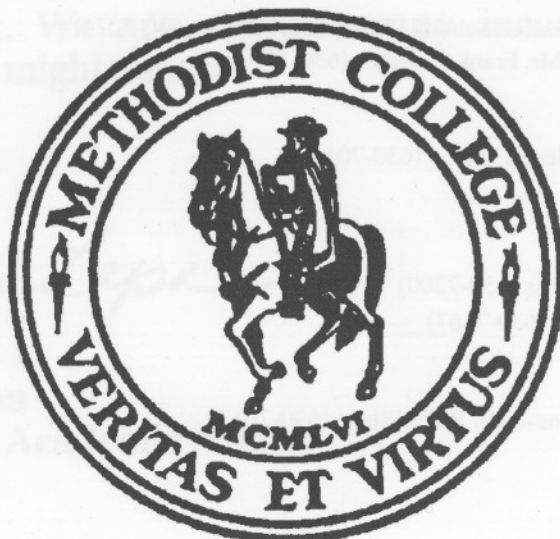


**METHODIST COLLEGE**  
**ACADEMIC CATALOGUE**

**2000-2001**



**ADDENDUM**

**Office of Academic Affairs**  
**Methodist College**  
**Fayetteville, North Carolina 28311-1420**

**Directions for Correspondence and Communication**  
**Methodist College, Fayetteville, North Carolina 28311-1420**

**General College Policy**

President—Dr. M. Elton Hendricks (630-7005)

**Academic Information**

Vice-President for Academic Affairs—Dr. Anthony J. DeLapa (630-7031)

Associate Dean for Academic Affairs—Dr. Robert Perkins (630-7037)

Assistant Dean for Academic Affairs—Dr. Richard Walsh (630-7077)

**Admissions Information**

Vice-President for Enrollment Services—Mr. Rick Lowe (630-7027)

Director of Financial Aid—Ms. Bonnie Adamson (630-7192)

**Athletic Information**

Director of Athletics—Mr. Bob McEvoy (630-7182)

**Evening College Information**

Assistant Dean for Evening College and Summer School—Ms. Linda Gravitt (630-7074)

Director of Evening College Admissions—Mr. Frank J. Orians (630-7190)

**Financial Information**

Vice-President for Business Affairs—Mr. Gene Clayton (630-7011)

Comptroller—Mr. Rick Rode (630-7012)

**Institutional Advancement**

Director of Development—Ms. Cynthia Curtis (630-7200)

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**Records and Transcripts**

Registrar—Mr. Harvey Adams (630-7036)

**Research**

Assistant Dean for Institutional Research and Effectiveness—(630-7157)

**Student Information and Housing**

Vice-President for Student Life—Mrs. Kimberly Dowd (630-7155)

**Veteran Information**

Director of Veteran Services—Mr. Frank J. Orians (630-7190)

Methodist College is related by faith to the North Carolina Annual Conference, Southeastern Jurisdiction, The United Methodist Church.  
It is an independent corporation rather than an agency of the Conference and is responsible for its own debts and obligations.

Methodist College does not discriminate on the basis of age, race, sex, national or ethnic origin, religious denomination, or disabilities for otherwise qualified persons in the administration of its admission, educational policies, scholarships, loan programs, athletics, employment, or any other College-sponsored or advertised programs.

This catalogue is not an irrevocable contract. All regulations, provisions, and information herein are subject to change as conditions dictate.



**METHODIST COLLEGE**

5400 Ramsey Street • Fayetteville, N. C. 28311-1420 • (910) 630-7031 • FAX (910) 630-7410

OFFICE OF THE VICE PRESIDENT OF ACADEMIC AFFAIRS

## Errata

The following pages correct errors in the *Methodist College Academic Catalogue 2000-2001*. Advisors and students should review these pages and follow the corrected material, rather than the original document. We are sorry for any inconvenience that this unfortunate event might cause.

Sincerely,

**Anthony J. DeLapa**  
Vice President for Academic Affairs

## Academic Majors

For the baccalaureate degree, a major is a planned program of study that is a student's primary area of academic specialization. A major may involve courses from one or more academic disciplines.

Students should select their majors at least by the sophomore year and follow the respective departmental curriculum patterns established for each major. The college offers 45 majors:

Major Program	Degrees Offered
Accounting	AA, BA, BS
Art	AA, BA
Art Education	BA
Athletic Training	BA, BS
Biology with a Concentration in General Biology	AS, BA, BS
Biology with a Concentration in Zoology	AS, BA, BS
Biology with a Concentration in Ecology and Natural History of Plants	AS, BA, BS
Biology with a Concentration in Microbiology and Cell Biology	AS, BA, BS
Business Administration	AA, BA, BS
Business Administration with a Concentration in Health Care Administration	AS, BA, BS
Business Administration with a Concentration in Professional Golf Management	BA, BS
Business Administration with a Concentration in Professional Tennis Management	BA, BS
Business Administration with a Concentration in Resort Management	BA, BS
Chemistry	AS, BA, BS
Communications/Mass Media	AA, BA, BS
Computer Information Technology	BS
Computer Science	AS, BA, BS
Criminal Justice Studies	AA, BA, BS
Elementary Education	BA, BS
English	AA, BA
Financial Economics	AA, BA, BS
Financial Economics with a Concentration in Resort Management	BA, BS
French	AA, BA
History	AA, BA, BS
International Studies	BA, BS
Marketing	BA, BS
Marketing with a Concentration in E-Business	BA, BS
Marketing with a Concentration in Professional Golf Management	BA, BS
Marketing with a Concentration in Professional Tennis Management	BA, BS
Marketing with a Concentration in Resort Management	BA, BS
Mathematics	AA, AS, BA, BS
Middle Grades Education	BA, BS
Music	AA, BA
Music Education (K-12)	BM
Music Performance	BM
Music with a Concentration in Fine Arts Management	BA
Physical Education	BA, BS
Physician Assistant	BHS
Political Science	AA, BA, BS

Psychology	BA, BS
Religion	BA
Secondary Education (English, French, Mathematics Science, Social Studies, Spanish)	BA, BS
Social Studies with Licensure	BA, BS
Social Work	BSW
Sociology	AA, BA, BS
Spanish	AA, BA
Specific Learning Disabilities K-12	BA, BS
Speech Communication	AA, BA, BS
Sports Management	BA, BS
Theatre	AA, BA
Writing	AA, BA

### Academic Minors

For the baccalaureate degree, a minor is a secondary area of academic specialization involving courses in one or more academic disciplines. The college offers 34 minors:

Accounting	French	Political Science
Art	Gerontology	Psychology
Biology	German	Religion
Business Administration	History	Social Work
Real Estate	Leadership Studies	Sociology
Chemistry	Mathematics	Spanish
Communications/Mass Media	Military Science	Speech
Computer Science	Music	Theatre
Criminal Justice	Paralegal	Women's Studies
English	Philosophy	Writing
Financial Economics	Physical Education	

Requirements for each minor are listed in the catalogue under the departmental descriptions.

## ATHLETIC TRAINING (DEPARTMENT OF PHYSICAL EDUCATION)

Hugh Harling ATC-L, Director

Students who choose a major in Athletic Training and earn NATABOC certification will have the opportunity to work with the physically active in a variety of settings including: school-based athletic programs, sports medicine clinics, professional teams or other health care provider settings.

**Type of degree(s) awarded:** B.A., B.S.

**Writing-Enrichment Course(s):** ATP 484

**Computer Intensive Course(s):** ATP 484

**Major in Athletic Training:** 70 s.h., including PED 201, 205, 217, 218, 308, 312, 404, 406; ATP 111, 112, 220, 231, 232, 318, 319, 331, 332, 381, 382, 401, 402, 403, 412, 484; BIO 306 and 308; PSY 101; PSY 304. Students are strongly encouraged to take additional course work from the following: PSY 220, 341, CHE 151, 152, PHY 151, 152. Students seeking certification by the National Athletic Trainers Association Board of Certification (NATABOC) must also complete 1,500 clinic hours under the direct supervision of an NATABOC certified Athletic Trainer in order to be qualified to take the certification exam.

**Requirements for a minor:** No minor is available in Athletic Training.

The Methodist College Athletic Training Program promotes the education of future athletic trainers and the development and improvement of the Athletic Training profession. This Program is designed to be a limited enrollment program. Prior to formal acceptance into the Athletic Training Program (ATP), students seeking admission to the ATP will be considered Physical Education (PED) majors. Only after students have been formally admitted to the ATP will they be considered Athletic Training majors. Admission to the ATP is on a competitive and space available basis.

### Athletic Training Program Admissions Criteria and Procedures

Formal application for admission into the Athletic Training Program is made during the spring semester, preferably of the student's freshman year. Students must have completed a minimum of 24 credit hours by the end of the semester which they apply. In addition, all students applying for admission into the Athletic Training Program must be full-time students at Methodist College. The minimum application requirements for Admission into the Methodist College Athletic Training Program include successful completion of or current enrollment in:

1. BIO 153, PED 217, and ATP 111, 112, 220, with a C (not a C-) or better in each course;
2. BIO 153, PED 217, and ATP 111, 112, 220, with a minimum average GPA of 2.5;
3. A minimum overall GPA of 2.5;
4. An Application Form;
5. A one page essay expressing the student's desire for admission into the ATP and the student's personal and professional goals.
6. Two written recommendations from Faculty/Staff members at Methodist College, any other institution or organization, or former employers (Students may not request recommendation(s) from any member of the ATP Admissions Committee.); and
7. An interview with the ATP Admissions Committee.

All application materials must be submitted to the Athletic Training Program Director by April 1st. Students who have completed the application packet by the announced due date and are deemed by the ATP Admissions Committee to be viable candidates for the ATP are invited to participate in an admissions interview.

Applicants are notified in writing by the Program Director as to whether they have been selected for an interview or have been removed from the application process. The interviews take place before the end of the spring semester and each interview lasts approximately thirty minutes. All interviews are conducted by the ATP Admissions Committee. The Admissions Committee is made up of the Athletic Training Program Director and the Clinical Instructors. The Head of the Physical Education Department serves as an ex-officio member of the ATP Admissions Committee.

Once all interviews are completed the Admissions Committee meets to make final decisions regarding each student's admittance, rejection, or alternate status. Students are notified in writing by May 31st of their status in relation to the ATP. As soon as students are notified in writing of their admittance, they have seven days from the postmarked date of the notification letter to contact the Program Director and confirm their acceptance. If a student withdraws his/her application or fails to contact the Program Director within this time period, the student's admittance to the ATP is revoked. Students not initially accepted are notified in writing that they have been placed on alternate status. The students on the alternate list are placed in numerical order in relation to their potential admittance order. If an accepted student chooses not to enter the program, the first alternate is offered the position in the program. This process continues until all possible vacancies in the program have been filled. When students have been notified in writing of their failure to be admitted to the ATP, they may contact the Program Director to discuss the reason(s) for their non-admittance. Students not admitted into the Athletic Training Program may reapply one time.

## Transfer Students

All transfer students must be enrolled at Methodist College for a minimum of one semester prior to applying for admission to the Methodist College Athletic Training Program. If accepted, the students must then spend a minimum of six semesters in the Program and must follow all of the guidelines pertaining to the Program.

Acceptance or non-acceptance of transfer courses to Methodist College in place of BIO 153, BIO 306, BIO 308, PED 201, 205, 218, 308, 312, 404 and 406 and PSY 101 and 304 are at the discretion of the Methodist College Registrar and/or the appropriate Department Head(s). ATP 111, 112, 220, 231, 232, 318, 319, 331, 332, 381, 382, 401, 402, 412 and PED 217 must be taken at Methodist College.

Ordinarily, Athletic Training courses ATP 403, 484, must be taken at Methodist College. Students who wish to transfer credit earned at another institution for either of these courses must have those courses reviewed by the Registrar, with consultation from the Head of the Physical Education Department and the ATP Director, who will determine if credit may be awarded for the course. This credit is satisfactory for graduation but transfer courses may not satisfy the Athletic Training Program requirements. Students receiving academic credit for either ATP 403 or 484 must take and make a satisfactory score on a written competency test developed by the Athletic Training Program Admissions Committee for each course. Each examination must be scheduled through and will be administered and scored by the Athletic Training Program Director. Results of the examination may not be substituted for formal college level instruction. Students who fail to achieve a satisfactory score on a competency examination will be required to take the appropriate course at Methodist College. Re-takes of competency examinations are not permitted.

Following acceptance into the Athletic Training Program, all students must undergo a thorough physical exam, including blood work, and be medically cleared by a physician prior to entering the program in the Fall semester. Students entering the Athletic Training Program are responsible for the additional expenses related to the physical exams and immunizations.

Students accepted into the Athletic Training Program are required to maintain a minimum overall GPA of 2.5 and must complete all ATP courses and BIO 306 with a grade of "C" or better.

## ATHLETIC TRAINING COURSES

### 111 INTRODUCTION TO ATHLETIC TRAINING & SPORTS MEDICINE

1 s.h.

This course is designed to provide students, who wish to apply for admission into the Athletic Training Program, with the necessary information for the admission process, opportunities to observe practices and games, and learn about a variety of health professions within the field of sports medicine. This course is offered every fall and spring.

### 112 CLINICAL METHODS IN ATHLETIC TRAINING

2 s.h.

This course is designed to provide students with the methods and practical experiences to perform basic taping methods, fitting of equipment, crutches, protective padding and performance of essential clinical skills. Prerequisite: None. This course is offered every spring.

### 220 BASIC ATHLETIC TRAINING

3 s.h.

This course includes an introduction to the field of athletic training. The history of athletic training, immediate injury care, taping techniques, and athletic training administrative procedures are discussed. This course also includes the study of nutrition as it pertains to fundamental requirements, demands of exercise, and health implications, organizations/associations related to athletic training, the role of the Certified Athletic Trainer, physicals, medical terminology, associated medical and non-medical personnel, developing an emergency care plan, and environmental risk factors. This course is offered every spring.

### 231 CLINICAL EXPERIENCE I

1 s.h.

This course is designed to provide students with experience related to evaluation of the foot, ankle, lower leg, knee, thigh, hip, and low back injuries. In addition, students are required to complete competency based modules related to these and other topics. Prerequisite: Admission to the Athletic Training Program, Co-requisite: ATP 318. This course is offered every fall.

### 232 CLINICAL EXPERIENCE II

1 s.h.

This course is designed to provide students with hands-on experience related to the evaluation of shoulder, elbow, wrist, hand, face/head, chest, abdomen injuries. Students will also begin to demonstrate skills related to the role of therapeutic exercise in an athletic training setting. In addition, students are required to complete competency based modules. Prerequisite: ATP 231. Co-requisite: ATP 319, 381. This course is offered every spring.

### 318 EVALUATION I

3 s.h.

This course is designed to introduce students to injury evaluation and management concepts. In addition students will gain knowledge, skills and abilities in the recognition, evaluation, treatment, and prevention of injury to the spine, hip, thigh, knee, ankle, and foot. Prerequisites: Admission to the Athletic Training Program. This course is offered every fall.

**319 EVALUATION II****3 s.h.**

This course is a continuation of the first evaluation course with the emphasis being students' acquisition of knowledge, skills and abilities in the recognition, evaluation, treatment, and prevention of injury to the head, face, neck, shoulder, elbow, wrist, hand, chest, and abdomen. Prerequisites: ATP 318. This course is offered every spring.

**331 CLINICAL EXPERIENCE III****1 s.h.**

This course is designed to give students hands on experience in the application and administration of electrical, thermal, and mechanical modalities including different forms of electrical stimulation, ultrasound, cryotherapy, thermal therapy, massage, traction, and joint mobilizations. Students are required to complete competency based modules. Prerequisite: ATP 231, 232; Co-requisite: ATP 382. This course is offered every fall.

**332 CLINICAL EXPERIENCE IV****1 s.h.**

This course will provide students with hands-on experience opportunities to demonstrate their knowledge, skills and abilities while providing athletic training services to the physically active. Prerequisite: ATP 331. This course is offered every spring.

**381 THERAPEUTIC EXERCISE****3 s.h.**

This course will cover a wide variety of rehabilitation techniques including measurement and testing equipment used to rehabilitate athletic injuries. Prerequisite: ATP 318, BIO 306. This course is offered every spring.

**382 THERAPEUTIC MODALITIES & PHARMACOLOGY****3 s.h.**

This course covers the theory and application of therapeutic modalities used in the treatment of athletic injuries. This course will also introduce concepts of basic pharmacology which may be used in the treatment of athletic injuries. Prerequisite: ATP 231, 232, 381. This course is offered every fall.

**401 FIELD EXPERIENCE I****3 s.h.**

This course is designed to provide students with hands-on experience in a variety of traditional and/or non-traditional athletic training settings. Prerequisite: ATP 231, 232. This course is offered every fall.

**402 FIELD EXPERIENCE II****3 s.h.**

This course is designed to provide students with hands-on experience in a variety of traditional and/or non-traditional athletic training settings. Prerequisite: ATP 231, 232. This course is offered every spring.

**403 HUMAN NUTRITION****3 s.h.**

This course is designed to educate students regarding nutrition as it relates to health, fitness, and sport. Prerequisite: None. This course is offered every spring.

**412 SPECIAL TOPICS IN ATHLETIC TRAINING****3 s.h.**

This course is designed to provide educational opportunities for students in researching and teaching selected special topics in athletic training. In addition, this course assists students in preparing for the NATABOC certification exam. Prerequisite: ATP 318, 319, 381, 382. This course is offered every spring.

**484 ORGANIZATION & ADMINISTRATION IN ATHLETIC TRAINING****3 s.h.**

This course includes an in-depth look at the organization of an athletic training room. It also includes facility issues, staffing/personnel issues, and drug testing. In addition, the course will include legal and ethical parameters as they relate to athletic training, rehabilitation techniques and the measurement and testing equipment used to rehabilitate athletic injuries. This course is designated as a writing enrichment course. Prerequisite: None. This course is offered every spring.



## BIOLOGY (DEPARTMENT OF BIOLOGY)

Dr. Lori L. Brookman, Head

**Type of degree(s) awarded:** B.A., B.S., A.S.

**Core/General Education requirements:** Students can combine BIO 153 with CHE 151, GGY 153 or 301, or PHY 151 to meet the core/general education science requirements if they have the appropriate prerequisites. BIO 153 can also be combined with SCI 141 and 143 courses to fulfill the core/general education science requirement. BIO 153 may also be combined with upper-level biology courses to fulfill the science core requirement for the B.S. degree.

**Requirements for majors in biology:** 36-38 s.h. of Biology; CHE 151, 152, 321; CSC 100; MAT 105 and 220 or MAT 113 and 220; and additional courses in physics, chemistry, geology, and mathematics are desirable electives.

**Areas of concentration available for biology majors are the following:**

**GENERAL BIOLOGY:** BIO 153; 253 and 254; 301, 302, 304 or 319; 309 or 401; 306, 308 or 440; BIO 317 or 413; 488 and 489 or 490 and 491; and additional biology electives to make a total of 36 s.h.—This option is required for students seeking teacher licensure.

**ZOOLOGY:** BIO 153, 253, 254, 302, 317, 398, 401, 413; BIO 488 and 489 or 490 and 491; elective from BIO 321, 307, 309, 440 or 450

**ECOLOGY AND NATURAL HISTORY OF PLANTS:** BIO 153, 253, 254, 301, 304, 317, 321; 488 and 489 or 490 and 491; and 8 s.h. chosen from BIO 302, 307, 309, 450, 440, or 413; Suggested electives are SCI 141 or GGY 153, CHE 312, and CHE 450

**MICROBIOLOGY/CELL BIOLOGY:** BIO 153, 253 or 254, 301 or 304, 307, 309, 347, 401, and 440; one course chosen from BIO 302, 317, 321, or 413; 488 and 489 or 490 and 491; CHE 450; recommended for pre-medical students majoring in biology; for pre-veterinary students, and for students preparing for the Methodist College Physician Assistant Program

**Teacher licensure with biology as a major:** the required education courses, MAT 105, and 8 s.h. from GGY 153 and 301 or PHY 151 and 152

**Requirements for the minor in biology:** 19-20 s.h.: BIO 153 plus 16 s.h. of biology electives

**Requirements for the AS Concentration:** (See page 38.)

**Writing-Enrichment Course(s):** BIO 307, 309, 401, 440, 489 and 491

**Computer Intensive Course:** CSC 100

### COURSES IN BIOLOGY

#### 153 FUNDAMENTALS OF BIOLOGY

4 s.h.

For students planning further study in biology or a related field: includes cell structure and function, mitosis and meiosis, principles of genetics, and classification of living organisms. Three hours of lecture and three hours of laboratory each week. Prerequisites: high school biology and chemistry or SCI 142 and 143. Students must pass with a C or higher grade (not to include C-), this course is a prerequisite to all further Biology courses. This course is offered every fall and spring semester.

#### 253 VERTEBRATE NATURAL HISTORY

4 s.h.

This course introduces the ecology and natural history of vertebrate organisms: fishes, amphibians, reptiles, birds and mammals. Prerequisite: BIO 153 with a grade of C or higher. This course is offered in the spring semester. Also offered in the summer semester contingent on availability of faculty.

#### 254 PLANT COMMUNITIES

4 s.h.

Plant Communities is designed as a second level course to provide a general knowledge of plant structure at the cellular, tissue and organ levels and to relate that knowledge to modifications plants have that enable them to survive in specific habitats. Terrestrial and aquatic biomes will be studied with emphasis on specialization of plants in each biome. Morphological and physiological adaptation to the environment will be investigated. Prerequisite: BIO 153 with a grade of C or higher. This course is offered in the fall semester.

#### 301 PLANT MORPHOLOGY

4 s.h.

Morphological trends and life-cycle patterns in the prokaryotes, algae, fungi, and vascular plants. Three hours of lecture and three hours of laboratory each week. Prerequisite: BIO 153 with a grade of C or higher; BIO 253 or 254. This course is offered in the spring semester, even years.

- 302 INVERTEBRATE ZOOLOGY** 4 s.h.  
Invertebrate animals with particular attention to physiological processes, ecological roles, and parasites of humans and domestic animals. Three hours of lecture and three hours of laboratory each week. Prerequisite: BIO 153 with a grade of C or higher; BIO 253 or 254. This course is offered in the fall semester, even years.
- 304 ANATOMY AND PHYSIOLOGY OF VASCULAR PLANTS** 4 s.h.  
Cell, tissue, and organ structure and function with emphasis on the flowering plants. Three hours of lecture and three hours of laboratory each week. Prerequisite: BIO 153 with a grade of C or higher; BIO 253 or 254. This course is offered in the fall semester, odd years.
- 306 HUMAN ANATOMY AND PHYSIOLOGY I** 4 s.h.  
Part one of a two-course sequence. Topics covered include an introduction to histology, the skin and its derivatives, the skeleton, muscles, and the nervous, sensory and endocrine systems. Although this course is taught with an organ system emphasis, mechanisms on the cellular and molecular level are also covered. Prerequisite: BIO 153 with a grade of C or higher. This course is offered every fall semester. This course is also offered in the summer semester contingent upon availability of faculty.
- 307 GENERAL MICROBIOLOGY** 4 s.h.  
Immunology, virology, morphology and physiology of bacteria, etiology, and applied microbiology. Three hours of lecture and three hours of laboratory each week. Prerequisite: BIO 153 with a grade of C or higher and CHE 151. This course is offered every fall and spring semester. Designated writing enrichment course.
- 308 HUMAN ANATOMY AND PHYSIOLOGY II** 4 s.h.  
A continuation of the study of human structure and function. Topics include circulation, digestion, nutrition, respiration, excretion, immune response, reproduction and development. Prerequisite: BIO 153 with a grade of C or higher and BIO 306. This course is offered every spring semester.
- 309 GENETICS** 4 s.h.  
The molecular basis of inheritance and the historical development of genetics, from cellular, quantitative, and Mendelian approaches. Three hours of lecture and three hours of laboratory each week. Prerequisites: BIO 153 with a grade of C or higher, CHE 151 and one 300/400 level biology class. This course is offered every spring semester. Designated writing enrichment course.
- 317 LOCAL FLORA** 4 s.h.  
Classification and identification of the vascular plants of North Carolina with field and laboratory work emphasized. Three hours of lecture and field work each week. Prerequisite: BIO 153 with a grade of C or higher; BIO 253 or 254. This course is offered spring semester, even years.
- 321 INSECT BIOLOGY** 4 s.h.  
Entomology: The roles of insects in the balance of life, public health issues, taxonomy, morphology, and physiology. Three hours of lecture and three hours of laboratory each week. Prerequisite: BIO 153 with a grade of C or higher; BIO 253 or 254. This course is offered fall semester, odd years.
- 347 MEDICAL MICROBIOLOGY** 4 s.h.  
This course is intended to be taken by students majoring in the biological sciences or a closely related field. This course is particularly desirable for students planning to enter any health related field, work as a laboratory technician or enter a graduate program in microbiology. This course deals primarily with the study of pathogenic bacteria and fungi, viruses and viral infections, and the immunological response to infection. Emphasis will be placed on the effects of microorganisms on human beings. Laboratory exercises will focus on identification and culture of pathogenic microorganisms, enumeration of lytic viruses, and immunological techniques. Pre-requisites: BIO 153 and 307. This course in the spring semester.
- 398 VERTEBRATE COMPARATIVE ANATOMY AND EVOLUTION** 4 s.h.  
The comparative anatomy and evolution of vertebrate organisms: fishes, amphibians, reptiles, birds and mammals. Prerequisites: BIO 153, 253 or 254; and one 300/400 level biology class. This course is offered every spring semester, even years.
- 401 DEVELOPMENTAL BIOLOGY** 4 s.h.  
Representative patterns in the development of plants and animals from zygote to functioning adults, with emphasis on the early stages. Cellular and genetic mechanisms are included. Three hours of lecture and three hours of laboratory each week. Prerequisites: 8 s.h. of upper-division biology including either 306, 308 or 398 and either 309 or 440. This course is offered every spring semester. Designated writing enrichment course.

- 413 LIMNOLOGY AND MARINE ECOLOGY** 4 s.h.  
Freshwater and marine ecosystems will be studied. Prerequisites: BIO 153, 253 or 254; and one 300/400 level biology class. This course is offered fall semester, even years.
- 440 CELLULAR PHYSIOLOGY** 4 s.h.  
Cellular structures and processes as they provide the basic mechanisms of life. Consideration of biologically important macromolecules. Three hours of lecture and three hours of laboratory each week. Prerequisites: 8 s.h. of upper-division biology, and CHE 321. CHE 450 is recommended. This course is offered every spring semester and even-numbered fall semesters. Designated writing enrichment course.
- 450 BIOTECHNOLOGY** 4 s.h.  
Current theory, application and techniques in molecular biology, including plasmid mapping, DNA ligation, bacterial transformation, usage of restriction endonucleases. Restriction Fragment Polymorphisms, Southern and Western Hybridizations will be covered. There will be three hours of lecture and three hours of lab per week. Prerequisites: BIO 307, 309 and BIO 440 or CHE 450 or permission of the instructor. Note: One of the prerequisites may be taken concurrently with biotechnology. This course is offered in the fall semester, odd-numbered years.
- 485 SPECIAL TOPICS IN BIOLOGY** 1-4 s.h.  
Courses not part of the regular departmental offerings. Taught as faculty availability and student interest dictate.
- 488 LIBRARY RESEARCH PROJECT I** .5 s.h.  
Seniors will select a research topic, begin to compile a bibliography, and will write a detailed outline for the paper to be written in BIO 489. Either BIO 488 and 489 or 490 and 491 is required for graduation. This course is offered fall and spring semesters.
- 489 LIBRARY RESEARCH PROJECT II** .5 s.h.  
Seniors will complete the paper begun in BIO 488, and will give an oral presentation based upon it to Biology students and faculty members. Prerequisite: BIO 488. This course is offered fall and spring semesters. Designated writing enrichment course.
- 490 LABORATORY RESEARCH PROJECT I** 1 s.h.  
Seniors will select a research topic, state an experimental hypothesis, design experiments to test this hypothesis and prepare a project budget. Either BIO 488 and 489 or 490 and 491 is required for graduation. This course is offered fall and spring semesters.
- 491 LABORATORY RESEARCH PROJECT II** 1 s.h.  
Seniors will make suggested alterations in the project designed in BIO 488, and will then carry out their experimental work, with appropriate controls and replications, write a paper incorporating literature background, experimental protocol, results and conclusions and will present their findings orally to Biology students and faculty members. Prerequisite: BIO 490. This course is offered fall and spring semesters. Designated writing enrichment course.
- 499 INDEPENDENT STUDY IN BIOLOGY** TBA  
An opportunity for a well-qualified, upper-division student to engage in a special investigation in his/her major. Requires approval by the faculty advisor, the supervising professor, and the department head, before approval by the Vice President for Academic Affairs. Credit to be determined.

## CHEMISTRY (DEPARTMENT OF CHEMISTRY AND PHYSICAL SCIENCE)

Dr. Cu Phung, Head

**Type of degree(s) awarded:** B.A., B.S., A.S.

CHE 151 can be combined with SCI 142 or BIO 153 toward the general education/core requirements for the Bachelor of Arts degree or with two other science courses for the Bachelor of Science degree. It cannot be combined with SCI 143 toward the core requirement.

**Requirements for the major in Chemistry:** 24 s.h. in chemistry courses at the 300 level or higher to include CHE 486 or 487 and MAT 231 and 232, plus 3 s.h. in CSC 100 or 132

Students majoring in chemistry should select biology, or mathematics as a minor.

**Requirements for the minor in Chemistry:** 16 s.h., in 300-level chemistry courses, plus 3 s.h. in CSC 100 or 132

**Requirements for the AS Concentration:** (See page 41.)

**Writing-enrichment course(s):** CHE 311, 312, 421, 422, 450

**Computer intensive course:** CHE 485

### COURSES IN CHEMISTRY

#### 151 GENERAL CHEMISTRY I

4 s.h.

The elements, their compounds, and their reactions and the theories involved in foundation of modern chemistry. Three hours of lecture and three hours of laboratory each week. Pre/corequisites: Mathematics 105, 113, or 231 (determined by placement tests), and strong high school chemistry background or SCI 143. This course is offered every fall semester.

#### 152 GENERAL CHEMISTRY II

4 s.h.

A more detailed study of topics introduced in 151. Three hours of lecture and three hours of laboratory each week. Prerequisite: CHE 151. This course is offered every spring semester.

#### 310 INORGANIC CHEMISTRY

3 s.h.

The chemistry of the elements with emphasis on inorganic main group compounds and transition series coordination compounds, concepts of effective nuclear charge and periodicity, band theory, group theory, symmetry, p and d orbital bonding, catalysis, metallurgy, and atomic structure. Three hours of lecture each week. Prerequisite: CHE 151 and or 152. This course is offered as needed.

#### 311 QUANTITATIVE ANALYSIS

4 s.h.

Quantitative chemical analysis, with lecture, discussion, laboratory work, and problems. Three hours of lecture and three hours of laboratory each week. Prerequisite: CHE 151 and 152. This course is offered every fall semester, even-numbered years.

#### 312 INSTRUMENTAL ANALYSIS

4 s.h.

The operation of standard laboratory instruments, including the IR spectrophotometer, gas chromatograph, and electroanalyzer. Three hours of lecture and three hours of laboratory each week. Prerequisites: CHE 151 and 152. This course is offered every spring semester, odd-numbered years.

#### 321, 322 ORGANIC CHEMISTRY I AND II

4, 4 s.h.

The compounds of carbon and their reactions with emphasis on theories and mechanisms of reactions. Three hours of lecture and three hours of laboratory each week. A designated writing-enrichment course. Prerequisites: CHE 151 and 152. 321 is offered every fall semester; 322 is offered every spring semester. CHE 321 is a prerequisite for CHE 322.

#### 421, 422 PHYSICAL CHEMISTRY I AND II

4, 4 s.h.

The properties of solids, liquids, gases, and solutions. Three hours of lecture and three hours of laboratory each week. Prerequisites: CHE 311, MAT 231, and PHY 151 and 152, which can be taken concurrently. 421 is offered every fall semester, odd-numbered years; 422 is offered every spring semester, even-numbered years. CHE 421 is a prerequisite for CHE 422.

#### 450 BIOCHEMISTRY

4 s.h.

The chemical nature and interactions of biological molecules, acidbase chemistry, buffers, carbohydrates, lipids, proteins, nucleic acids, enzymes, coenzymes, the interrelationships of compounds in major metabolic cycles, and the utilization and synthesis of high energy compounds as "energy currency." Three hours of lecture and three hours of laboratory each week. Prerequisites: CHE 321 and 322. This course is offered every spring semester.

**485 SPECIAL TOPICS**

3 s.h.

For chemistry majors wishing to do more advanced work. Classroom work and individual laboratory and library investigation. Prerequisite: Permission of the department head. This course is offered as needed.

**486 LIBRARY RESEARCH PROJECT**

1 s.h.

Seniors will write a proposal for a library project, carry out the research, write a research paper, and present a seminar complete with the appropriate visual aids. Either CHE 486 or 487 is required for graduation. This course is offered as needed.

**487 LABORATORY RESEARCH PROJECT**

2 s.h.

Seniors will write a proposal for a laboratory project, carry out the research, write a research paper, and present a seminar complete with the appropriate visual aids. Either CHE 486 or 487 is required for graduation. This course is offered as needed.

**499 INDEPENDENT STUDY IN CHEMISTRY**

TBA

An opportunity for a well-qualified, upper-division student to engage in special research in his/her major. Requires approval by the faculty advisor, the supervising professor, and the department head, before approval by the Vice President for Academic Affairs. Credit to be determined.

**PROFESSIONAL EDUCATION COURSES**

These courses are designed to provide the student with the necessary skills and knowledge to become a professional educator. They include courses in classroom management, instructional strategies, and assessment. Prerequisites: Education 101 and 102.

In addition to the entrance requirements of Methodist College and the Keever School of Business, those entering the Professional Education program must have (1) a high school GPA of 2.0 or higher, (2) a cumulative GPA of 2.0 or higher in the first two semesters of college, and (3) a minimum cumulative GPA of 2.0 in the first two semesters of college. Prerequisites: Education 101 and 102.

**EDUCATION MANAGEMENT**

This course is designed to provide the student with the necessary skills and knowledge to become a professional educator. It includes topics such as classroom management, instructional strategies, and assessment. Prerequisites: Education 101 and 102.

The history of golf from Europe to the United States. Topics include the development of the PGA of America, the PGA Tour, and the Ryder Cup. This course is offered as needed.

**THE 19TH AND 20TH CENTURIES**

Experimental learning in all aspects of golf management required through a twelve-week internship at a golf facility. The student will be supervised by a faculty member and will receive credit for the internship. Prerequisites: Education 101 and 102.

**PROFESSIONAL GOLF MANAGEMENT (INSTITUTE FOR GOLF AND TENNIS MANAGEMENT:  
THE REEVES SCHOOL OF BUSINESS)**

Mr. Jerry Hogge—Director, Institute for Golf and Tennis Management; Director, Professional Golf Management

**All Professional Golf Management staff are PGA Professionals**

The business administration major with a concentration in professional golf management (PGM) provides students, with golfing skills, the opportunity to pursue a career as a golf professional in the private or public sector, resort or corporate golf structure, administration, club management, turf management or industry representative (sales). Future study in graduate school is possible in business administration, marketing, and related fields.

The marketing major with a concentration in professional golf management (PGM) provides students, with golfing skills, the opportunity to pursue a career as a golf professional involved in or responsible for the development, pricing, promotion, distribution and delivery of products, services and programs related to the golf industry. Potential areas of employment include all entry-level positions in the private or public sector, resort or corporate golf structure, administration, club management, or turf management. Future study in graduate school is possible in business administration, marketing, and agronomy.

**Type of degree awarded:** B.A., B.S.

**Accreditation:** Methodist College is one of ten colleges in the nation to offer a Professional Golf Management program that is accredited by the Professional Golfers' Association of America (PGA). This accreditation enables students to complete successfully the Playing Ability Test and Levels I and II of the Golf Professional Training Program (GTPT) while attending the College.

**Requirements for the major in Business Administration:** 43 s.h.—16 s.h. of Reeves School of Business foundation courses (ACC 251 and 253; BUS 200 and ECO 216, 261 and 262); 24 s.h. of Business Major requirements (BUS 325, 332, 343, 352, 450, and 470; ECO 311; MKT 351), and one 3 s.h. elective in business, financial economics, accounting or marketing. All Business Administration majors must take at least college algebra (MAT 105) or pre-calculus (MAT 113).

**Requirements for the major in Marketing:** 16 s.h. of Reeves School of Business foundation courses (ACC 251 and 253; BUS 200 and ECO 216, 261 and 262); 24 s.h. of Marketing major requirements (BUS 325, 332, 343, 352, 470; and MKT 351, 390, and 470) and 12 s.h. from the following approved electives (ACC 345; BUS 345; COM 331; ECO 311; MKT 380, 384, 400, 410, 420, 430, 485, 499; and PGM 304, 404). All Marketing majors must take at least college algebra (MAT 105) or pre-calculus (MAT 113). (See Marketing course descriptions under Marketing.)

**The Professional Golf Management concentration:** 27 s.h. - PGM 204, 304, 330, 340, 400, 404, 430, and Professional Seminars 195, 196, 295, 296, 395, 396, 495, 496. PGM 170, 270, 370, and 470 are Internships: they should be taken during the summer at the end of the freshman, sophomore, junior, and senior years, respectively. A minimum cumulative GPA of 2.00 is required for the four internships. The remaining courses required in PGM are taken during regular semesters of the junior and senior years. PGM 304 and 404 can be counted as marketing major elective courses and PGM concentration required courses.

**No minor or AA subject concentration is available.**

**Writing-Enrichment Courses:** PGM 400; BUS 352, 470 and MKT 470

**Computer Intensive Course:** BUS 325

In addition to the entrance requirements of Methodist College and the Reeves School of Business, those entering the Professional Golf Management program must have (1) a high school GPA of 2.0 or higher, (2) a certified handicap of golf skills of eight or less, (3) a personal interview with the PGM faculty, and (4) one recommendation of character from a member of the Professional Golfers' Association or a high school coach. Students in the PGM program are exempt from the Physical Education activity core requirement; however, they must complete PED 101.

**PROFESSIONAL GOLF MANAGEMENT COURSES**

**104 The History of Golf**

The history of golf from Europe to the United States. Topics include the development of the PGA of America, the PGA Tour, and LPGA Tour. This course is offered as needed.

3 s.h.

**170, 270, 370, 470 INTERNSHIP**

Experiential learning in all aspects of golf management acquired through a twelve-week internship at a golf facility. The student is assigned duties and responsibilities approved by the faculty member and PGA professional at the site. Supervision and evaluation is conducted by the faculty member and the on-site professional. Written reports and evaluations are required at the completion of each

1 s.h. each

phase of instruction. Students must work at two different facilities during their four internships. Placement is made by the PGM faculty member in consultation with the student. A minimum cumulative GPA of 2.0 is required for each internship. This course is offered every fall, spring and summer semesters. PGM 470 is a 7 month internship after all academic requirements are met.

**195, 196, 295, 296, 395, 396, 495, 496 SEMINAR** .5 s.h.

Information and knowledge acquired through supervised participation in formal seminars taught jointly by college instructors and PGA officials and CEO's of leading business. Resumes required each fall semester. Topics include teaching; rules; club fitting and repair; club management policies and procedures; golf cart use, repair, and maintenance; merchandising; turf management; and golf computer operations. A minimum of 4 seminars is required for graduation/one per year. Pass/fail course.

**204 INTRODUCTION TO GOLF MANAGEMENT** 3 s.h.

An overview of opportunities and responsibilities in the golf profession; PGA history, purpose, and constitution; interpersonal skills; ball flight laws, principles, and professional terminology; golf car fleet management; resume writing. Co-requisite/pre-requisite for all PGM courses. Open to PGM students only. This course is offered during the fall and spring semesters.

**304 GOLF SHOP OPERATIONS**

The management, marketing, accounting, and financial responsibilities of the golf shop as a retail activity and base of operation for the golf facility. Inventory control, buying strategies, sales analysis, survey usage, selling techniques, budgeting, and staffing policy and procedures will be covered. This course is offered every fall and spring semester.

**310 THE SCIENCE OF THE GOLF SWING** 3 s.h.

The course is an in-depth study of the physics and geometry of the golf swing, the angles created, centrifugal and centripetal forces, and the sciences that are involved in the golf swing. This course is offered every fall and spring semester as needed.

**330 AGRONOMY AND TURF GRASS MANAGEMENT** 3 s.h.

Introduction to maintenance and characteristics of turf grasses; treatment for diseases and insects; including proper use of fertilizers, insecticides, and other chemicals. Policy and procedures involved in golf course maintenance programs; staffing, scheduling and legalities dealing with the EPA and OSHA. This course is offered every fall and spring semester. The course includes sixteen hours of student laboratory experience at the golf course.

**340 TOURNAMENT OPERATIONS AND THE RULES OF GOLF** 3 s.h.

An overview of the Golf Professional's responsibility in tournament operations; developing the tournament, budgets, organizing staff and volunteers, tournament promotion and evaluation; and incorporating the use of computer software. An in-depth study of the Rules of Golf and the decisions on the Rules of Golf. Students will learn the definitions of the rules, how to use the rule book, how to interpret and apply the rules of golf in tournament situations as a golf professional. This course is offered fall and spring semesters.

**400 TEACHING METHODS** 3 s.h.

The sciences applied to the golf swing, causes and effects; laws, principles and preferences of a model swing; professional terminology for golf teachers; learning styles and practices; private and group lessons; and the importance of directed practice, drills, and teaching aids. Prerequisites: speech class. This course is offered every fall and spring semester as needed.

**404 FACILITY MANAGEMENT** 3 s.h.

A capstone course for the professional golf management student that integrates and synthesizes all the courses of the PGM concentration. The course covers the marketing, management, accounting and financial analysis of the various types of golf operations; private, public and resort golf club operations. Case studies used and guest speakers invited as appropriate. This course is offered every fall and spring semesters/

**410 THE ART AND SCIENCE OF CLUB FITTING** 3 s.h.

The course covers the history and evolution of golf equipment and the golf ball, and how it relates to the golf professional's ability to custom fit and merchandise equipment. This course includes a practicum in club fitting. This course is offered every fall and spring.

**430 FOOD AND BEVERAGE MANAGEMENT** 3 s.h.

The main function areas of the food and beverage operation. The course includes the procurement, preparation, yield, and sale of food and beverage. A minimum of 4 weeks of internship or lab experience is required. This course is offered every fall and spring semester.

**485 SPECIAL TOPICS IN PROFESSIONAL GOLF MANAGEMENT** 1-3 s.h.

In depth study of a specific area of the golf industry as it relates to the golf professional. Prerequisite: permission of the department head. This course is offered as needed.

**499 INDEPENDENT STUDY IN GOLF MANAGEMENT** 1-3 s.h.

An opportunity for a well-qualified PGM student to engage in a special research project. Requires approval by the faculty advisor, supervising professor, and the department head, before approval by the Vice President for Academic Affairs. Credit to be determined.

## SCIENCE (DEPARTMENTS OF BIOLOGY AND OF CHEMISTRY AND PHYSICAL SCIENCE)

**Type of degree(s) awarded:** A.S.

**Core/General Education requirements:** Students meet the science requirements for the Bachelor of Arts with SCI 143, CHE 151, or PHY 151 and with SCI 142 or BIO 153. Students meet the requirements for the Bachelor of Science with the 141, 142, 143 sequence; with an appropriate mixture of 141-143 courses for non-majors and CHE 151, PHY 151, or GGY 153 or 301 or BIO 153 courses; or with an introductory course and advanced courses in the same field. Students cannot take two introductory courses in the same area; that is, they will not receive credit toward the requirement for both SCI 142 and BIO 153; CHE 151 or PHY 151 and SCI 143; or SCI 141 or GGY 153.

**No minor in science is available.**

**Requirements for the AS Concentration:** (See page 41.)

### SCIENCE COURSES

#### 141 EARTH SCIENCE

3 s.h.

Major concepts of cosmology, astronomy, geology, meteorology and oceanography. A survey course for non-science majors. 150 minutes of lecture and 90 minutes of laboratory each week. (Not to be used for Middle Grades Science concentration.) This course is offered every fall, spring, and summer semester.

#### 142 BIOLOGY

3 s.h.

Major concepts of biology, including cellular structure, diversity of form, interrelationships among living organisms, and the importance of other organisms to man. Two sixty-minute lectures and two hours of laboratory each week. This course is offered every fall, spring, and summer semester.

#### 143 PHYSICAL SCIENCE

3 s.h.

Basic topics of physics, chemistry, and astronomy with special emphasis on real world applications. 150 minutes of lecture and 90 minutes of laboratory each week. Prerequisite: MAT 105. This course is offered every fall, spring, and summer semester.

#### 307 METHODS OF ELEMENTARY SCIENCE

2 s.h.

Laboratory experience in methods and materials appropriate for the elementary classroom. Construction and utilization of teaching materials, field trips, and related activities emphasized. Four hours of laboratory each week. Does not count toward the science concentration. Prerequisites: SCI 141, 142, and 143 or equivalent science courses. This course is offered as needed.

#### 330 HISTORY OF SCIENCE

3 s.h.

Surveys the major ideas, methods and scientists that have contributed to the Physical, Chemical, Biological and Geological sciences from ancient to modern times. Prerequisite: PHY 151, CHE 151, or BIO 153. This course is offered as needed.

#### EDU 415 SCIENCE TEACHING METHODS FOR THE SECONDARY AND SPECIAL SUBJECT AREAS

3 s.h.

Methods, materials, and evaluation procedures for teaching science. See EDU 410-419.



## SOCIAL WORK (DEPARTMENT OF SOCIOLOGY, SOCIAL WORK, AND CRIMINAL JUSTICE)

Mr. Ronnie Martin, Program Director

The Social Work Program is accredited by the Council on Social Work Education, and is a professional program designed to prepare students for entry-level generalist practice with individuals, families and groups, organizations and communities, with particular emphasis on needs of minority and under-served populations in the Cape Fear Valley region.

Admission to the program is not automatic and students must apply and be accepted into the program to complete the major. Admission to the major does not guarantee entry into the senior Field Internship. Application must be made to the Internship which is restricted only to individuals whose prior academic and personal performance indicate they are suited to a career working with others. No credit is given for life experience, and all courses must be completed. **This major can be completed only through enrollment in the day college program.** Students may elect either the B.A. or B.S. core.

**Type of degree awarded:** B.S.W.

**Requirements for the major in Social Work:** 66 s.h. as follows: Completion of college core requirements with GPA of 2.0 or better in all work attempted: SOC 151, PSY 101, PSC 151, a course in statistics, SOC 282, SOC 360, CSC 100, PSY 341, SWK 231, 235, 300, 302, 315, 332, 370, 420, 424, 432, 475. Student must have a grade of C or better in SWK 231, 420, 424, and 475. The following courses should be completed in the freshman and sophomore year: SOC 151, PSY 101, PSC 151, CSC 100 and statistics. SWK 231 is the prerequisite for all social work courses except SWK 315 and 332.

**Requirements for a minor in Social Work:** SWK 231 and 15 s.h. of other SWK courses. (Please note that SWK 420, 424, and 475 may be taken only by Social Work majors and may not be taken as part of a minor.)

**Requirements for the licensure in School Social Work:** 9 s.h. including SWK 340, EDU 251, and SPE 255 and requirements for the social work major. Admission to Social Work Program and Teacher Education: Admission to Teacher Education should be completed the semester prior to the field placement. Students must have cumulative overall grade point average of at least 2.5 and a grade of C (2.0) or better in each course in the student's major and minor professional sequence. See Education Section for School Social Work licensure requirements.

**Requirements for the minor in Gerontology with certification:** 17-18 s.h. including GRN 301 and 350; SWK 235 or BIO 306; GRN 450 or 470; and 6 s.h. from one of the following tracks:  
Health Care (BHC 200, BHC 430, SOC 305, SOC 388);  
Physical Education/Wellness (PED 203, PED 205, PED 218, PED 400);  
Social Work (SWK 302, SWK 315, SWK 380, SOC 305, SOC 388)

A student doing a senior level research project or internship in his or her major field may substitute that course for GRN 450 or 470 if it focuses on senior adults and meets the approval of the Director of the Gerontology Program.

**Writing-Enrichment Course:** SWK 370, Prerequisite: ENG 102

**Computer Intensive Course:** SWK 332

**Requirements for admission to the Social Work Program:** Students must be approved by the admissions committee based on the following criteria:

- 1-A grade point average of 2.0 or better on all work completed.
- 2-Completion of the general education/core requirements for the B.A. or B.S. degree before entering the Social Work Program is recommended. Fifty percent of the general education /core requirements must be completed before application to the program can be made.
- 3-A grade of C or better in ENG 101 and 102 or by tests.
- 4-Completion of SWK 231 with a grade of C or better.
- 5-Completion of a written application to the Social Work Program after the above requirements are met and acceptance by the Admissions Committee of the program.

Candidates are encouraged to apply for admission to the program in the second semester of their sophomore year.

**Requirements for admission to Field Internship:**

- 1-Submission of completed written application;
- 2-Completion of all prerequisites to SWK 475;
- 3-A grade of C or higher in SWK 420 and 424; a GPA of 2.0 in all work completed toward in the general education/core requirements at

Methodist College. A GPA of 2.0 is also required of all social work courses taken by the student.

4-Prior or concurrent enrollment in SWK 424;

5-Acceptance by the Admissions Committee of the Program; approval of the Coordinator of Field Instruction and acceptance by the assigned agency. Acceptance to Field Internship is not automatic.

## **SOCIAL WORK COURSES**

### **231 INTRODUCTION TO SOCIAL WORK**

3 s.h.

Introduction to social problems and social service systems designed to impact upon those problems. Introduction to social work as a profession, its ethics, values, knowledge base, skills base, and fields of practice. Twenty-five hours of volunteer experience in a setting approved by the instructor. This course is a prerequisite to all other social work courses except SWK 315 and 332. This course is offered every fall semester.

### **235 HUMAN BIOLOGICAL SYSTEMS**

3 s.h.

This course is designed to provide an understanding of the human body. The major systems of the body will be covered, and common diseased and disorders for each system will be identified. This course will provide an understanding of the impact the major systems and the diseases and disorders of these systems have on the individual and his or her environment. This course is offered every spring semester.

### **EDU 251 INTRODUCTION TO EDUCATION**

See EDU 251.

### **SPE 255 EDUCATION OF THE EXCEPTIONAL CHILD**

See SPE 255

### **SOC 282 INTRODUCTION TO SPSS FOR WINDOWS**

See SOC 282.

### **300 HUMAN BEHAVIOR I**

3 s.h.

Various theoretical perspectives regarding the bio-psycho-social development of the individual and the family from pre-natal through early adolescence. Prerequisites: SWK 231, SWK 235, SOC 151, PSY 101. This course is offered every fall semester.

### **302 HUMAN BEHAVIOR II**

3 s.h.

This course continues exploration of development of the individual and family from early adulthood through adolescence. Prerequisite: SWK 231, SOC 151, and PSY 101. This course is offered every spring semester.

### **304 FAMILY SOCIAL WORK**

3 s.h.

Introduction to the family as a social system, patterns of family communication and interaction, and the concept of intervention with the family. This course is offered as needed.

### **315 HELPING PROCESSES**

3 s.h.

An introduction to the giving and taking of help, communication process, the helping relationship, the problem-solving model, and various intervention concepts and theories. This is a prepractice course open to all majors. This course is offered every spring semester.

### **332 METHODS OF SOCIAL RESEARCH**

3 s.h.

The scientific method, research design, including single systems design and program evaluation, data-gathering techniques, and data analysis. The student will develop and conduct an original research project. Prerequisite: Statistics and SOC 282. Cross-listed as SOC 332. This course is offered every fall semester.

### **340 SCHOOL SOCIAL WORK**

3 s.h.

This course focuses on major issues in education and historical, philosophical and political influences of school social work practice. A variety of social work skills, interventions, and theories applicable to the delivery of school social work services are discussed. Prerequisites: None. This course is offered during the evening and summer sessions.

### **SOC 360 MINORITY RELATIONS**

See SOC 360.

### **370 POLICY I**

3 s.h.

Key historical, political, economic, and ideological events in relation to the social welfare system in the United States with an introduction to current welfare policies and programs. Prerequisites: SWK 231 and PSC 151. This course is offered every fall semester.

**375 CHILD WELFARE**

3 s.h.

Policies, programs, and issues relating to the child welfare system are examined, including protective services, out-of-home placements, adoption, day care, and public school programs. This course is offered as needed.

**380 SOCIAL WORK WITH OLDER ADULTS**

3 s.h.

This course provides foundation knowledge and skills for working with older individuals, their families, and the community. Skills in helping such as interviewing, assessment and planning, intervention and evaluation, are presented and practiced as applicable to older adults. Systems providing services to older adults such as income maintenance, health care, nutrition, housing, mental health, social and institutional care are presented. Students learn strategies to act as advocates and change agents on behalf of older adults. Prerequisite: SWK 231 or GRN 301.

**385-395 SPECIAL TOPICS IN SOCIAL WORK**

3 s.h.

A subject in social work not covered in depth in the regular curriculum. Topics vary. Can be repeated for credit with a different topic. This course is offered as needed.

**420 PRACTICE METHODS I**

3 s.h.

Introduction to social work practice methods, including development of skills in interviewing, assesment, planning, intervention, and evaluation of practice. Prerequisite: SWK 231, 300, 302, 315, 370, 432, and admission to the Social Work Program. This course is offered every fall semester.

**424 PRACTICE METHODS II**

3 s.h.

Practice methodology for work with individuals, families, groups, organizations and communities. Emphasis on macro level practice. Prerequisite: SWK 420 with a grade of C or better. This course is offered every fall and spring semester as needed.

**432 POLICY II**

3 s.h.

Current social welfare policy of the U.S., approaches to social welfare in other Western nations, and values reflected in policy options are explored and analyzed. The impact of social welfare policy upon social work practice is studied. Prerequisite: SWK 370. This course is offered every spring semester.

**475 FIELD PRACTICUM**

12 s.h.

The student is placed in an approved social welfare agency for supervised learning experience of no less than 400 contact hours. Requires a weekly seminar. Prerequisites: senior class standing, admission to the social work program, approval of Field Coordination, acceptance by agency, SWK 231, 300, 302, 315, 332, 370, 432, 420, SOC 151, SOC 235, SOC 360, PSY 101, PSC 151, CSC 100, PSY 341 and PSY 250, a course in statistics. Corequisite: SWK 424 **Students who do not receive a grade of C or better may repeat the course one time only.** See program handbook for expectations and requirements of students enrolled in Field Practicum. Fall and spring semester, as needed.

**499 INDEPENDENT STUDY IN SOCIAL WORK**

1-3 s.h.

An opportunity for well-qualified, upper-division student to engage in special research in his/her major. Requires approval by the faculty advisor, the supervising professor, and the department head before approval by the Vice President of Academic Affairs. Credit to be determined.