues III (2)

Indepth analysis of selected concepts examined in N381. Legal and regulatory processes affecting nursing practice and clarification of personal and professional values. Small group project utilizing the concepts of group dynamics and team work to identify an issue having an impact on nursing practice and developing a strategic plan to address the issue. Prereq: N481, N421, and N451. Sp.

N461 Health Restoration across the Life Span (5)

Focus on use of the nursing process to support and care for children or adults and their families with acute, complex health needs in health care agencies. Emphasis on quality of care, continuity of care, coordination of care and end of life care. Varied settings including persons in a variety of developmental stages. Prereq: all required 300 level nursing courses. 3 lec, 2 lab. F, Sp

N481 Health Promotion and Maintenance in Community (5)

Focus on nursing strategies to identify individuals within groups at risk. Design and implement interventions to promote and maintain health. Includes assessment of socio-cultural values, environmental factors, health education, and community resources. Emphasis on visiting clients and their families across the life span in their own environment. Prereq: N311, N319, N333, N341, N3, or RN status, Co or Prereq: 351. 3 lec, 2 lab. F, Sp

N482 Health Maintenance and Restoration in Community (4)


Focus on nursing care of vulnerable populations. Indepth analysis of health needs of a selected community utilizing the epidemiological process. Implementation of an intervention project. Prereq: All required 300 level nursing courses and N481. 2 lec, 2 lab. Sp

N490 Specialty Preceptorship (4)

Indepth practicum to develop knowledge and skill in a selected specialty area under direct guidance of clinical preceptor. One credit devoted to knowledge development in specialty area under guidance of faculty. Prereq: N406 and N451, Pre or Co req: N421, N461, and N482. 1 lec, 3 lab. Sp

MEMORANDUM

TO: Linda Tober  
Assistant Dean, Undergraduate Academic Affairs

FROM: Lieutenant Colonel Bill Woodcock   
Professor of Military Science and Tactics

RE: Undergraduate Council Agenda

DATE: 23 November 1999

1. Attached are changes Army ROTC wishes to make to our military science courses:
  - a. Add MS 493 Military Leadership, Independent Study. Focus's on military leadership styles.
  - b. Revise credit hours for Military Science (MS 110, 120, 210, 220).
2. Request this information be placed on the next Undergraduate Council meeting agenda for University approval. If you have any further questions, please contact me or CPT Mark Grazdan at 4-5371.

Department of Military Science and Tactics  
Course Revisions/Additions

1. ADD

MS 493 (1) Military Leadership Topics

Topics on principals and styles of military leadership.

Prereq: Consent of Instructor. May be repeated for additional credit provided topic is different.

Maximum 4 hours. Letter grade only.

Effective Date: Fall 2000

Course Offered: Fall , Spring

Add to Military Science (688) 1999-2000 Undergraduate Catalog, pg. 199.

2. REVISE CREDIT HOURS / CREDIT DISTRIBUTION

MS 110 Basic Military Science I (2) (Formerly: 3)

Effective Date: Fall 2000

Distribution: 2 hrs. (Formerly: 2 hrs., 1 lab)

MS 120 Basic Military Science II (2) (Formerly: 3)

Effective Date: Fall 2000

Distribution: 2 hrs. (Formerly: 2 hrs., 1 lab)

MS 210 Basic Officer Skills I (2) (Formerly: 3)

Effective Date: Fall 2000

Distribution: 2 hrs. (Formerly: 2 hrs., 1 lab)

MS 220 Basic Officer Skills II (2) (Formerly: 3)

Effective Date: Fall 2000

Distribution: 2 hrs. (Formerly: 2 hrs., 1 lab)

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THE UNIVERSITY OF TENNESSEE  
KNOXVILLE



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School of Information Sciences  
804 Volunteer Boulevard  
Knoxville, Tennessee 37996-4330  
(423) 974-2148  
Fax (423) 974-4967  
<http://www.sis.utk.edu>

December 13, 1999

Dr. Linda M. Tober  
Assistant Dean of Undergraduate Academic Affairs  
420 Communications Building

Dear Dr. Tober:

Attached is a packet of curricular changes for the School of Information Sciences. All proposed changes were approved by the SIS faculty over the course of the 1999 Fall semester. We want to update one of our courses *485 Electronic Communications and Information Resources on Internet* as well as create an advanced class *486 Advanced Electronic Communications and Information Resources on the Internet*.

Due to new Tennessee State Department of Education School Library Information Specialist Requirements there is no longer a need to cross-list the course *475 Utilization of Instructional Media* offered by the College of Education.

I appreciate your cooperation in this matter. If you need any additional information please contact my assistant, Kristie Atwood.

Sincerely

A handwritten signature in cursive script that reads "Elizabeth Aversa".

Elizabeth Aversa  
Director, School of Information Sciences

**Information Sciences**

Revise course title and description:

- 485 Introduction to Electronic Communications and Information Resources on the Internet (3)  
(Formerly: Electronic Communications and Information Resources on Internet)

Exploration of worldwide information and communications resources including email, newsgroups, and the world wide web. Discussion of information issues including copyright, censorship, privacy and access.

Effective date: Fall 2000

Add:

- 486 Advanced Electronic Communications and Information Resources on the Internet (3)  
Exploration of advanced information and communications issues, resources and tools including forms, scripting and search engines. Prerequisite: IS 485 or consent of instructor.

Effective date: Fall 2000

Drop course:

- 475 Utilization of Instructional Media (3)  
(Same as Education in the Sciences, Mathematics, Research and Technology 475.)

Effective date: Fall 2000



**UNIVERSITY HONORS**

Drop:

University Honors 118 Whittle Scholars Seminar  
University Honors 128 Whittle Scholars Seminar

Effective Fall 2000

Rationale:

Whittle Scholars, Manning Scholars, and Oldham Scholars will continue to take the same sections of Freshman Honors Seminar (these will be designated sections of UH 117, 127—Freshman Honors Seminar). As more merit scholarship recipients become affiliated with the Whittle Scholars, it now seems inappropriate to have the seminar named for only one of those scholarship groups.

**COURSES NOT OFFERED IN FOUR OR MORE YEARS  
TO BE DROPPED EFFECTIVE FALL 2000**

**COLLEGE OF ARCHITECTURE AND DESIGN**

ARCHT                    416        FORMS OF UTIPIA

**COLLEGE OF ARTS AND SCIENCES**

AMER STUD	380	AMER ISS: WAR/PEACE
ART	280	ENAMELING
CINEMA STU	292	FILM DESIGN
CLASSICS	254	GRK/ROM LIT-ENG TRANS
COMP SCI	412	SENIOR THESIS II
MATH	444	COMPLEX VARIABLES II
MATH	451	TOPICS IN ALGEBRA
MUSC ENSBL	332	COLLEGIUM
MUSC ENSBL	382	UNIVERSITY CHORUS
MUSC VOICE	210	VOCAL TECHS/POP MUSIC
MUSIC JAZZ	150	STUDIO GUITAR STYLES
MUSIC PERF	496	COMPOSITION/MEDIA
MUSIC THRY	250	COMPOSITION
PHILOSOPHY	412	INDIAN SYST OF PHIL
REL STDIES	416	JESUS and PAUL COMPARED
REL STDIES	422	ELEMENT SANSKRIT II
REL STDIES	462	INTER SANSKRIT I
RUSSIAN	425	INTRO DESCRIP LINGUIS
RUSSIAN	426	METHS HIST LINGUISTICS

**COLLEGE OF EDUCATION**

PHYS EDUC	205	BASKETBALL
PHYS EDUC	210	FOLK/SQUARE DANCE
PHYS EDUC	241	SWIM III: WSI
PHYS EDUC	246	TRACK/FIELD

**COLLEGE OF ENGINEERING**

ENGR SCI	435	ENGINEERING ACOUSTICS
ENGR SCI	461	EXPER STRESS ANALYSIS
MECH ENGR	481	INTER COMBUST ENGINE