## EAST CAROLINA UNIVERSITY CURRICULUM COMMITTEE MINUTES OF MARCH 29, 1990

Members Present: Cain, Carlton, Coulter, Grossnickle, Harrington, Lapas, Neal, Shea, Topper, Wease, and student member, Joy Larrimore.<br>Members Absent: Bass, Lunney, and Wilentz (on leave of absence)

OLD BUSINESS
Professor Moskop, International Studies, requested approval for ITAL 1040: Conversational Italian Practiced in Italy. Coulter moved to accept; Wease seconded. The motion passed.

Professor Schwarz, Foreign Language, requested reinstatement of the word Level in the titles of Foreign Language courses through Level IV. Grossnickle moved to accept; Harrington seconded. The motion passed.

Professors Thompson, Political Science and Bort, Sociology and Anthropology, requested a statement change in the wording of the course description of INTL 1000, approving it for Social Science General Education requirements. Additionally, they requested retroactive approval to January 1990. Cain moved to accept; Shea seconded. The motion passed as amended.

## NEW BUSINESS

Professor McLendon, Education, requested approval for EDUC 3700 (Technologies in Education). Neal moved to accept; Larrimore seconded. The motion passed as amended.

The University Curriculum Committee requests the General College Committee to establish policy on the use of prefixes other than those listed on page 54, 1988-90 catalogue.

Professor Templeton, Physical Therapy, requested revision of BS Physical Therapy. Delete PTHE 3111, 3212,4103 , 4113, 4214. Revise credit and/or title and/or prerequisites for $3120,3121,3122,3150,3201,3202,4540,4991,3301,3302,3991$. Add 3123
(Electro-testing and Therapeutics Lab), 3310 (Documentation and Ed), 4401 (Adv Therapeutic Exercise), 4402 (Advanced Therapeutic Exercise Lab), 4501 (Pediatrics), 4502 (Pediatric Lab). Carlton moved to accept; Wease seconded. The motion passed as amended.

Professor Richards, Special Education, requested revision of BS Special Ed. Add SPEC 2103 (Intro to Learning Disabilities), 2104 (Intro to Behav Disorders), 3000 (Instructional Programming in SPED), 3210 (Instructional Programming in MR), 3211 (Pract in MR), 3310 (Instruct Programming in LD), 3311 (Practicum in LD), 3410 (Instruct Programming in Behav Disorders), 3411 (Pract in Behav Disorders), 4352 (Seminar in MR), 4353 (Seminar in LD), 4354 (Seminar in Behaviorally Emotionally Handicapped); Delete 3201. Wease moved to approve academic concentrations listed in the Special Education proposal, excluding Physics and Chemistry, pending further clarification. Shea seconded; the motion passed. Grossnickle moved to approve the proposal for revision of the B.S. Special Education (excluding academic concentrations); Larrimore seconded. The motion passed as amended.

Professors Erber and Swope, BVTE, presented a request to revise BSBE and BS Industrial and Technical Education; BVTE 4400 (Administration, Supervision, and Coordination in Business Ed and Marketing Ed). She moved to approve; Wease seconded. The motion passed as amended.

Professors Buttery and Spence, Education, (opposed by Bernhardt and Joyner, Mathematics) presented a request to revise BS Middle Grades Ed; add MIDG 2123 (Early Experiences for the Prospective Teacher). Wease moved to approve; Harrington seconded. The motion failed to pass.

Professor Mercer, Philosophy, requested a revision for Religious Studies minor. Shea moved approve; Harrington seconded. The motion passed.

The meeting adjourned at 6:30 p.m.
Respectfully submitted,
Jannis B. Shea, Secretary

# CURRICULUM COMMITTEE CATALOGUE COPY MARCH 29, 1990 

## FOREIGN LANGUAGES AND LITERATURES

## Page 92, Add:

ITAL 1040: Conversational Italian Practiced in Italy (3)
Nine lecture hours per week for a summer term. Prerequisite: ITAL 1001 or consent of department chairperson. Conversational Italian taught at the University of Ferrara (or another Italian university) as part of an ECU summer program

## Page 87-99, Revise course Titles:

1001 French, Level I; 1002 French, Level II; 1003 French, Level III; 1004 French, Leve1 IV; 1001 German, Level I; 1002 German, Leve1 II; 1003 German, Level III; 1004 German, Level IV; 1001 Italian, Leve1 I; 1002 Italian, Level II; 1001 Latin, Level I; 1002 Latin, Level II; 1003 Latin, Level III; 1004 Latin, Level IV; 1001 Russian, Level I; 1002 Russian, Leve1 II; 1003 Russian, Leve1 III; 1004 Russian, Leve1 IV; 1001 Spanish, Level I; 1002 Spanish, Level II; 1003 Spanish, Level III; 1004 Spanish, Level IV; 1001 Japanese, Level I; 1002 Japanese, Leve1 II

## INTERNATIONAL STUDIES

Page 62, Revise:
INTL 1000: Introduction to International Studies
This course surveys major social, economic, geographical, political and cultural issues affecting men and women from a global perspective. The course serves as an introduction to the various areas of concentration within the international studies minor. This course can be used toward satisfaction of the social science requirement for general education.

## EDUCATION

## Page 196, Add:

EDUC 3700: Technologies in Education (3)
Introduction to technologies in education including videos, computers, networks and educational television and selection, evaluation and application of educational courseware.

## PHYSICAL THERAPY

Page 167, Delete:
PTHE 3111: Problems of Professional Practice I
PTHE 3212: Problems of Professional Practice II
PTHE 4103: PT Theory and Practice III
Page 168, Delete:
PTHE 4113: Problems III
Page 282, Delete:
PTHE 4214: Problems of Professional Practice IV (formerly banked)

## Page 167, Revise:

PTHE 3120, 3121: Physical Agents $(2,1)$
Two lecture and two laboratory hours per week. Corequisite: HPRO 4330 A study of the theory, physiological considerations, indications and contraindications for the use of massage, physical modalities and wound care. The relationship between modalities and specific disease processes will be discussed.

PTHE 3122: Electrotesting and Therapeutics (1)
Prerequisites: PTHE 3120, 3121 Corequisite: PTHE 3123
A study of the theory, physiological considerations, indications, and contraindications for the use of low voltage electromedical currents in treatment and diagnosis. The relationship between modalities and specific disease processes will be discussed.

PTHE 3150: Fundamentals of Patient Care (1)
A general orientation to the organizational characteristics of physical therapy, including history, development, professional responsibilities, employment opportunities. A series of lecture and laboratory presentations of the general principles and methods of patient management.

PTHE 3201: Soft Tissue Evaluation and Treatment (2)
Prerequisites: HPRO 4310, 4311, 4330 Corequisite: ATHE 3202
A study of the evaluation and treatment for disorders of the musculo-skeletal system, including subjective and objective elements of the examination such as selective tissue tension testing, muscle testing and goniometry. Emphasis will be placed upon the utilization of evaluation findings as a basis for identifying the patient's disability, differential diagnosis, and correlation to treatment procedures which will include joint mobilization.

PTHE 3202: Soft Tissue Evaluation and Treatment Laboratory (2)
Four laboratory hours per week. Corequisite: PTHE 3201
A practice in musculo-skeletal evaluation and treatment utilizing rationale and principles presented in PTHE 3201.

PTHE 3230: Functional Anatomy (3)
Prerequisites: HPRO 4310, 4311, 4330
Lecture and laboratory course designed to provide a knowledge of the basic principles of human movement and body mechanics along with an analysis of muscle and joint action. Abnormal functions due to physical disability and disturbance in motor patterns will be analyzed.

PTHE 3301: Basic Therapeutic Exercise (2)
Prerequisites: PTHE 3201, 3202
A continuation of 3201 presenting the physiological basis, rationale for and techniques in evaluating cardiovascular, sensory, and respiratory systems; therapeuj exercise under normal and pathological conditions.

PTHE 3302: Basic Therapeutic Exercise Laboratory (1)
Two laboratory hours per week. Corequisite: PTHE 3301
Designed to develop skills in evaluation techniques and basic therapeutic exercise.
PTHE 3991: Clinical Education II (3)
The student will spend full time, 40 hours per week for 6 weeks, working in a clinical affiliation center. Prerequisite: PTHE 3990
A program of supervised clinical training and experience is arranged for the student in a large medical training facility. Emphasis will be toward special program functions of the physical therapist in a multifaceted institution.

PTHE 4540: Research Seminar (2)
Twelve laboratory hours per week for five weeks. Prerequisite: HPRO 4334
Guidance in the development of an investigative study.
PTHE 4991: Clinical Education IV (5)
The student will spend 40 hours per week for 10 weeks working in a clinical affiliation center. Prerequisite: PTHE 4990
A program of supervised clinical training and experience is arranged for each physical therapy student to include all types of patients and treatments. Affiliations are arranged with cooperating facilities to provide experience in long-term rehabilitation, pediatrics, large general hospital clinics, private practice, and other settings.

Page 167, Add:
PTHE 3123: Electrotesting and Therapeutic Laboratory (1)
Two lab hours per week Corequisite: PTHE 3122
A laboratory practice in the location and stimulation of nerve and muscle points utilized in the electrotherapeutic and testing procedures; electrode placement for efficient excitatory and non-excitatory physiological response to electrotherapeutics; to develop expertise in the manipulation of a broad array of electrotherapeutic and test instrumentation. The relationship between modalities and specific disease processes will be examined through practice of applications appropriate to specific clinical problems.

PTHE 3310: Documentation and Education (1)
Prerequisites: PTHE 3120, 3121, 3150, 3201, 3202
A problem-oriented study of various role issues relating to specific physical therapy responsibilities such as a recorder of medical-legal patient care documentation and as an educator of clientele, health professionals, and the public.

## Page 168, Add:

PTHE 4401: Advanced Therapeutic Exercise (2)
Prerequisites: PTHE 3301, 3302, HPRO 4320, 4321 Corequisite: PTHE 4402
An introduction to basic concepts and theories of multi-sensory integrative patient care management and advance therapeutic exercise programming relevant to the assessment and treatment of patient population with central nervous system lesion.

PTHE 4402: Advanced Therapeutic Exercise Laboratory (1)
Two laboratory hours per week. Corequisite: PTHE 4401
A concentration of laboratory and structures clinical experiences in developing neuromuscular and sensorimotor assessment and therapeutic exercise treatment skills relevant to the management of CNS lesions.

PTHE 4501: Pediatrics (2)
Prerequisites: PTHE 3301, 3302, HPRO 4320, 4321 Corequisite: PTHE 4502 Introduction to normal and abnormal neuromotor development, developmental disabilities, orthopedic and neurological disorders. Neurophysiological basis for treatment, standardized tests and measures of infant/child development and prescription of adaptive equipment is described.

PTHE 4502: Pediatrics Laboratory (1)
Two laboratory hours per week Corequisite: PTHE 4501
Designed to develop evaluation skills, use of standardized tests and measures of motor development, and entry-level therapeutic handling techniques for treatment of postural control, endurance, strength, and sensory organization.

Page 157, Change:
Requirements for BS Degree in Physical Therapy

1. General education requirements.......including...MATH 1065; THEA 2005 or SPCH 2080; SOCI 2110............................................. . . 45 s.h.
2. Required cognate courses: CHEM 1150, 1151, 1160, 1161; PHYS 1250, 1251, 3650, 3651; MATH 3228 or PSYC 2101............................ 18 s.h.
3. Physical therapy courses: PTHE $3120,3121,3122,3123,3150,3201,3202,3230$, $3301,3302,3310,3990,3991,4104,4123,4401,4402,4501,4502,4540,4990$, 4991, 5105.................................................. 41 s.h.

## SPECIAL EDUCATION

## Page 197, Add:

SPED 2103: Introduction to Learning Disabilities (3)
(3) classroon lecture hours (1) lab/studio hour Prerequisite: SPED 2000

A comprehensive survey of learning disabilities with an emphasis on characteristics, theoretical explanations and models, assessments, and placement alternatives.

SPED 2104: Introduction to Behavior Disorders (3)
Prerequisite: SPED 2000
A comprehensive survey of behavior disorders with an emphasis on characteristics, theoretical explanations and models, assessments, and placement alternatives.

Page 198, Add:
SPED 3000: Instructional Programming in Special Education (3)
Development of knowledge and skills fundamental to effective teaching of handicapped learners. Areas emphasized include: assessment, instructional planning, classroom management, and program evaluation.

SPED 3210: Instructional Programming in Mental Retardation (3)
Prerequisites: SPED 2102, 3000 Corequisite: SPED 3211
Development of appropriate diagnostic and remedial interventions for teaching the mildly and moderately mentally retarded. Practical application of a variety of methods and settings used in the instruction of the mentally retarded child.

SPED 3211: Practicum in Mental Retardation (1)
1 lab/studio hour required Corequisite: SPED 3210
A minimum of 30 clock hours of directed observation and planned participation in an appropriate school environment with mentally handicapped children.

SPED 3310: Instructional Programming in Learning Disabilities (3)
Prerequisites: SPED 2103, 3000 Corequisite: SPED 3311
Development of appropriate diagnostic and remedial interventions for the teaching of learning disabled students.

SPED 3311: Practicum in Learning Disabilities (1)
Corequisite: SPED 3310
A minimum of 30 clock hours of directed observation and planned participation in an appropriate school environment with learning disabled children.

## Page 197, Add:

SPED 3410: Instructional Programming in Behavior Disorders (3)
Prerequisites: SPED 2104, 3000 Corequisite: SPED 3411
Development of appropriate management interventions based upon individual needs of the child. Practical application of a variety of methods and settings used in the instruction of the behavior disordered child.

SPED 3411: Practicum in Behavior Disorders (1)
2 lab/studio hours required Corequisite: SPED 3410
A minimum of 30 clock hours of directed observation and planned participation in an appropriate school environment with behavior disordered children.

SPED 4352: Seminar in Mental Retardation (2)
Corequisite: SPED 4324
Integration of theory, research, ethics, and legislation as applied to teaching mentally handicapped students. Effective teaching and reflective thinking skills are emphasized.

SPED 4353: Seminar in Learning Disabilities (2) Corequisite: SPED 4324
Integration of theory, research, ethics, and legislation as applied to teaching mentally handicapped students. Effective teaching and reflective thinking skills are emphasized.

SPED 4354: Seminar in Behaviorally Emotionally Handicapped (2)
Corequisite: SPED 4324
Integration of theory, research, ethics, and legislation as applied to teaching mentally handicapped students. Effective teaching and reflective thinking skills are emphasized.

Page 190, Revise:
Curriculum for B.S. Degree in Special Education

1. General education requirements...including 4 hours in biological science and 4 hours in physical science, (any) HIST, (any) Literature, PSYC 1050, 1051; and 6 hours from ANTH, ECON, GEOG, POLS, or SOCI; MATH 2127; ART 3850; MUSC 3048; HLTH 1000; PHYE 1000; THEA 2005, or SPCH 2080, or SPCH 3004... $44 \mathrm{~s} . \mathrm{h}$.
2. Professional Studies: EDUC 3200, 3272; READ 3204; PSYC 3206, 4305; SPED 2000, 2123, 4324............................................................................... 25 s.h.
3. Specialty Studies Options (Select One):
a. Mental Retardation: SPED 2102, 3000, 3210, 3211, 4301, 4352.... 14 s.h. b. Learning Disabilities: SPED 2103, 3000, 3310, 3311, 4301, 4353.. 14 s.h. c. Behaviorally Emotionally Handicapped: SPED 2104, 3000, 3410, 3411, 4301, 4354.............................................................................. 14 s.h.
4. Required Cognate Courses: COAD 5358 or PSYC 5325, ELEM 3203, MATH 3218, PHYE 5303, SCIE 3216, SLAP 2100; (PSYC 3225 \& 5333 if other option than PSYC for Academic Concentration)............................................................... 18-24 s.h.
5. Academic Concentration: No more than six semester hours may be taken as general education requirements......................................................... 24 s.h.
6. Plus electives to complete requirements for graduation

Page 197, Delete:
SPED 3201: Methods and Materials in Mental Retardation (3)

## SPECIAL EDUCATION

Page 191, Add Academic Concentrations (except Physics and Chemistry)
No more than $6 \mathrm{~s} . \mathrm{h}$. may be counted in General Education
Anthropology: ANTH 1000; ANTH 2000 or 2010; ANTH 2020, 3025; ANTH 3050 or $3075 / 3076$; ANTH 4050; and $6 \mathrm{~s} . \mathrm{h}$. ANTH electives above the 2999 level

24 s.h.

Behavioral Studies: PSYC 1050, 1051, 3206, 3225; SOCI 2110; SOCI 3222 or 3225;
SOCI 4345; PHIL 2273; and 3 s.h. PHIL elective above the 2999 level (5283
recommended)
25 s.h.
Biology: BIOL 1050, 1051, 1060, 2130, 2131; BIOL 2230/2231 or $2240 / 2241$; and 7 s.h. above the 2999 level......................................................................................... 24 s.h.

Child Studies: CDFR 2201/2202, 3002, 3203, 4306; PSYC 3240; SOCI 2125, 4325, 4345.
$.24 \mathrm{~s} . \mathrm{h}$.
Economics: ECON 2113, 2133, 3144, 3244; and 12 s.h. ECON electives above the 2999 level. 24 s.h.

English: One Literature course; one Grammar course; ENGL 3000, 3010; ENGL 3410 or 3420; Select one course from: ENGL $3100,3260,3300,3430,3450,3460,3470,3480$ or 3570; Select one course from ENGL 3810, 3820, 3840, 3850, 3860, 3870, 3880 or 3890 ; and $3 \mathrm{~s} . \mathrm{h}$. ENGL elective above the 2999 level.................................................. 24 s.h.

French: FREN $1004,2103,2108,2215,2216,2500,3215$; and 5 s.h. FREN electives above the 2999 level
$24 \mathrm{~s} . \mathrm{h}$.

General Science: 4 s.h. of biological science; 4 s.h. of physical science, SCIE 3602, 3604; and 11 s.h. of electives above the 2999 level selected from SCIE, BIOL, PHYS, GEOL, CHEM (8 s.h.). .24 s.h.

Geology: GEOL 1500, 1501, 1550, 1600, 1601; and 12 s.h. GEOL electives above 2999 level................................................................................................ 24 s.h.

German: GERM $1004,2120,2200,2300,3200,3300$; and 6 s.h. of GERM electives above the 2999 level........................................................................................ 24 s.h.

History: HIST $1030,1031,1050,1051$; and 12 s.h. of HIST electives 9 s.h. above the 2999 level............................................................................................... 24 s.h.

Mathematics: MATH $1065,1075,1085,2119,2127,3166$; MATH 2283 or 3228 ; MATH 3237 ;


Nutrition: BIOL 2130, 2131; CHEM 2650/2651; NUHM 2105, 3226, 3227, 5355; NUHM 5025 or


Philosophy: PHIL $1110,1175,1500,2273,4270,5273$; and 6 s.h. PHIL electives above the 2999 level...................................................................................... 24 s.h.

Political Science: POLS 1010; one course in American Government; one course in Comparative Government and Politics; one course in International Relations; one course in Political Theory and Methodology; and 9 s.h. in POLS electives above the 2999 level 24 s.h.
Psychology: PSYC $1050,1051,2101,2102,3206,3225,4305,5325,5333$, and $3 \mathrm{~s} . \mathrm{h}$. PSYC at the 5000 level............................................................................ 25 s.h.

Social Studies: HIST 1030 or 1031 and 1050 or 1051; SOCI 2110 or ANTH 2010; POLS 1010; GEOG 2100 or 2110; ECON 2113; HIST 3100; and $3 \mathrm{~s} . \mathrm{h}$. above the 2999 level selected from ANTH, ECON, GEOG, HIST, POLS, PSYC, SOCI................................................. 24 s.h.

Sociology: SOCI $2110,2111,3212$ or 3385 ; 3222 or 3225 ; and 12 s.h. SOCI electives above the 2999 level................................................................................ 24 s.h.

Spanish: SPAN $1004,2101,2103,2108,2115,2116,3216$, and $3217 \ldots \ldots . . . . . . .$.

## BUSINESS, VOCATIONAL, AND TECHNICAL EDUCATION <br> Page 215, Revise:

Bachelor of Science in Business Education

1. General education requirements......literature ( $3 \mathrm{~s} . \mathrm{h}$.) ; THEA 2005 or SPCH

2. Area of program specialization:
a. Basic Business Education: ASIP 2212, 2311, 2500, 3220, 3228, 3311, 4200, 4500; BVTE 3200 , 4400, 5390; CSCI 2618; FINA $2244 . . . . . . . . . . . .$.
b. Comprehensive Business Education: ASIP 2212, 2311, 2500, 3220, 3228, $3311,4200,4300 ; 4500$; BVTE 3200 , 4400 , 5390 ; FINA 2244; plus: satisfactory completion of competency test in shorthand or appropriate short writing system.
c. Marketing Education: ASIP $1500,2112,2311,3220,3228$; BVTE 3200, 3301, 3302, 4400, 5390; FINA 2244; MKTG 3832; TECH 4000...................... 38 s.h.
d. Marketing Education and Basic Business Education: ASIP 2212, 2311, 2500, 3220, 3228, 3311, 4200, 4500; BVTE 3200, 3301, 3302, 4400, 5390; CSCI 2618; FINA 2244; TECH 4000............................................................ 47 s.h.
3. Academic concentration (up to $6 \mathrm{~s} . \mathrm{h}$. may be counted in general education requirements)
4. All degree candidates must meet a business/marketing experience requirement that may be satisfied by appropriate documentation or by an internship experience.
5. Plus electives to complete hours for graduation.

## Page 215, Add:

BVTE 4400: Administration, Supervision, and Coordination in Business Education and Marketing Education (3)
Prerequisite: Admission to the teacher education program in business education or marketing education
The organization, administration, and evaluation of cooperative and preparatory vocational education programs, with emphasis on the historical, philosophical, sociological, and psychological bases of business and marketing education programs. Requires varied practicum experiences.

## Page 216, Revise:

B.S. Curriculum for the Preparation of Teachers

Industrial and Technical Education Major (Technology Education Teaching Certificate)

1. General education requirements......including ECON 1000 or 2113 ; a history; a literature; MATH 1065; PSYC 1050; THEA 2005 or SPCH 2080 or 3004 ;
2. Required cognate courses: ASIP 2112, BIOL 1060 ; MATH $1074 \ldots \ldots . .$.
3. Professional requirements; ITED 2123, 4324; PSYC 2240, 4305; READ 3990; EDUC 3200, 3272; SPED 2000; TECH 4323........................................................ 26 s.h.
4. Technological systems requirements.................................................. 39 s.h.

Communications systems technology: DESN 2034/2035, 2036/2037; ELEC 2054/2055
Construction systems technology: CMGT 2660/2661
Manufacturing systems technology: MANF 2066/2067, 2076/2077, 4092/4093; ITEC 2010, 2020
Transportation systems technology: ITEC 2080/2081
Technology concentration: 3 s.h. directed elective
Professional-Technological Studies: ITED 3190, 4325
5. Academic concentration (up to $6 \mathrm{~s} . \mathrm{h}$. may be counted in general education requirements).
.24 s.h.
Page 191, Add Academic Concentrations (except Physics and Chemistry)
No more than $6 \mathrm{~s} . \mathrm{h}$. may be counted in General Education
Anthropology: ANTH 1000; ANTH 2000 or 2010; ANTH 2020, 3025; ANTH 3050 or 3075/3076; ANTH 4050; and $6 \mathrm{~s} . \mathrm{h}$. ANTH electives above the 2999 level.............................. 24 s.h.

Behavioral Studies: PSYC 1050, 1051, 3206, 3225; SOCI 2110; SOCI 3222 or 3225; SOCI 4345; PHIL 2273; and 3 s.h. PHIL elective above the 2999 level (5283 recommended) 25 s.h.

Biology: BIOL 1050, 1051, 1060, 2130, 2131; BIOL 2230/2231 or $2240 / 2241$; and 7 s.h. above the 2999 level.......................................................................................... 24 s.h.

Child Studies: CDFR 2201/2202, 3002, 3203, 4306; PSYC 3240; SOCI 2125, 4325, 4345.

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24 s.h.
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Economics: ECON 2113, 2133, 3144, 3244; and $12 \mathrm{~s} . \mathrm{h}$. ECON electives above the 2999 level............................................................................................................ 24 s.h.

English: One Literature course; one Grammar course; ENGL 3000, 3010; ENGL 3410 or 3420; Select one course from: ENGL $3100,3260,3300,3430,3450,3460,3470,3480$ or 3570; Select one course from ENGL 3810, 3820, $3840,3850,3860,3870,3880$ or 3890 ; and $3 \mathrm{~s} . \mathrm{h}$. ENGL elective above the 2999 level. .24 s.

French: FREN $1004,2103,2108,2215,2216,2500,3215$; and 5 s.h. FREN electives above the 2999 level
.24 s.h.
General Science: $4 \mathrm{~s} . \mathrm{h}$. of biological science; $4 \mathrm{~s} . \mathrm{h}$. of physical science, SCIE 3602 , 3604; and $11 \mathrm{~s} . \mathrm{h}$. of electives above the 2999 level selected from SCIE, BIOL, PHYS, GEOL, CHEM (8 s.h.)
.24 s.h.

Geography: GEOG $1000,1200,1201,2003,2009,3046$, and select one course from GEOG $3047,3049,3050,3051,3055,3056$; and $5 \mathrm{~s} . \mathrm{h}$. GEOG electives above the 2999 leve1 24 s.h.

Geology: GEOL $1500,1501,1550,1600,1601$; and 12 s.h. GEOL electives above 2999 level.
.24 s.h.
German: GERM $1004,2120,2200,2300,3200,3300$; and 6 s.h. of GERM electives above the 2999 level. .24 s.h.

History: HIST 1030, 1031, 1050, 1051; and 12 s.h. of HIST electives 9 s.h. above the 2999 level

24 s.h.
Mathematics: MATH $1065,1075,1085,2119,2127,3166$; MATH 2283 or 3228 ; MATH 3237 ;

Nutrition: BIOL 2130, 2131; CHEM 2650/2651; NUHM 2105, 3226, 3227, 5355; NUHM 5025
5332 or 5360
$.24 \mathrm{~s} . \mathrm{h}$.

Philosophy: PHIL $1110,1175,1500,2273,4270,5273$; and 6 s.h. PHIL electives above the 2999 level. .24 s.h.

Political Science: POLS 1010; one course in American Government; one course in
Comparative Government and Politics; one course in International Relations; one course in Political Theory and Methodology; and $9 \mathrm{~s} . \mathrm{h}$. in POLS electives above the 2999 level. 24 s.h.

Psychology: PSYC $1050,1051,2101,2102,3206,3225,4305,5325,5333$, and 3 s.h. of PSYC at the 5000 level.............................................................................. 25 s.h.

Social Studies: HIST 1030 or 1031 and 1050 or 1051 ; SOCI 2110 or ANTH 2010; POLS 1010; GEOG 2100 or 2110; ECON 2113; HIST 3100 ; and $3 \mathrm{~s} . \mathrm{h}$. above the 2999 level selected from ANTH, ECON, GEOG, HIST, POLS, PSYC, SOCI. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 24 s.h.

Sociology: SOCI $2110,2111,3212$ or 3385 ; 3222 or 3225 ; and 12 s.h. SOCI electives above the 2999 level......................................................................................... 24 s.h.

Spanish: SPAN $1004,2101,2103,2108,2115,2116,3216$, and $3217 \ldots \ldots \ldots \ldots . .$.

## RELIGIOUS STUDIES MINOR

Page 3, 1988-90 Catalogue Supplement, Revise:
Electives (3.b.2)
ANTH 2010, 3003; ENGL 3450, 3460, 3620

