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November 17, 1983

PASSAGE BY THE SENATE OF THESE CURRICULUM CHANGES IS ESSENTIAL FOR INCLUSION IN THE 1984-86 CATALOGUE. TO INSURE A QUORUM, ENCOURAGE YOUR SENATORS TO BE PRESENT AT THE DECEMBER 6 SENATE MEETING.

The Curriculum Committee met on Thursday, November 17, 1983, in Brewster B-103 at 1:00 p.m. The following members were present: McMillan, Holt, Daugherty, Grossnickle, Broadhurst, Topper, O'Rear, Muller, Ziehr, Boyce, Cain (ex officio) and Teresa Briley (student). Absent: Hancock.

Professor Florence Weaver, School of Education, presented the new course COED 5370, Introduction to Counseling and Human Services (3) and the deletion of COED 5360. Muller moved approval as amended. Broadhurst seconded. The motion passed.

Professors William Durham and Elizabeth Sparrow, Department of Business Education and Administrative Services, presented the request to add a new option, change program option titles, revise existing options and minor, add six new courses, delete four courses, and change prerequisites for BUED 2120 and 4312. Briley moved to approve the proposals as amended contingent upon approval by the Teacher Education Council. Broadhurst seconded. The motion passed. (See catalogue copy for complete details.)

The School of Nursing requested the deletion of <sup>32</sup>27 courses as listed in the catalogue copy. Grossnickle moved to delete. Daugherty seconded. The motion passed.

Professors Edward Uhr, Louis Zincone, and Havva Altuner, School of Business, presented the changes requested in the BSBA Degree and the BSA Degree. Grossnickle moved to approve the changes. Broadhurst seconded. The motion passed.

Professor Donald Clemens, Department of Chemistry, presented the request to bank CHEM 5950, 5951, to change the prerequisites for CHEM 3950, and to add a new course, CHEM 1163, Introduction to Computer Techniques in Experimental Chemistry (1). This new course will affect the BS in Chemistry, the BA in Chemistry (major and minor), the BS in Biochemistry and the BS in Medical Technology. Dr. Clemens also requested that the Curriculum of the Preparation of Teachers (BS Teaching) for Chemistry be deleted. Holt moved approval as amended; Ziehr seconded. The motion passed.

Professor Charles Stevens, School of Music, presented the request to revise the Music degree for Music Therapy and for Music with Business Emphasis, the revision of course descriptions for the service courses, and some editorial changes. Muller moved to approve the proposals. Boyce seconded. The motion passed.

Professor David Sanders, Director of the Honors Program, presented the changes requested in the Honors Program seminars. He stated that on the preregistration form and on the Grade Report the specific area in the General Education requirements each course satisfies would be clearly stated, i.e., HSEM 2013, HSEM in Soc. Scs.: PSYC (3. s.h.). McMillan moved to approve the proposal as amended. Boyce seconded. The motion passed.

Professors Trenton Davis and Y.J. Lao presented changes requested in Environmental Health which included offering two options for the degree,

changing some prerequisites, increasing from 0 s.h. to 1 s.h. the credit given for six laboratory courses, and adding three new courses. Dr. Davis stated that at present adequate resources are available. Holt moved to approve the proposals as amended. O'Rear seconded. The motion passed.

Professors Elmer Erber, Jerry Tester, and Darryl Davis, Department of Industrial and Technical Education, presented the request to renumber 27 courses, add new courses, change prerequisites and make changes in the degrees and the minor. Boyce moved to approve the proposals as amended. Holt seconded. The motion passed.

Professors Eugenia Zallen, Katharine Warsco, Margie Gallagher, Lilla Holsey, Patricia Rice, Jane Teleki, School of Home Economics, presented the proposal to revise course, add new courses, delete courses, and change degree requirements for Food, Nutrition and Institution Management; Clothing and Textiles; Housing; Child Development and Family Relations. Dean Zallen stated that at present adequate resources are available. Boyce moved to approve the proposal as amended. McMillan seconded. The motion passed.

Professor Wilber Castellow, Department of Psychology, presented the revised major and minor in Psychology and the request to delete the statement, "Not recommended for majors" from PSYC 3201, 3240, 3275, and 4305. Daugherty moved to approve the proposals as amended. Broadhurst seconded. The motion passed.

Profesor Marie Farr presented the new study abroad courses and the revised European Studies program. She stated that the study abroad courses would be handled in the same way as the Honors Seminars and state the specific area. McMillan moved to approve the proposals. Boyce seconded. The motion passed. The meeting adjourned at 4:15 p.m. See the catalogue copy for complete details for the proposals.

Stella Daugherty  
Secretary

SCHOOL OF EDUCATION

- COED 5360 Delete
- COED 5370 Introduction to Counseling and Human Services (3) (formerly COED 5360)  
Prerequisites: Senior/Graduate status  
A basic course introducing issues and processes involved in counseling and guidance programs. Attention is given to philosophy, functions, professional issues which comprise effective programs.

SCHOOL OF TECHNOLOGY  
Department of Business Education

- BUED 2135 Delete  
BUED 2145 Delete  
BUED 2204 Delete  
BUED 2219 Delete  
For BUED 2120: Delete corequisite: BUED 2116  
For BUED 4312: Delete prerequisite BUED 3214, 3225 and add prerequisite: Senior standing.
- BUED 2136 Office Machines (3)  
Prerequisite: Typing desirable  
A course designed to assist students in the development of a high-level competency in the operation and maintenance of modern office calculating and reprographics machines. (Students who have received credit for BUED 2135 and/or 2145 may not receive credit for 2136.)
- BUED 2205, 2206 Introduction to Word Processing (3,0) (formerly 2204)  
Prerequisites: BUED 1002 or permission of instructor  
Introduces the word processing concept and provides for the development of machine transcription/proofreading skills essential for efficient word processors and office workers.
- BUED 2212, 2213. BASIC Programming for Business Applications (2,0)  
Thirty classroom and 15 laboratory hours pe semester.  
Prerequisites: BUED 2112 or its equivalent.  
A course in designing and coding BASIC programs related to business applications for use on the microcomputer.
- BUED 2311, 2312. Financial Information Systems (3,0)  
Forty-five classroom and 15 laboratory hours per semester.  
Catalogue description: A study of financial information systems, procedures, and problems of business organizations with special emphasis on computerized applications.
- BUED 3220 Business Communications (3) (formerly 2219)  
Prerequisite: ENGL 1200  
Develops an understanding of the need for effective communications in business through application of basic principles of written communications to the solution of specific business problems.

BUED 4000 Word/Information Processing Systems (3)  
Prerequisites: BUED 2112 or equivalent BUED 3225.  
This course provides for advanced study of word/information processing concepts and systems and further enhances their preparation for a decision-making role in the area of word/information processing and/or management. Special attention is given to conducting feasibility studies and dealing with change in today's automated office environment.

BUED 3291, 3292, 3293, 3294. Internship: Supervised Work Experience (1, 2, 3, 4)  
3291: 100 laboratory hours; 3292: 200 laboratory hours; 3293: 300 laboratory hours; 3294: 400 laboratory hours.  
Prerequisite: Consent of a departmental coordinator and at least one semester as a full-time ECU student.  
A supervised work experience program designed to strengthen the student's competency in the Business Education or Vocational Marketing and Distributive Education area. Variable credit 1-4 semester hours; may be taken in any combination up to a maximum total of 4 semester hours.

DEPARTMENT OF BUSINESS EDUCATION  
AND ADMINISTRATIVE SERVICES

The Department of Business Education and Administrative Services offers both teaching and non-teaching degree programs. In the teacher education program, certification options are available in the Vocational Business and Office Education area and in Vocational Marketing and Distributive Education. Non-teaching-degree program options are available in Office Administration and in Word/Information Processing. Minors (BA/BS) are offered in Office Administration, Word/Information processing, and in Distribution Technology: Merchandising.

ACCREDITATION

The Department of Business Education and Administrative Services is a member of the National Association for Business Teacher Education.

SIGNIFICANCE OF COURSE NUMBERS AND NAME ABBREVIATIONS: See Section 7.

BACHELOR OF SCIENCE IN BUSINESS EDUCATION  
(B.S.B.E.)

Minimum degree requirement is 129 s.h. of credit as follows:

1. General education requirements plus special requirements for certification (see Section 6. The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) including PSYC 1050\*, 2101\*; HIST 2012\*; ECON 2113\*; Literature (3 s.h.)\*; SPCH 2001\* or 2080\* or 3004\*; ART 1910\* or MUSC 2208\*; Humanities and Fine Arts Electives (3 s.h.)\*; MATH 1065\*; Social Science elective (2 s.h.)\*.

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2. Professional Requirements . . . . . 25 s.h.  
BUED 2123, 4323, 4324; READ 3990, PSYC 2240, 4305; SEED 3271, 3325; SPED 2000.

3. Teacher certification candidates must meet a business experience requirement that may be satisfied by appropriate documentation or by an internship experience.

COMPREHENSIVE TEACHING CERTIFICATE  
AND VOCATIONAL BUSINESS AND OFFICE EDUCATION CERTIFICATE

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ACCT 2401 . . . . .	3 s.h.
BUED 1003*, 2112, 2114, 2116, 2120, 2136, 2205, 2212, 2311, 3200, 3214, 3220, 3225, 3228, 3267, 4312, 4330, 5388 . . . . .	51 s.h.
CSCI 2608 . . . . .	2 s.h.
FINA 2244 . . . . .	3 s.h.
Free elective . . . . .	1 s.h.

BASIC BUSINESS TEACHING CERTIFICATE  
AND VOCATIONAL BUSINESS AND OFFICE EDUCATION CERTIFICATE

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ACCT 2401 . . . . .	3 s.h.
BUED 1003*, 2112, 2136, 2205, 2212, 2311, 3200, 3225, 3228, 3301, 3302, 3220, 3267, 4330, 5388 . . . . .	43 s.h.
CSCI 2608 . . . . .	2 s.h.
FINA 2244 . . . . .	3 s.h.
Free Electives . . . . .	9 s.h.

VOCATIONAL MARKETING AND DISTRIBUTIVE EDUCATION  
TEACHING CERTIFICATE

BUED 1002**, 2112, 2136, 2212, 2311, 3200, 3228, 3267, 3301, 3302, 3220, 4330, 5388, 5389, 5390 . . . . .	43 s.h.
CSCI 2608 . . . . .	2 s.h.
FINA 2244 . . . . .	3 s.h.
Major area electives . . . . .	12 s.h.

VOCATIONAL MARKETING AND DISTRIBUTIVE EDUCATION  
AND BASIC BUSINESS TEACHING CERTIFICATE

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ACCT 2401 . . . . .	3 s.h.
BUED 1003*, 2112, 2136, 2205, 2212, 2311, 3200, 3220, 3228, 3267, 3301, 3302, 4330, 5388, 5389, 5390 . . . . .	46 s.h.
CSCI 2608 . . . . .	2 s.h.
FINA 2244 . . . . .	3 s.h.
Major area electives . . . . .	6 s.h.

\*students must meet the prerequisites for BUED 1003  
\*\*students must meet the prerequisites for BUED 1002

Occupational Exploration: Business and Office Laboratory Certificate

Students who have completed requirements for the Vocational Business and Office Education Certificate for the Vocational Marketing and Distributive Education Teaching Certificate may also earn the Occupational Exploration: Business and Office Laboratory Certificate by taking TECH 5300, Middle Grades Occupational Exploration, and BUED 5301, Middle Grades Occupational Exploration in Distributive and Business Education.

Office Administration (Non-Teaching)

Option I: Office Administration

ACCT 2401 . . . . .	3 s.h.
BUED 1003*, 2112, 2114, 2116, 2120, 2136, 2212, 2311, 3200, 3214, 3220, 3225, 3228, 3294**, 3301, 4000, 4312 . . . . .	49 s.h.
CSCI 2608 . . . . .	2 s.h.
ECON 2133 . . . . .	3 s.h.
FINA 2244 . . . . .	3 s.h.
MGMT 4422 . . . . .	3 s.h.
PSYC 3221, 3241 . . . . .	6 s.h.
Major area electives (junior or senior level) . . . . .	6 s.h.
Free electives . . . . .	10 s.h.

Option II: Word/Information Processing

ACCT 2401 . . . . .	3 s.h.
BUED 1003*, 2112, 2136, 2205, 2212, 2311, 3200, 3225, 3228, 3294**, 3301, 4000, 4312, 5390 . . . . .	44 s.h.
CSCI 2608 . . . . .	2 s.h.
DSCI 3623 . . . . .	3 s.h.
ECON 2133 . . . . .	3 s.h.
MGMT 4422 . . . . .	3 s.h.
PSYC 3221, 3241 . . . . .	6 s.h.
Major area electives (junior or senior level) . . . . .	9 s.h.
Free electives . . . . .	9 s.h.

Minor in Office Administration

Option I: Office Administration

BUED 1003*, 2112, 2114, 2116, 2120, 2205, 2311, 3214, 3225 . . . . .	25 s.h.
ACCT 2401 . . . . .	3 s.h.

Option II: Word/Information Processing

BUED 1003*, 2112, 2205, 2311, 3220, 3225, 3228, 4000; 3 s.h. from 3200, 3301, 3302 . . . . .	26 s.h.
ACCT 2401 . . . . .	3 s.h.

\*Must have BUED 1002 or its equivalent

\*\*Students who have met work experience requirement should take 4 s.h. of electives in the major.

Minor in Distribution Technology: Merchandising

BUED 2112, 2311, 3200, 3220, 3228, 3301, and 3302 . . . . .	21 s.h.
Minor area electives to be selected in consultation with minor area adviser . . . . .	6 s.h.

CURRICULA REQUIREMENTS FOR STUDENTS  
TRANSFERRING FROM TECHNICAL INSTITUTES OR  
TECHNICAL PROGRAMS TO THE B.S. DEGREE PROGRAM  
WITH A MAJOR IN BUSINESS EDUCATION

The Department of Business Education and Administrative Services will accept a maximum to thirty semester hours of technical credit from a community college or technical or junior collect. The Department will accept lower-level courses (Numbered 1000 and 2000 at East Carolina University), except

BUED 1003. The Department will not accept for credit upper-level courses (numbered 3000 and 4000 at East Carolina University.)

The transfer student must meet the requirements of the degree-option he/she elects to pursue in this Department. In addition to the teaching and non-teaching options available, the transfer student may elect to pursue the option for technical teachers.

#### OPTION FOR TECHNICAL TEACHERS

Minimum degree requirement is 129 s.h. of credit as follows:

1. General education requirements (see Section 6, The General College: Requirements for Baccalaureate Degree Programs) . . . . . 44 s.h.
2. Cognate requirements (see Bachelor of Science in Business Education, Section 2, Cognate Requirements) . . . . . 26 s.h.
3. Professional education requirements: BUED 2123, 4323; SEED 3271, 3325, READ 3990; SPED 2000; PSYC 2240, 4305; TECH 4100 . . . . . 25 s.h.
4. Technical requirements: ACCT 2401; FINA 2244; TECH 1001, 1002, 1003; BUED 3200, 3228, 3267, 4330; plus 9 s.h. of BUED electives above 2999 . . . . . 60 s.h.

#### SCHOOL OF NURSING

Delete the following courses:

NURS 4310, 4311, 4321, 4322, 4325, 4326, 4352, 4353, 4354, 4355, 5340, 5341, 5346, 5347, 5348, 5349, 5350, 5351, 5360, 5361, 5370, 5371, 5380, 5390, 5391, 5990. 5301, 5302, 5303, 5306, 5307, 5381

#### SCHOOL OF BUSINESS

p. 295, Bachelor of Science in Business Administration Programs revise 1.-5. to read:

1. General education requirements (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS): ECON 2113, 2133; MATH 1065; PSYC 1050; SPCH 2080; SOCI 2110 . . . . . 44 s.h.
2. Cognates: ENGL 3880; MATH 2283 . . . . . 6 s.h.
3. Common Body of Knowledge: ACCT 2401, 2521; DSCI 2223, 3063, 3243, 3623; FINA 2244, 3724; MGMT 3202, 3722, 4842; MKTG 3832 . . . . . 36 s.h.
4. Concentration . . . . . 15-21 s.h.
5. Electives . . . . . 13-19 s.h.

p. 28, Curriculum Supplement to 1982-84 Undergraduate and Graduate Catalogues revise 1.-6. to read:

1. General education requirements (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) including ECON 2113, 2133; MATH 1065; PSYC 1050; SPCH 2080; SOCI 2110 . . . . . 44 s.h.
2. Required Cognate: ENGL 3880; MATH 2283 . . . . . 6 s.h.
3. Common Body of Knowledge: ACCT 2401, 2521; DSCI 2223, 3063, 3243, 3623; FINA 2244, 3724, MGMT 3202, 3722, 4842; MKTG 3832 . . . . . 36 s.h.
4. Area of concentration: ACCT 3551, 3561, 3581, 3611, 3621, 3731, 3901, 4821 . . . . . 24 s.h.
5. Non-Accounting Electives (Survey Sampling, Computer Science, Management Information Systems, among others) selected with regard to relevance to the needs of the student on consent of chairperson . . . . . 10 s.h.

DEPARTMENT OF CHEMISTRY

Delete curriculum for Preparation of Teachers (B.S. Teaching)  
CHEM 3950 remove BIOL 5800, 5801 from list of prerequisites  
CHEM 2251 add Chem 1163 to prerequisites

CHEM 1163 Introduction to Computer Techniques in Experimental Chemistry (1)  
One three hour laboratory per week.  
Prerequisites: CHEM 1150, 1151, MATH 1063 or 1065  
Corequisite: CHEM 1160, 1161, calculus recommended  
Introduction to the use of microcomputers in processing  
laboratory data and solving various kinetic,  
thermodynamic and equilibrium problems.

CURRICULUM FOR B.S. DEGREE IN CHEMISTRY

In #2 Required CHEM courses add CHEM 1163 to list and increase total number of semester hours to 41 s.h.

CURRICULUM FOR B.A. DEGREE

A. Chemistry Major

In #3 Required CHEM courses add CHEM 1163 to list and increase total number of semester hours to 33 s.h.

B. Chemistry Minor

Add CHEM 1163 to the list of required CHEM courses and increase the total number of semester hours needed for a minor in chemistry to 28 s.h.

DEPARTMENT OF BIOLOGY

B.S. in Biochemistry

Please refer to November 10, 1983, minutes for numbers 1, 2, 3, and 5.  
4. Required cognate courses: MATH 1065\* and 1075 or 1085\*, 2182, 2183; PHYS 2250, 2260, 2270, 1251, 1261; CHEM 1163 . . . . . 22-23 s.h.  
6. Plus electives to complete requirements for graduation . . . . . 10-11 s.h.

Department of Medical Technology

REQUIREMENTS FOR THE B.S. DEGREE IN MEDICAL TECHNOLOGY

Please refer to November 10, 1983, minutes for complete information. Changes are indicated below.

Minimum degree requirement is 134 s.h. of credit as follows:

2. Required cognates: BIOL 1050, 1051, 2130, 3310, 3311, 4120, 4121; CHEM 1163, 2650, 2651, 2250, 2251 . . . . . 27 s.h.

SCHOOL OF MUSIC

Add BIOL 1051 to Music Therapy cognate requirements. (page 337, line 15 would read Science: BIOL 1050, BIOL 1051 . . . . . 4 s.h.)

Delete paragraph and heading concerning "Knowledge of the Music Library," (page 336)  
Replace with the following statement: "All music majors have the following required cognate course: LIBS 1000 (sections as assigned for music majors). (page 336, under general education requirements for all majors; just before

material on page 337).

Delete heading, "Service Courses in Music," (page 351). Replace with "Courses for Non-Music Majors," (page 351).

- MUSC 2208 Music Appreciation (2)  
Introduction to the basic materials of music and their utilization in the understanding and enjoyment of music of different styles and periods. Classes include lectures and live performances. Emphasizes development of aural awareness.
- MUSC 2218 Orchestral Music (2)  
The mainstream of the development of orchestral music from 1600 to the present with reference to historical background and the other arts. Emphasis on analytical listening.
- MUSC 2238 Contemporary Music (2)  
An introduction to the understanding and appreciation of all forms of contemporary music in relation to the complexities of twentieth century culture. Emphasis on listening.
- MUSC 2248 Music of the World's Peoples (2)  
Intended to encourage a broader comprehension and appreciation of non-Western music and an increased awareness of the music and musical thought of other cultures. A basic survey of the music of non-Western cultures from Asia, Africa, the near East, the Pacific, and South America.
- MUSC 2258 History of Jazz Music (2)  
A study of the history of jazz from its origin to the present. Qualifies for music major elective credit.

REVISIONS: Bachelor of Music in Music with Business Emphasis addition on page 337 of 1982-1984 catalogue, under B.M. Degree, 1. General Education requirements, cognate requirements for various programs, listed beneath Music Therapy.

Music with Elective Studies in Business

Social Sciences: ECON 2113, 2133; PSYC 1050; SOCI 2110 . . . . . 11 s.h.

Revision for page 344 of the 1982-1984 catalogue (see supplement, page 37)

L. Music with Elective Studies in Business . . . . . 87 s.h.

Theory and Literature: MUSC 1156, 1166, 1176, 1186, 1406, 2156, 2166, 2176, 2186, 2406, 2416 . . . . . 24 s.h.

Conducting: MUSC 3156, 3166 . . . . . 4 s.h.

Arranging: MUSC 3176 . . . . . 2 s.h.

Applied Major: . . . . . 14 s.h.

A B.M. with Elective Studies in Business major must present a half senior recital.

Applied Minor (piano): MUSC 1105, 1115, 2105, 2115 . . . . . 4 s.h.

A student who is exempt from any of these courses must take other minor applied to complete the required total hours.

Functional Instrument Classes: MUSC 2305, 2315 (strings): 1405, 1415, 1425 (woodwinds; choose two); 1435 (brass); 1445 (percussion). 6 s.h.

Business: ACCT 2401, 2521; MGMT 3202; MKTG 3832; DSCI 2223; MATH 2283; FINA 2244, 3724 . . . . . 24 s.h.

Free electives: (no additional hours in business may be included) 9 s.h.

Performance Group Participation: 8 semesters

Instrumental Concentration: The student must be a member of at least one instrumental performance ensemble for eight semesters with a minimum of five semesters being devoted to participation in a large ensemble. Wind and percussion students must participate in the Marching Band the first two semesters it is available.

Vocal Concentration: The student must be a member of a large choral ensemble for four semesters. He or she may participate in vocal ensembles of his or her choice, including Opera Workshop, during the four remaining semesters.

Keyboard Concentration: The student must be a member of an ensemble for eight semesters with a minimum of four semesters being devoted to participation in large ensembles. He or she may participate in large or small ensembles during the remaining four semesters. Accompanying qualifies as a small ensemble, and a minimum of one semester of accompanying is required.

#### THE HONORS PROGRAM

Dr. F. David Sanders, Director, 212 Ragsdale

The Honors Program is a University-wide endeavor which exists to ensure superior undergraduate students an exceptional educational experience, beginning with their first day in college. Eligible students accepted by the University are often contacted while they are still in high school. Currently enrolled freshmen and sophomores with a 3.5 average are also invited to participate in the program, which each semester offers Honors sections of many regular introductory courses (in such disciplines as English, history, anthropology, and psychology) and special, often interdisciplinary, Honors Seminars designed to meet General Education requirements. Many of these seminars are team-taught. Below are listed the general categories of the seminars; the precise topics change each semester as generated by Honors student requests and faculty proposals. Students may take seminars with the same number twice for credit, so long as the topics are different.

Students interested in pursuing Honors work in their junior/senior years may do so within the department of their major if it offers Honors.

For further information on qualifications and specific offerings, students should consult the Director. The Honors Program is a member of the National Collegiate Honors Council and its regional and state affiliates and

participates in National Honors exchange programs.

#### HONORS SEMINARS

- HSEM 2011 Honors Seminar in the Humanities (3 s.h.)  
This course may be used toward satisfaction of the General Education requirement in the humanities (literature, philosophy). The specific topic will change each semester; examples might be "Humor as a Response to the Tragedy in our Lives," "What It Means to be Human (according to Shakespeare)," and "Classic Philosophical Problems and Current Attempts to Resolve."
- HSEM 2012 Honors Seminar in the Fine Arts ( 3 s.h.)  
This course may be used toward satisfaction of the General Education requirement in the fine arts (Drama/Speech, Music, Art). The specific topic will change each semester; examples might be "The Arts in Society," "An Introduction to the Fine Arts," "Gothic Cathedrals: their meaning and significance," "Human Values and Point-of-View in Art and Design."
- HSEM 2013 Honors Seminar in the Social Sciences ( 3 s.h.)  
This course may be used toward satisfaction of the General Education requirement in the social sciences (Anthropology, Economics, Geography, History, Political Science, Psychology, Sociology). The specific topic will change each semester; examples might be "Behavioral Psychology," "Utopia/Dystopia," "Election-Year Politics," "Landmark Works in Psychology," "The American Way of War," "The Small Group as Laboratory Society."
- HSEM 2014 Honors Seminar in the Sciences (3 s.h.)  
This course may be used toward satisfaction of the General Education requirement in the sciences (Biology, Chemistry, Physics, Geology). The specific topic will change each semester; examples might be "Subjectivity in Science," "Mankind in the Environment," "Scientific Experimentation and Social Acceptance."
- HSEm 2015 Honors Science Laboratory (1 s.h.)  
The Honors Science Laboratory will accompany HSEM 2014 when considered appropriate by the science department giving the seminar.
- HSEM 2016 Interdisciplinary Honors Seminar (3 s.h.)  
This course offers an interdisciplinary investigation which crosses over the lines of the areas listed above. Examples might be "A Behavioral Approach to Modern Literature," "The Public Schools and Contemporary Society," "The Human Being as viewed by Literature and Anthropology," and "American Landscape in Literature and Painting." The General Education areas for which credit may be earned is dependent upon the subject matter.

SCHOOL OF ALLIED HEALTH  
Department of Environmental Health

Requirements for B.S. Degree  
in Environmental Health  
(General Option)

Minimum degree requirement is 126 s.h. as follows:

1. General education requirements including MATH 1065; CHEM 1150, 1151, 1160, 1161; PSYC 1050; SOCI 2110; GEOG 4015, SPCH 2080 . . . . . 44 s.h.
2. Required Cognates: BIOL 1050, 1051, 2110, 2111, 2130; MATH 3228; PHYS 1250, 1251, 1600, 1601; . . . . . 22 s.h.
3. HPRO Course Courses: 4300, 4350 . . . . . 4 s.h.
4. EHLT courses: 2100 , 3003, 3100, 3200, 3201, 3350, 3351, 3360, 3361, 3600, 3700, 3701, 3800, 3801, 4200, 4300, 5010, 5011 . . . . . 39 s.h.
5. Electives to complete requirements . . . . . 17 s.h.

Requirements for the B.S. Degree  
in Environmental Health

(Occupational Health Option)

Minimum degree requirement is 126 s.h. as follows:

1. General education requirements including PSYC 1050; SOCI 2110; MATH 1065; CHEM 1150, 1151, 1160, 1161 . . . . . 44 s.h.
2. Required cognates: BIOL 1050, 1051, 2110, 2111, 2130; MATH 1074, 2119, 3228; PHYS 1250, 1251, 1260, 1261, 1600, 1601; CHEM 2650, 2651 . . . 35 s.h.
3. HPRO Core courses: 4300, 4350 . . . . . 4 s.h.
4. EHLT courses 2100, 3003, 3100, 3350, 3351, 3360, 3361, 3600, 3700, 3701, 3800, 3801, 3900, 4200, 5010, 5011, 5150, 5151 . . . . . 39 s.h.
5. Electives to complete requirements . . . . . 3 s.h.

EHLT 3200 Food Sanitation Principles (3)  
Delete "Two lectures per week."  
Prerequisites and catalogue remain the same.

EHLT 3201 Food Sanitation Principles Laboratory (1)  
Three laboratory hours per week.  
Prerequisites: Permission of instructor; corequisite: EHLT 3200  
Catalogue description remains the same.

EHLT 3350, 3360 Water Supply and Wastewater Treatment (3,3)  
Delete "Two hours lecture per week."  
Prerequisites and catalogue description remain the same.

- EHLT 3351, 3361 Water Supply and Wastewater Treatment Laboratory I, II (1,1)  
Remainder remains the same, i.e., contact hours, prerequisites and catalogue description.
- EHLT 3700 Occupational health (3)  
Prerequisites: BIOL 2130; corequisite: EHLT 3701  
Catalogue description remains the same.
- EHLT 3701 Occupational Health Laboratory (1)  
Contact hours, prerequisites and catalogue description remain the same.
- EHLT 3800 Solid Waste Management and Vector Control (3)  
Prerequisites: Departmental permission. Environmental Health majors will receive first priority; EHLT 3003, BIOL 1050, 1051, 2110, and 2111; Corequisite: EHLT 3801.  
Solid and hazardous waste management and Vector Control with emphasis on vector-borne diseases, their prevention and control.
- EHLT 3801 Solid Waste Management and Vector Control Laboratory (1)  
Three hours laboratory per week.  
Prerequisites: Departmental permission. Environmental Health majors will receive first priority; EHLT 3003, BIOL 1050, 1051, 2110, 2111; Corequisite: EHLT 3800.  
Laboratory methods in vector control and solid waste management. Practical application of control procedures.
- EHLT 3900 Occupational Diseases (3)  
Prerequisites: Eight semester hours of general chemistry, six semester hours of biology including BIOL 2130 or permission of instructor.  
Occupational diseases are discussed in terms of occupational health hazards and associated health effects.
- EHLT 5010 Environmental Toxicology (3)  
Prerequisites: Senior or graduate standing; 8 semester hours of chemistry; 6 semester hours of biology including BIOL 2130 or permission of instructor. Corequisite: EHLT 5011.  
The basics of toxicology - physiological response and environmental sources, as well as specifics of major toxins will be covered. Primarily for Environmental Health majors, but available to other students.
- EHLT 5011 Environmental Toxicology Laboratory (1)  
One laboratory hours per week.  
Prerequisites: Senior or graduate standing; 8 semester hours of general chemistry; 6 semester hours of biology including BIOL 2130 or permission of instructor: corequisite: EHLT 5010  
Laboratory experiments designed to demonstrate fundamental principles of toxicology including toxicokinetics, toxicodynamics, and environmental mental factors influencing toxicity.
- EHLT 5150 Analytical Toxicoicology (3)  
Prerequisites: Senior level or graduate standing; 8 semester hours of general chemistry; 6 semester hours of biology or permission of instructor. Concurrent enrollment in Analytical Tox. lab, EHLT 5151.  
Theory and application of instrumental and analytical techniques

used to determine levels of contaminants in environmental and biological samples.

EHLT 5151 Analytical Toxicology Laboratory (1)  
Three laboratory hours per week.  
Prerequisites: Senior level or graduate standing; 8 semester hours of general chemistry; 6 semester hours of biology or permission of instructor. Concurrent enrollment in Analytical Toxicology, EHLT 5150.  
Laboratory experiments and demonstrations designed to illustrate analytical methods used to evaluate human exposure to environmental contaminants.

#### DEPARTMENT OF INDUSTRIAL AND TECHNICAL EDUCATION

Alter the existing numbering sequence of selected INDT core courses to more accurately reflect the class level at which these courses should be taken.

INDT 1001	TO 2001	INDT 1072	TO 2072
INDT 1002	TO 2002	INDT 1073	TO 2073
INDT 1010	TO 2010	INDT 1084	TO 2080
INDT 1020	TO 2020	INDT 1085	TO 2081
INDT 1032	TO 2034	INDT 1088	TO 2088
INDT 1033	TO 2035	INDT 2032	TO 3032
INDT 1042	TO 2044	INDT 2033	TO 3033
INDT 1043	TO 2045	INDT 2042	TO 2142
INDT 1052	TO 2054	INDT 2043	TO 2143
INDT 1053	TO 2055	INDT 2062	TO 3062
INDT 1062	TO 2064	INDT 2063	TO 3063
INDT 1063	TO 2065	INDT 2070	TO 3072
INDT 1072	TO 2072	INDT 3054	TO 4052
		INDT 3055	TO 4053
		INDT 3070	TO 4072

#### INDUSTRIAL AND TECHNICAL EDUCATION DEPARTMENT Course Changes

INDT 2001, 2002 Industrial Crafts (3,0) (Formerly 1001, 1002)\*

INDT 2010 Introduction to Industry and Technology (3) (formerly 1010)\*

INDT 2020 Materials Technology (3) (formerly 1020)\*

INDT 2034, 2035 Engineering Graphics I (3,0) (formerly 1032, 1033)\*

INDT 2044, 2045 Introduction to Graphic Communication Technology (3,0)  
(formerly 1042, 1043)\*

INDT 2054, 2055 Electricity/Electronics Fundamentals (3,0) (formerly 1052, 1053)\*

INDT 2056, 2057 Electronic Power Systems (3,0)  
Two hours lecture and two hours laboratory per week.  
Prerequisite: INDT 2054  
An examination of the principles, materials, and machines used in electrical power distribution.

- INDT 2064, 2065 Woods Processing Technology I (3,0) (formerly 1062, 1063)\*  
(3,0)
- INDT 2066, 2067 Polymeric Materials (3,0)  
Two hours lecture and four hours laboratory per week.  
Prerequisites: INDT 2010, 2020, 2034  
A study of physical properties and processing characteristics of selected polymeric materials. Emphasis is placed on wood and plastic products. Laboratory activities will involve construction and evaluation of polymeric products.
- INDT 2072, 2073 Metals Technology I (3,0) (formerly 1072, 1073)\*
- INDT 2076, 2077 Non-Polymeric Materials (3,0)  
Two hours lecture and four hours laboratory per week.  
Prerequisites: INDT 2010, 2020, 2034  
Studying the shaping, forming and utilization and non-polymeric materials such as metals, ceramics, and combinations that are used in the various manufacturing processes in industry. A practical approach, having the students plan and conceive products, will be emphasized.
- INDT 2080, 2081 Power Technology (3,0) (formerly 1084, 1085)\*
- INDT 2088 Hydraulic and Pneumatic Systems (3) (formerly 1088)\*
- INDT 2142, 2143 Photo-Offset Litho (3,0) (formerly 2042, 2043)\*  
Prerequisite: INDT 2044
- INDT 3010, 3011 Applied Metrology (3,0)  
Two hours lecture and two hours laboratory per week.  
Prerequisites: INDT 2010, 2020, 2034  
This course will be concerned with the science of weights and measures. Subjects studied will be basic linear measurements, gaging principles, surface plate techniques and other applications of weights and measures. Emphasis will be placed on the practical application of various methods of determining precision weights and measure in compliance with standard manufacturing practice.
- INDT 3022 Industrial Materials Selection (3)  
Prerequisites: INDT 2066, 2067 and consent of the Materials Processing option director.  
A study of materials selection processes. Emphasis will be placed on application performance, analysis, application conditions, processing conditions, properties, constraints and systematic selection processes.
- INDT 3032, 3033 Engineering Graphics II (3,0) (formerly 2032, 2033)  
Two lecture hours and two laboratory hours per week.  
Prerequisite: INDT 2034  
Continuation of INDT 2034 with greater depth in the application of graphics in manufacturing construction and related fields.

- INDT 3056, 3057 Industrial Solid-State Control (3,0)  
Two hours lecture and two hours laboratory per week.  
Prerequisite: INDT 2054  
The exploration of individual devices and circuits that are interrelated to control industrial systems and processes.
- INDT 3062, 3063 Wood Processing Technology II (3,0) (formerly 2062, 2063)\*  
Prerequisite: INDT 2064
- INDT 3058, 3059 Electronic Communication Systems (3,0) (formerly 3052)  
Two hours lecture and two hours laboratory per week.  
Prerequisite: INDT 2054  
Investigation into the relevant aspects of communication systems, to include circuit principles and techniques for transmission and reception. Practical experience obtained in the analysis and alignment of an AM/FM receiver system.
- INDT 3072 Metals Technology II (3) (formerly 2070)\*  
Prerequisite: INDT 2072
- INDT 3150, 3151 Digital Systems (3,0)  
Two hours lecture and two hours laboratory per week.  
Prerequisite: INDT 2054  
Investigation into the principles and techniques used in modern digital systems to provide logic control over industrial processes.
- INDT 4020, 4021 Process System Design (3,0)  
Two hours lecture and two hours laboratory per week.  
Prerequisites: INDT 2020, 2034, 3020, 3300, 4010, and consent of Materials Processing option director.  
Study, planning, and selection of processes for manufacturing various products. Emphasis is placed on selection criteria such as safety, material, jigs, fixtures, layout and overall efficiency.
- INDT 4023 Process System Application (3)  
Six hours laboratory per week.  
Prerequisites: INDT 4020, 4021  
Planning and layout of a processing system for manufacturing of a live product. Emphasis is placed on process design, costing, control systems and setup.
- INDT 4050, 4051 Microprocessor: Systems and Applications (3,0)  
Two hours lecture and two hours laboratory per week.  
Prerequisite: INDT 3150  
An investigation of the architecture, control, data, and memory bus lines, instruction sets, and an introduction to interfacing troubleshooting of microprocessor integrated circuits as they relate to industrial process control.
- INDT 4052, 4053 Computer-Based Industrial Control (3,0) (formerly 3054, 3055)\*  
Prerequisites: INDT 3056, 3150
- INDT 4072 Metals Technology III (3) (formerly 3070)\*  
Prerequisite: INDT 3072

\*Catalogue information not given remains the same as for the "formerly" numbers.

INDT 3290, 3291 Technical Writing (3,0)  
Prerequisites: ENGL 1100, 1200; LIBS 1000

INDT 2052 Delete

INDT 3052 Delete

Change Prerequisites for the following courses:

INDT 3030 TO INDT 2034  
INDT 3040 TO INDT 2044  
INDT 3660, 3661 TO INDT 2034, 2660, 2662  
INDT 3666, 3667 TO INDT 2034; MATH 1074 OR 1075; and consent of instructor.  
INDT 4030, 4031 TO INDT 2034, 3033  
INDT 4040, 4041 TO INDT 2142 or consent of instructor  
INDT 4060, 4061 TO INDT 3062  
INDT 4507 TO INDT 2072 and/or consent of area chairperson  
INDT 4508 TO INDT 2080 and/or consent of area chairperson

### CURRICULUM FOR PREPARATION OF TEACHERS

#### A. Industrial and Technical Education Major, B.S. Degree

Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) including ECON 2113; HIST (any course); Literature (any course); PSYC 1050; SPCH 2001 or 3004 or 2080 . . . . . 44 s.h.
2. Required INDT courses: 2010, 2020, 2034, 2044, 2054, 2064, 2072, 2080, 3190, 4094, 4190, 4325; plus 6 s.h. from one of the following technology areas: Construction, Drafting & Design, Electricity/Electronics, Graphic Communication, Metals, Woods; plus 9 s.h. of laboratory courses . 51 s.h.
3. Required cognate courses: MATH 1074 . . . . . 2 s.h.
4. Professional credits: READ 3990; PSYC 2240, 4305; SEED 3271, 3325; SPED 2000; INDT 2123, 4323, 4324 . . . . . 25 s.h.
5. Electives . . . . . 4 s.h.

### CURRICULUM FOR INDUSTRIAL TECHNOLOGY

#### A. Major, B.S. (Professional) Degree

Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) including the following: ECON 2113; MATH 1065; PSYC 1050, 3241; 8 s.h. from chemistry and physics, one course from each area (CHEM 0150, PHYS 1070, 1080 will not meet this requirement.); SPCH 2001 or 2080 . . . . . 44 s.h.
2. Technology Core: INDT 2010, 2020, 2034, 2054, 2080 or 2088, 3290, 3292, 4293 . . . . . 24 s.h.
3. Area of Concentration . . . . . 24 s.h.

Construction Management: INDT 2660, 2662, 3660, 3664, 3666, 4660, 4662, and 4664.

Drafting and Design: INDT 3030, 3032, 4030; 9 s.h. selected from INDT 3020, 3300, 4092, 4094, 4200, 4300; 6 s.h. technical electives.

Electricity/Electronics: INDT 2056, 3056, 3058, 3150, 4050, 4052, 4505; 3 s.h. technical electives.

Graphic Communication: INDT 2024, 2142, 4040; 9 s.h. selected from 3020, 3300, 4092, 4094, 4200, 4300; 6 s.h. technical electives.

Manufacturing: INDT 2072, 3020, 3300, 4092, 4094, 4200, 4300; 3 s.h. technical electives.

Materials Processing: INDT 2066, 2076, 3010, 3020, 3022, 3300, 4020, and 4023.

4. Required cognate and core courses: ACCT 2401; DSCI 2223; FINA 2244; MGMT 3202 or approved related elective; MATH 1074; approved math related elective (3 s.h. from computer science, calculus, or statistics); approved science elective (4 s.h. from biology, chemistry, geology or physics) . . . . . 21 s.h.
5. Free electives . . . . . 13 s.h.

C. Minor

The student must take INDT 2010 and 2020 and elect 9 s.h. from INDT 4290, 4292, 4300, 4092, 4094, 4293, plus 12 s.h. from any of the following technology areas: Construction, Drafting and Design, Electricity/Electronics, Graphic Communication, Manufacturing, Materials Processing and Power. 27 s.h.

CURRICULUM FOR B.A. DEGREE

A. Industrial and Technical Education Major

Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAM) . . . . . 44 s.h.
2. Foreign language through level 1004 . . . . . 12 s.h.
3. Required INDT courses: 2010, 2034, 2044, 2054, 2064, 2072, 2080, 4092, plus 9 s.h. from any of the six major technology areas: Construction, Drafting and Design, Electricity/Electronics, Graphic Communication, Manufacturing, Materials Processing . . . . . 36 s.h.
4. Plus minor . . . . . 24-30 s.h.
5. General electives to complete requirements for graduation . . . 4-10 s.h.

SCHOOL OF HOME ECONOMICS

Delete HOME 4351, 2107, 3205, 3206, 5342, 1034, 1035, 1036, 4331. Delete 4326, 4327 effective fall, 1984.

HOME 5020 Microcomputer Applications in Home Economics (2)  
Prerequisite: Permission of instructor  
Introduction to the understanding, selection, and use of microcomputers in the various sub-disciplines which comprise Home Economics. Some existing software will be evaluated and development of new applications will be discussed. Variable

content and titles are permitted.

- HOME 2350 Overview of Food Service Management (2)  
Survey of principles of food service management.
- HOME 3250 Economic, Social and Cultural Perspectives in Nutrition (3)  
Prerequisite: HOME 2105  
Influences of economic, social, cultural factors on food consumption and nutritional status.
- HOME 3393 Management of Food Quantity Production and Purchasing (3)  
Prerequisites: HOME 2350  
Systems approach to food service with emphasis on financial management and sanitation and safety.
- HOME 5211 Advanced Clinical Nutrition (1)  
Prerequisites: HOME 3225, 4312, 4313 or permission of instructor.  
Advanced study of the relationship of nutrition to physiological changes occurring during different disease processes and dietary modifications appropriate to the disease. Subjects and course subtitles vary and are announced in advance. May be repeated for credit with different titles. (Course is same as 2 semester hour course except that less information is covered in the class.)
- HOME 5212 Advanced Clinical Nutrition (2)  
Prerequisites: HOME 3225, 4312, 4313 or permission of instructor  
Advanced study of the relationship of nutrition to physiological changes occurring during different disease processes and dietary modifications appropriate to the disease. Subjects and course subtitles vary and are announced in advance. May be repeated for credit with different titles. (Course is same as 1 semester hour course except that more diseases and/or information is covered in the class.)
- HOME 2003 Clothing Construction (2)  
Prerequisites: None. May be bypassed (no credit) with an acceptable score on a comprehensive examination.  
Evaluation of techniques and development of quality standards for fabric selection and apparel construction.
- HOME 2004 Clothing Constructin Laboratory (1)  
Three laboratory hours per week.  
Prerequisites: None. May be bypassed (no credit) with an acceptable score on the comprehensive examination. Corequisite: HOME 2003  
Practical application of construction principles; the interrelationship of fabric selection, pattern selection and alteration, and garment fit.
- HOME 3380, 3381 Display of Textiles and Furnishing (2,0)  
One lecture hour and three laboratory hours per week.  
Prerequisites: HOME 1180, 1181 or consent of instructor.  
The application of design principles to three dimensional displays. Problems in planning, execution, and evaluation of displays for commercial purposes.

- HOME 3385 Historic European Interiors (3)  
Prerequisites: HOME 2180, 2181 or consent of instructor.  
An historical survey of the major styles in interior architecture and furnishings from Ancient Greece to the middle of the Nineteenth Century. Emphasis is given to the styles in Italy, France, and England during and after the Renaissance. Dominant influences and characteristics are presented.
- HOME 4881 Housing Internship Seminars (1)  
Prerequisites: Senior Housing major and instructor's approval.  
Preparation for housing internship. Development of professional practices.
- HOME 4884 Merchandising Internship Seminar (1)  
Prerequisites: HOME 1135, 3237; BUED 3200; ECON 2113; Senior Standing and permission of instructor.  
Preparation for fashion merchandising internship. Development of professional business practices in fashion merchandising and promotion.
- HOME 5205 Materials and Techniques of Teaching Special Needs Students in Vocational Education (3)  
Prerequisites: SPED 2000 or equivalent.  
Emphasizes modification and development of materials, curricular and programs, curricular and programs for special needs students in Vocational Education.
- HOME 5005, 5006, 5007 Special Topics in Home Economics (1,2,3)  
Prerequisite: Permission of instructor.  
Special topics in selected areas of Home Economics. Variable titles and contents permitted. May be repeated for credit with different titles.
- HOME 4326, 4327 Food Service Management (3,0) [revised for Spring, 1984, only]  
One lecture hour and four laboratory hours per week.  
Prerequisites: ACCT 2401; PSYC 3241; HOME 3205, 3206. Covers principles of management, procurement, and cost control in food service.
- HOME 4328, 4329 Quantity Food and Laboratory (4,0)  
Two lecture and five laboratory hours per week.  
Prerequisite: HOME 3250  
Management in quantity food production by standard methods of food preparation, merchandising, food cost control, equipment care and sanitation, and food service personnel management.

- HOME 4990, 4991 Field Experience in Food and Nutrition (3)  
Field experience to be arranged to include 135 hours per semester for each 3 hours credit.  
Prerequisites: Two Food, Nutrition and Institution Management courses in student's area of emphasis; and permission of instructor.  
Supervised work experience designed to strengthen competency in selected areas of Food, Nutrition and Institution Management by providing a setting in which student can utilize didactic knowledge by practice.
- HOME 4340 Food Service Equipment (2) (formerly 5340)  
Prerequisites: Home Economics major or consent of instructor  
Investigation of specific considerations which must be taken into account when planning, selecting, and placing equipment in a food service facility.
- HOME 4994, 4995 Preschool Internship (3,0) (formerly 5990, 5991)  
One conference and eight laboratory hours per week.  
Prerequisite: HLME 4306, 4308 or consent of instructor.  
Supervised internship in the preschool directed toward understanding of children and preschool program.
- HOME 5309 Infancy: Intervention (3)  
Two lecture and two laboratory hours per week.  
Prerequisites: HOME 2200, or consent of instructor.  
Infant-toddler screening techniques for handicaps; sequential selection and effective use of play materials; community resources available in working with parents.
- HOME 5409 Administration of Child Development Centers (3)  
Prerequisites: HOME 2201, 2202, 4994, 4995 or consent of instructor.  
Designed to acquaint administrators or potential administrators of day care and child development center with the various aspects of this profession. Readings, discussion, films, specialists, and trips to centers to study and evaluate programs and facilities will be utilized.
- HOME 1135 Fashion Fundamentals (3) (formerly 2135)  
Principles of apparel design, fashion terminology, organization of the apparel industry, and study of American and foreign designers.
- HOME 2181 Interiors Laboratory (2)  
Four laboratory hours per week.  
Prerequisites: HOME 2180  
Application of principles involved in selecting a home and its furnishings.
- HOME 3235 History of Costume (3)  
Prerequisite: HIST 1040  
Chronological survey of the development and characteristics of historic costume from the ancient Egyptian culture to present.

- HOME 3282 Furniture Construction Analysis (3)  
Prerequisites: HOME 1180, 1181, and HOME 2180, 2181  
A study of dominant influences of human and design factors in furniture design, including sociological, economic, and technological influences. Human proportions, materials, structure and construction methods as determining elements in furniture design.
- HOME 3380, 3381 *su 619* Display of Textiles and Furnishings (2,0)  
The application of design principles to three dimensional displays. Problems in planning, execution, and evaluation of displays for commercial purposes.
- HOME 3284 Contemporary Housing (2)  
Prerequisites: HOME 2184 or consent of instructor  
Housing for specific groups such as low income, handicapped and elderly. Emphasis on physical aspects of the near environment which contributes to safety, comfort, and convenience.
- HOME 3285 Contemporary Housing Laboratory (1)  
Three hours per week.  
Prerequisites: HOME 1180, 1181, HOME 2180, 2181, corequisite with HOME 3284  
Design of housing for special needs groups. Develop skills in graphic presentation.
- HOME 4280, 4281 Problems in Interiors (3,0)  
One lecture hour and four laboratory hours per week.  
Prerequisites: HOME 2180, 2181  
Application of advanced design skills to work in a realistic designer-client relationship. Business procedures in working with clients and market sources.
- HOME 4320 Apparel Design I (3)  
One lecture hour and four laboratory hours per week.  
Prerequisites: HOME 1135, 1180, 1181, 2003, 2004 or consent of instructor.  
Application of design principles to the creation of apparel and accessories using flat pattern techniques. Advanced procedures in pattern alteration and garment fit.
- HOME 4330 Textiles in Home Furnishings (3)  
Prerequisites: HOME 2034 or consent of instructor.  
Selection and performance of home furnishing textiles such as upholstery, window treatments, floor and wall coverings, and bedding.
- HOME 4337 History of Textiles (3)  
Prerequisites: HOME 2134; HIST 1040  
Chronological study of the development and characteristics of textiles and decorative accessories.

- HOME 4880           Housing and Management Internship (3)  
 Nine laboratory hours per week.  
 Prerequisites: Senior Housing and Management major and instructor's approval.  
 Directed work experience involving application of housing and management skills and knowledge.
- HOME 4883           Merchandising Internship (3)  
 Nine laboratory hours per week.  
 Prerequisites: HOME 1135, 3237; BUED 3200; ECON 2113, Senior Standing and consent of instructor.  
 A supervised work experience designed to strengthen the student's competency in fashion merchandising by providing a setting in which the student can integrate theory and practice.
- HOME 5324           Apparel Design II (3)  
 One lecture hour and four laboratory hours per week.  
 Prerequisites: HOME 1135, 1180, 1181, 2003, 2004 or consent of instructor.  
 Application of design principles to the creation of apparel and accessories using draping techniques.
- HOME 5333, 5334     Textile Analysis (3,0)  
 Two lecture hours and three laboratory hours per week.  
 Prerequisites: HOME 2034, 2035  
 Advanced study of textile fibers and fabrics through physical testing procedures. Analysis and evaluation of data in relation to end-use criteria and performance standards.
- HOME 5339           Problems in Clothing (3)  
 Designed to provide depth in selected areas of clothing and housing. Variable content and titles permitted. May be repeated for credit with different titles.
- HOME 5388           Housing Problems and Practices (3)  
 Prerequisites: HOME 2184 or consent of instructor  
 A study of social, economic and political problems in housing Americans and an analysis of housing policies and programs as solutions.

A. Home Economics Education Major: Teacher Certification Option  
 Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirement plus special requirements for certification (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) including cognate courses marked\* . . . . . 44 s.h.
2. Required HOME courses: (Clothing and Housing) 2003, 2004, 2034, 2135, 2180, 2181; (Food, Nutrition and Institution Management) 1005, 1006, 2105, 3250 (Child Development and Family Relations) 1103, 2200 or 2201 and 2202, 3002; (Home Economics Education) 2126, 2290, 4390, 4391; (Home Economics) 3000 . . . . . 40 s.h.
3. Required cognate courses: ART 1001\*; CHEM 1120\*, 2620, 2621\* or BIOL 1050\*, 1051\*, 1060\*, 1061\*; ECON 2113\* or SOCI 2110\*; MATH 1065\*; History\*; PSYC 1050\*; Literature\*; SPCH 2001\* or 3004\* . . . . . 27 or 28 s.h.
4. Professional credits: ELEM 3990; PSYC 2240, 4305; SEED 3271, 3325; SPED 2000; HOME 2123, 4310, 4317, 4323, 4324 . . . . . 31 s.h.

5. Plus electives to complete requirements for graduation.

B. Home Economics Education Major: Community Services Option  
Minimum degree requirement is 126 s.h. of credit as follows:

- 1, 3, 4, and 5 remain the same.
- 2. Required HOME courses: (Clothing and Housing) 1135, 2003, 2004, 2034, 2180, 2181; (Food, Nutrition and Institution Management) 1005, 1006, 2105, 3250; (Child Development and Family relations) 1103, 2200 or 2201 and 2202, 3002; (Home Economics Education) 2126, 2290, 4390, 4391; (Home Economics) 3000  
..... 40 s.h.

C. Home Economics Education Major: Consumer and Management Option  
Minimum degree requirement is 126 s.h. of credit as follows:

- 1, 3, 4, and 5 remain the same.
- 2. Required HOME courses: (Clothing and Housing) 1180, 1181, 2034, 2180, 2181; (Child Development and Family Relations) 3002; (Food, Nutrition and Institution Management) 2105; (Home Economics Education) 2126, 2290, 4390, 4391, 4880, 5321, 5329, 5392; (Home Economics) 3000; plus 6 s.h. of approved electives above 2999 ..... 42 s.h.

D. remains the same

E. Food, Nutrition and Institution Management Major: Dietetics (General)  
Option

Minimum degree requirement is 126 s.h. of credit as follows:

- 1 and 4 remain the same.
- 2. Required HOME courses: (Food, Nutrition and Institution Management) 1005, 1006, 2105, 2350, 3225, 3250, 3393, 4312, 4313, 4328, 4329, 4340, 4990, 5303, 5304, (Clothing and Housing) 1180 or ART 1001\*; (Child Development and Family Relations) 3002; (Home Economics Education) 2290, 5321 or 5335; (Home Economics )3000 ..... 45-47 s.h.
- 3. All courses remain the same; total s.h. hours = 45 s.h.

F. Food, Nutrition and Institution Management Major:  
Coordinated Undergraduate Program Option

A minimum grade point average of 2.5 is required before a student can enter the Coordinated Program as a junior.

Minimum degree requirement is 131 s.h. of credit as follows:

- 1 and 3 remain the same.
- 2. Required HOME courses: (Child Development and Family Relations) 3002; (Clothing and Housing) 1180 or ART 1001\*; (Home Economics Education) 2290; (Food, Nutrition and Institution Management) 1005, 1006, 2105, 3225, 3393, 3250, 3330, 3331, 3393, 4312, 4313, 4314, 4328, 4329, 4334, 4335, 4344, 4345, 4357, 5303, 5304, 5335, 5355, 5356; (Home Economics) 3000 64-65 s.h.

G. Food, Nutrition and Institution Management Major:  
Food Service Administration Option

Minimum degree requirement is 126 s.h. of credit as follows:

- 1, 3, 4 and 5 remain the same.
2. Required HOME courses: (Clothing and Housing) 1180 or ART 1001\*; (Food, Nutrition and Institution Management) 1005, 1006, 2105, 2350, 3250, 3393, 4328, 4329, 4340, 4990, 5303, 5304, 5335 or 5321, 5348, 5349; (Home Economics Education) 2290; (Child Development and Family Relations) 3002; (Home Economics) 3000 . . . . . 42-44 s.h.

H. Food and Nutrition Minor

Required HOME courses: (Food, Nutrition and Institution Management) 1005, 1006, 2105, 3225, 4312, 4313, plus 11 s.h. of electives at the junior level or above from Food and Nutrition courses . . . . . 24 s.h.  
Other information remains the same.

I. Food Service Management Minor

Required HOME courses: (Food, Nutrition and Institution Management) 1005, 1006, 2105, 2350, 3250, 3993, 4328, 4329, 5348, 5349 plus 3 s.h. of electives at the junior level or above from food service management courses . . 24 s.h.  
Required cognate courses: ACCT 2401; PSYC 3241.

J. Housing Major

Minimum degree requirement is 126 s.h. of credit as follows:

- 1, 3, 4, and 5 remain the same.
2. Required HOME courses: (Clothing and Housing) 1180, 1181, 2034, 2180, 2181, 2184, 3284, 3385, 4880, 4881, plus 12 s.h. of approved Clothing and Housing courses (Child Development and Family Relations) 3002; (Food, Nutrition and Institution Management) 2105; (Home Economics Education) 2126 or 2290 (Home Economics) 3000 . . . . . 44 s.h.

K. Housing Minor (B.A./B.S. Degree)

remains the same.

L. Child Development and Family Relations Major

Minimum degree requirement is 126 s.h. of credit as follows:

- 1, 2, and 5 remain the same.
3. Required cognate courses: PSYC 1050\*, 2101\*, 2102\*, 5325\*; MUSC 3018\*; MATH 1065\* . . . . . 14 s.h.
4. Minor or 24 s.h. of approved concentrations or 12 s.h. each from two advisor approved supporting areas.

M. remains the same.

N. Clothing and Textiles Major: Merchandising Option

1, 3, 4, and 5 remain the same.

2. Required HOME courses: (Clothing and Housing) 1135, 2003, 2004, 1180, 1181, 2034, 2035, 2239, 3235 or 4337, 3237, 3380, 3381, 4330, 4331, 4883, 4884, plus 3 s.h. of electives from Clothing and Housing courses above 2999; (Child Development and Family Relations) 3002; (Food, Nutrition and Institution Management) 2105; (Home Economics Education) 2126 or 2290; (Home Economics) 3000 . . . . . 45 s.h.

O. Clothing and Textiles Major: Clothing and Textiles Option

Minimum degree requirement is 126 s.h. of credit as follows:

1, 3, 4, and 5 remain the same.

2. Required HOME courses: (Clothing and Housing) 1135, 1180, 1181, 2003, 2004, 2034, 2035, 2239, 3235 or 4337, 4320, 4330, 4331, 5333, 5334, plus 3 s.h. of electives from Clothing and Housing courses above 2999; (Child Development and Family Relations) 3002; (Food, Nutrition and Institution Management) 2105; (Home Economics Education) 2126 or 2290, 5321; (Home Economics) 3000 . . . . . 43 s.h.

P. Clothing and Textile Minor

Required HOME courses: (Clothing and Housing) 1135, 2003, 2004, 2034, 2239, 3235 or 4337, plus 7 s.h. of electives from Clothing and Housing courses above 2999 . . . . . 24 s.h.

DEPARTMENT OF PSYCHOLOGY

A. Psychology Major

Minimum degree requirement is 126 s.h. of credit as follows:

1. General education requirements (see Section 6, The General College: REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS) . . . . . 44 s.h.
2. Foreign language through level 1004 . . . . . 12 s.h.
3. Required PSYC courses: 1050 and 1051, 2101, 2102, 3210, 3211, 3225, 4300, 4310, 5325 plus at least 12 s.h., including a minimum of 6 s.h. at the 5000 level . . . . . 34 s.h.
4. Minor . . . . . 24-30 s.h.
5. General electives . . . . . 6-12 s.h.

B. Psychology Minor

Required PSYC courses: 1050 and 1051 hours, <sup>+20 hrs</sup> of electives, at least 6 hours of which must be from the following courses: PSYC 3225, 3206, 3221, 4300, 4310, 5375 . . . . . 24 s.h.

Recommendation for the following change in the catalogue descriptions for PSYC 3201, 3240, 3275, 4305

Delete the last sentence, "Not recommended for majors."

ARTS AND SCIENCES ABROAD PROGRAM

ASAB 2300, 2301 A&S Abroad: Science (3,6) 2300 (summer) 2301 (spring and/or fall)

A maximum of 4 weeks abroad (2300): 3 s.h.

A minimum of 13 weeks abroad (2301): 6 s.h.

Forty-two classroom hours required per week for 2300

Eighty-four classroom hours required for 2301

On-site scientific field studies abroad. Specific topics in biology, chemistry, geology, physics, and/or science education. (This course can be used toward satisfaction of the natural science requirement for general education.)

Catalogue placement: page 85

ASAB 2100, 2101. A&S Abroad: Humanities (3,6)

2100 Summer; 2102: Spring and/or Fall

A minimum of 4 weeks abroad (2100): 3 s.h.

A minimum of 13 weeks abroad (2101): 6 s.h.

Number of classroom hours: 2100: 42 (including field trips)

2101: 84 (including field trips)

An on-site exploration of a particular culture and its literary and/or philosophical contributions. (This course can be used toward satisfaction of the humanities requirement for general education.)

Catalogue placement: page 85

ASAB 2200, 2201. A&S Abroad: Arts (3,6)  
 Semester to be offered: 2200: Summer; 2201: Spring and/or  
 Fall  
 A minimum of 4 weeks abroad (2200): 3 s.h.  
 A minimum of 13 weeks abroad (2201): 6 s.h.  
 Number of classroom hours required:  
 2200: 42 (including field trips)  
 2201: 84 (including field trips)  
 An on-site exploration of the fine arts produced by a  
 particular foreign culture. (This course can be used toward  
 satisfaction of the fine arts requirement for general  
 education.)  
 Catalogue placement: page 85

ASAB 2400, 2401. A&S Abroad: Social Sciences  
 Semester to be offered: 2400: Summer; 2401: Spring and/or  
 Fall  
 A minimum of 4 weeks abroad (2400): 3 s.h.  
 A minimum of 13 weeks abroad (2400): 6 s.h.  
 Number of classroom hours required:  
 2400: 42  
 2401: 84  
 An on-site exploration of the history, geography, political  
 science, psychology, sociology, anthropology, and/or economics  
 of a particular region abroad. (This course can be used  
 toward satisfaction of the social science requirement for  
 general education.)  
 Catalogue placement: page 85

#### EUROPEAN STUDIES MINOR

ANTH 2000	Archeology Around the World (3)
ART 1900	Art History Survey (3)
1901	Art History Survey (3)
2900	History of Prints and Drawings (3)
2901	Ancient Art History (3)
2920	Art of the Middle Ages (3)
2930	Italian Baroque Art History (3)
2940	Eighteenth Century Art (3)
2950	Culture and Art of Europe (6)
3930	Italian Renaissance Art, 1300-1500 (3)
3940	Italian Renaissance Art, 1500-1600 (3)
4900	Northern Renaissance Art History (3)
4910	Northern Baroque Art (3)
*4920	Nineteenth Century Painting (3)
*4930	Nineteenth Century Sculpture and Architecture (3)
5950	Culture and Art of Europe (6)
ECON 4363	Comparative Economic Systems (3)
GEOG 3047	Western Europe (3)
3048	Eastern Europe (2)

#### Delete

HIST *1040	World History to 1500 (3)
*1041	History of Europe Since 1500 (3)
*1552	Honors, World History to 1500 (3)
*1553	Honors, History of Europe Since 1500 (3)

\*2400 Great European Personalities (3)  
 \*2410 The Individual and Society in Modern Europe (3)  
 \*3405 History of Ancient Greece to 146 B.C. (3)  
 \*3410 History of Ancient Rome (3)  
 \*3415 The Middle Ages (3)  
 3420 Early Modern Europe (3)  
 3425 The Emergence of Modern Europe (3)  
 3430 History of Europe, 1815-1914 (3)  
 3435 History of Europe Since 1914 (3)  
 4420 History of Russia (3)  
 4430 History of Modern Germany (3)  
 4440 History of Modern France (3)  
 4480 English History to 1603 (3)  
 4481 English History Since 1603 (3)  
 4487 Constitutional History of England (3)  
 4490 A Diplomatic History of Europe: 1815 to the Present (3)  
 5310 Intellectual History of Europe (3)  
 5350 The Renaissance (3)  
 5360 The Reformation (3)  
 5440 Twentieth Century England (3)  
 5450 Tudor-Stuart England (3)  
 5470 History of Soviet Russia Since 1917 (3)

Literature\*

ENGL \*2100 Major British Writers (3)  
 \*3450 Northern European Mythology (3)  
 \*3460 Classical Mythology (3)  
 \*3600 Classics from Homer to Dante (3)  
 3610 Human Values in Literature (3)  
 \*4010 Medieval Literature (3)  
 \*4020 Chaucer (3)  
 \*4050 Prose and Poetry of the English Renaissance (3)  
 \*4070 Shakespeare: The Histories (3)  
 \*4080 Shakespeare: The Comedies (3)  
 \*4090 Shakespeare: The Tragedies (3)  
 \*4100 Seventeenth Century Literature (3)  
 \*4120 Eighteenth Century Literature (3)  
 \*4150 The Romantic Period (3)  
 \*4170 Victorian Literature (3)  
 \*5110 Milton (3)  
 \*5190 The Aesthetic Movement (3)  
 FREN 2220 French Literature in Translation (3)  
 GERM 2220 Modern German Drama in Translation (3)  
 ITAL 2220 Italian Literature in Translation (3)  
 LATN 2220 Latin Literature in Translation (3)  
 RUSS 2220 Russian Prose of the 19th Century in Translation (3)  
 2221 Russian Prose of the 20th Century in Translation (3)  
 SPAN 2220 Spanish Literature in Translation (3)  
 MUSC \*1406 Music History and Literature (2)  
 2406 Music History and Literature (2)  
 2416 Music History and Literature (2)  
 5406 Music of the Baroque Era (2)  
 5416 Music of the Rococo and Classical Periods (2)  
 5426 Music of the Romantic Era (2)  
 5436 Twentieth Century Music (2)

\*Course added

PHIL	1171	Man and the State (3)
	*3310	Ancient Philosophy (3)
	3320	Medieval and Renaissance Philosophy (3)
	*3330	Modern Philosophy (3)
	3340	Twentieth Century Analytic Philosophy (3)
	*3453	Existentialism/Phenomenology (3)
POLS	3234	West European Political System (3)
	3235	East European Political System (3)
	*4371	Western Political Thought I: Moses to Montesquieu (3)
	4373	Western Political Thought II (3)
	4380	International Politics (3)
SOCI	4350	Social Change (3)
	*5385	History of Sociology (3)

\*Course added.