

Course Descriptions

AIR FORCE ROTC (AS)

AS 101: Foundations of the United States Air Force I (2)

Fall semester. Lecture-Practicum (1-2)

Surveys Air Force's role in contemporary world, with emphasis on strategic offensive and defensive forces. Includes military professionalism and officership and an assessment of oral and written communication skills.

AS 102: Foundations of the United States Air Force II (2)

Spring semester. Lecture-Practicum (1-2)

A continuation of AS 101 with emphasis on general purpose and support forces.

AS 201: The Evolution of USAF Air and Space Power I. (2)

Fall semester. Lecture-Practicum (1-2)

Study of air power development and employment in support of national objectives and an examination of the evolution of air power concepts and doctrine. An assessment of oral communication skills, and continued emphasis on the development of oral and written communication skills.

AS 202: The Evolution of USAF Air and Space II. (2)

Spring semester. Lecture-Practicum (1-2)

A continuation of AS 201 with emphasis on air power since WWII. An assessment of oral communication skills, and continued emphasis on the development of oral and written communication skills.

AS 301: Air Force Leadership Studies I. (3)

Fall semester. Lecture-Practicum (3-2)

An integrated leadership course emphasizing leadership and management concepts and skills. Examines motivational and behavioral processes, leadership, communication, decision making, ethics, organizational power, and managerial strategy. Includes preparing and delivering various types of speeches and a study of effective writing in the preparation of Air Force correspondence.

AS 302: Air Force Leadership Studies II. (3)

Spring semester. Lecture-Practicum (3-2)

A continuation of AS 301.

AS 401: National Security Affairs and Preparation for Active Duty I. (3)

Fall semester. Lecture-Practicum (3-2)

Study of U.S. National Security Affairs. Examines formulation, organization, and implementation of national security. Includes military professionalism, officership, air and space doctrine, the military justice system, civil-military interaction, and Laws of War. Applications of oral communication skills and writing skills in typical military situations. Preparation for active duty provides essential information for new 2nd Lieutenants.

AS 402: National Security Affairs and Preparation for Active Duty II. (3)

Spring semester. Lecture-Practicum (3-2)

A continuation of AS 401.

ART (ART)

ART 102 Art Appreciation. (3)

An introduction to visual art surveying the meanings, purposes, styles, elements, and principles of art, along with the history of art and the various media used to create works of art. This course is for non-Art majors only.

ART 103 Design I. (3)

6 hrs. per wk.

An introductory studio experience exploring the principles of two-dimensional design and color theory.

ART 104 Design II. (3)

6 hrs. per wk.

An introductory studio experience exploring the principles of three-dimensional design and the organization of space.

ART 105 Drawing I. (3)

6 hours per week.

An introductory studio experience designed to explore the fundamentals of drawing and drawing-related media. Emphasis is placed on the use of a variety of drawing tools and materials.

ART 106 Drawing II. (3)

6 hours per week. Prerequisite: ART 105.

A continuation of an introductory studio experience designed to explore the fundamentals of drawing and drawing-related media. Emphasis is placed on the use of a variety of drawing tools and materials.

ART 195 Computers in Art. (3)

6 hrs. per wk. Prerequisite: ART 103, 105 or CA 300 or permission of the Department Chair of Art and Design.

A studio laboratory course where students learn computer basics as they relate to the visual arts. Emphasis is on graphics and web design programs. Computer lab access is required.

ART 205 Figure Drawing I. (3)

6 hours per week. Prerequisite: ART 105.

This course consists of working from the model in various media. Emphasis is placed on developing draftsmanship and precision of observation, as well as expressing a personal statement.

ART 206 Drawing III. (3)

6 hrs. per wk. Prerequisite: ART 106.

An advanced level course that encourages a more personalized development in drawing techniques and modes of individual expression.

ART 211 Art History Survey I. (3)

A survey covering art and architecture from the prehistoric period to the end of the Middle Ages. Emphasis is on art of the Western world, but non-Western art is included as well.

ART 212 Art History Survey II. (3)

Students are strongly encouraged to take ART 211 first.

A survey covering the history of art and architecture from the Renaissance to today. Emphasis is on art of the Western world, but non-Western art is included as well.

ART 220 Fine Arts Photography I. (3)

6 hrs. per wk. Prerequisite: ART 103 or permission of the Department Chair of Art and Design.

A foundation for fine arts photography techniques and how these techniques relate to graphic design and fine arts. Emphasis will be placed on film processing and printing techniques such as photograms and solarization. Manual 35mm camera is needed for class.

ART 230 Clay Arts I. (3)

6 hrs. per wk.

Studio experience in designing and creating three-dimensional pottery and sculptural forms. Basic construction methods (including potter's wheel) are introduced along with decorating and glazing techniques.

ART 236 Fiber Arts I. (3)

6 hrs. per wk.

An introductory studio experience exploring the fiber arts/weaving media utilizing two and three-dimensional compositions.

ART 238 Sculpture I. (3)

6 hrs. per wk. Prerequisite: ART 104, 106.

A laboratory course in applied principles and practices in sculpture and constructive design including experiences in carving, modeling, casting and construction with a variety of materials.

ART 260 Illustration I. (3)

6 hrs. per wk. Prerequisite: ART 104, 106.

Black and white illustrations techniques found in magazines, books and advertising will be emphasized.

ART 261 Typography. (3)

6 hrs. per week. Prerequisites: ART 104, 106, 195.

This course explores basic typographic design with an emphasis on type and letterform as design elements. Topics covered will include: The evolution of typography, anatomy of typography, syntax and communication, legibility, typographic technology, and type styles.

ART 262 Graphic Design I. (3)

6 hrs. per wk. Prerequisite: ART 104, 106, 195.

Basic typography design with an emphasis on type and letter form as design elements. Print formats such as mechanicals. T-shirt design and logo design will be introduced. Computer experience helpful.

ART 270 Watercolor Painting I. (3)

6 hrs. per wk. Prerequisite: ART 103, 105.

Problems in a wide variety of transparent watercolor techniques.

ART 295 Web Design. (3)

Prerequisite: ART 195 computers in Art or permission of the Art and Design Department Chair.

This course will introduce students to the design and technical requirements necessary to produce basic websites.

ART 301 Art as a Profession. (1)

Prerequisites: ART 211, 212

This course examines those issues that artists must be aware of, and plan for, as they develop their career goals. An examination of those elements needed to properly study and critique one's own work is combined with a detailed exploration of the steps needed to prepare for life after graduation.

ART 305 Figure Drawing II. (3)

6 hrs. per wk. Prerequisite: ART 205.

The course includes drawing from the model and study of anatomical structure and musculature.

ART 310 Nineteenth-Century European Art History. (3)

Prerequisite: Students are strongly advised to take ART 211 and 212 first.

This course is a survey course covering nineteenth-century European art.

ART 313 Twentieth-Century Art History. (3)

Prerequisite: Students are strongly advised to take ART 211 and 212 first.

A survey course covering twentieth-century Western art, beginning with a foundation in art of the late nineteenth century and ending with contemporary art.

ART 315 Women Artists in History. (3)

Prerequisites or concurrent enrollment: Either ART 102, 211, 212 or permission of the Art and Design Department Chair.

A survey of women artists in history as well as representations of women in art from antiquity to the present. Also listed as WS 315. *Note: Courses with a WS prefix cannot be used toward an area of concentration or a secondary certification area. Students wanting to use this course toward their certification area must enroll in the ART section of this course.*

ART 316 American Art. (3)

Prerequisite: Students are strongly advised to take ART 211 and 212 first.

A survey of American art from Colonial times to the present.

ART 320 Fine Arts Photography II. (3)

6 hrs. per wk. Prerequisite: ART 220.

An upper level studio experience which places more emphasis on technical studies and experimental approaches in creating the photographic image.

ART 321 Digital Photography. (3)

Prerequisites: ART 195, 220.

A beginning level explanation of digital media in relation to the creation of fine art photographs. Emphasis will be on image capture, editing via graphic programs and creation of conceptual works of art. A digital camera must be purchased for use in the course.

ART 330 Clay Arts II. (3)

6 hrs. per wk. Prerequisite: ART 230.

Continuation of ART 230 with more emphasis on the development of individual styles through concentrated studio work. Studies in ceramic history and technology.

ART 334 Metal Arts I. (3)

6 hrs. per wk. Prerequisite: ART 104, 106, or permission of the Department Chair of Art and Design.

Principles and practice in metal crafts and jewelry including enameling. Assigned reading, illustrated lectures, and demonstrations.

ART 336 Fiber Arts II. (3)

6 hrs. per wk. Prerequisite: ART 236.

A continued study of the fiber arts/weaving media with emphasis on the complexity of imagery and skill of technique.

ART 338 Sculpture II. (3)

6 hrs. per wk. Prerequisite: ART 238.

An advanced studio experience designed to further explore sculpture media.

ART 340 Art Education: Materials and Methods in Teaching Art. (3)

The object of this course is an education experience in art and the teaching of art at the elementary and secondary levels. Techniques in various art media and stages of creative development are studied in relation to different age levels.

ART 360 Illustration II. (3)

6 hrs. per wk. Prerequisite: ART 260.

Advanced illustration techniques, including the use of color.

ART 361 History of Graphic Design. (3)

Prerequisites: ART 211, 212.

This course examines Graphic Design history as a parallel development to Fine Arts that emerges in the 1920's as a movement both distinct from Fine Art as an art form in itself. The course will touch on important periods, events and people in Graphic Design history, but will focus on the 20th century and its contribution to the field.

ART 362 Graphic Design II. (3)

6 hrs. per wk. Prerequisite: ART 262.

Brochure layout, poster design, letterhead, envelope and business card layout, resume composition, design and layout and portfolio presentation will be stressed.

ART 365 Calligraphy and Lettering Design I. (3)

6 hrs. per wk.

A studio course designed to acquaint the student with a number of historic letter styles and to develop a proficiency in using them in contemporary ways for personal pleasure and commercial purposes. Special attention is given to layout and design problems.

ART 370 Watercolor Painting II. (3)

6 hrs. per wk. Prerequisite: ART 270.

An advanced studio experience designed to further explore watercolor media.

ART 375 Acrylic Painting and Mixed Media I. (3)

6 hrs per week. Prerequisite: ART 104, 106.

Painting with acrylics on various surfaces and with various mixed media.

ART 377 Oil Painting I. (3)

6 hrs. per wk. Prerequisite: ART 104, 106.

An introduction to oil painting techniques and styles. Problems in color and experimentation with impasto and glazing.

ART 380 Printmaking/Seriography I. (3)

6 hrs. per wk. Prerequisite: ART 104, 106.

An introductory studio experience exploring the techniques of the screen print media to produce a professional edition of work.

ART 381 Printmaking/Intaglio and Embossment I. (3)

6 hrs. per wk. Prerequisite: ART 104, 106.

An introductory studio experience exploring the techniques of the intaglio print media to produce a professional edition of work.

ART 382 Printmaking/Relief Printing I. (3)

6 hrs. per wk. Prerequisite: ART 104, 106.

An introductory studio experience exploring the techniques of the relief print media to produce a professional edition of work.

ART 383 Printmaking/Lithography I. (3)

6 hrs. per wk. Prerequisite: ART 104, 106.

An introductory studio experience exploring the techniques of the lithography print media to produce a professional edition of work.

ART 384 Printmaking/Collagraph I. (3)

6 hrs. per wk. Prerequisites: ART 104, 106.

An introductory studio experience exploring the techniques of the collagraph print media to produce a professional edition of work.

ART 399 Special Topics in Art and Design. (1-3)

Prerequisite: Permission of the Department Chair of Art and Design

Special topics related to the fields of studio art, art education, graphic design, or art history. May be repeated for a maximum of six hours.

ART 405 Figure Drawing III. (3)

6 hrs. per wk. Prerequisites: ART 305. Can be repeated for a maximum of 12 hours.

A studio course where the student develops a significant portfolio of drawings. Media used, number of drawings completed, and time involved in developing images may vary, but all work should represent thoughtful, personal statements. A more intensive study of master draughtsman is expected. A sketchbook must also be maintained. The student may be requested to leave one or two examples for the University permanent collection. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of the figure drawings produced are determined through consultation with the instructor (based on the student's current skill level).

ART 420 Fine Arts Photography III. (3)

Prerequisite: ART 320. Can be repeated for a maximum of 12 hours.

Advanced level expectations in developing unique photographic images. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of the photographs

produced are determined through consultation with the instructor (based on the student's current skill level).

ART 421 Advanced Digital Photography. (3)

Prerequisite: ART 321.

A continued exploration of digital media and techniques in relation to the creation of fine art photographs. Emphasis will be placed on the ongoing development of highly personal imagery.

ART 430 Clay Arts III. (3)

6 hrs. per wk. Prerequisite: ART 330. Can be repeated for a maximum of 12 hours.

Advanced level expectations from students working on individually set goals. Continued emphasis in studying ceramic history, contemporary trends, and ceramic technology. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of clay artworks produced are determined through consultation with the instructor (based on the student's current skill level).

ART 434 Metal Arts II. (3)

6 hrs. per wk. Prerequisite: ART 334. Can be repeated for a maximum of 12 hours.

An advanced studio experience that explores advanced techniques in jewelry making and metal fabrication. Enameling, acid etching, stone setting, and advanced waxing will be explored in this hands-on course. Approximately 6-10 projects will be executed after research and design development. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of the jewelry and metal artworks produced are determined through consultation with the instructor (based on the student's current skill level).

ART 436 Fiber Arts III. (3)

6 hrs. per wk. Prerequisite: ART 336. Can be repeated for a maximum of 12 hours.

An advanced studio experience designed to further explore the fiber art/weaving media. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of the fiber artworks produced are determined through consultation with the instructor (based on the student's current skill level).

ART 438 Sculpture III. (3)

6 hrs. per wk. Prerequisite: ART 338. Can be repeated for a maximum of 12 hours.

An advanced studio experience in which students are expected to display advanced knowledge and expertise in one or more sculpture media. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of sculptures produced are determined through consultation with the instructor (based on the student's current skill level).

ART 452 Internship. (3)

Prerequisite: Admission to major, advanced standing. Can be repeated for a maximum of 12 hours at different locations.)

Student-planned work experience related to their major area of study.

ART 462 Graphic Design III. (3)

6 hrs. per wk. Prerequisite: ART 362. Can be repeated for a maximum of 12 hours.

An emphasis will be placed on production mechanicals, storyboards, packaging design, direct-mail design and corporate image design. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of designs produced are determined through consultation with the instructor (based on the student's current skill level).

ART 469 Calligraphy and Lettering Design II. (3)

6 hrs. per wk. Prerequisite: ART 365. Can be repeated for a maximum of 12 hours.

A studio course where the student, familiar with basic italic and at least two other hands, will study two alphabets of their choosing for the development of at least four finished examples. The instructor may retain one example. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of calligraphy artworks produced are determined through consultation with the instructor (based on the student's current skill level).

ART 475 Acrylic Painting and Mixed Media II. (3)

6 hrs. per week. Prerequisite: ART 375.

A studio course where the student extends her/his study of acrylics in more personally expressive and a more singularly focused direction. The number of works completed will vary with the scale, complexity and other particulars of the individual students work as proposed. The student may be requested to leave one example for the University's permanent collection.

ART 477 Oil Painting II. (3)

6 hrs. per wk. Prerequisite: ART 377.

A studio course where the student extends her/his study of oil in a more personal and singular direction. Different handling of media will be selected with the advice of the instructor. A portfolio of work will be completed, with number, scale, complexity and color manipulation to be worked out individually. The student may be requested to leave one example for the University's permanent collection.

ART 479 Advanced Painting. (3)

6 hrs. per wk. Prerequisite: ART 475 or 477 or permission of the Department Chair of Art and Design.

Can be repeated for a maximum of 12 hours.

Advanced problems in painting. Emphasis on direction and cohesion in body of work. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of the paintings produced are determined through consultation with the instructor (based on the student's current skill level).

ART 480 Printmaking/Seriography II. (3)

6 hrs. per wk. Prerequisite: ART 380.

A continued study of the screen print media with emphasis on the complexity of imagery and the consistency of the edition.

ART 481 Printmaking/Intaglio and Embossment II. (3)

6 hrs. per wk. Prerequisite: ART 381.

A continued study of the intaglio print media with emphasis on the complexity of imagery and the consistency of the edition.

ART 482 Printmaking/Relief Printing II. (3)

6 hrs. per wk. Prerequisite: ART 382.

A continued study of the relief print media with emphasis on the complexity of imagery and the consistency of the edition.

ART 483 Printmaking/Lithography II. (3)

6 hrs. per wk. Prerequisite: ART 383.

A continued study of the lithography print media with emphasis on the complexity of imagery and the consistency of the edition.

ART 484 Printmaking/Collagraph II. (3)

6 hrs. per wk. Prerequisite: ART 384.

A continued study of the collagraph print media with emphasis on the complexity of imagery and the consistency of the edition.

ART 489 Advanced Printmaking. (3)

6 hrs. per wk. Prerequisite: ART 480, 481, 482, 483, or 484 or permission of the Department Chair of Art and Design. Can be repeated for a maximum of 12 hours.

Emphasis will be placed on an extensive exploration and specialization in one or more related printing areas. The various printmaking techniques under further study are relief printing, lithography, intaglio, collagraphy, embossment, and serigraphy. Evaluation will be based on the successful execution of a significant image in a skilled technique and presented in a professional manner. Students repeating this course are expected to build on previous knowledge and expertise. For those students, the methods of working and the number and complexity of the prints produced are determined through consultation with the instructor (based on the student's current skill level).

ART 490 (A,B) Supervised Independent Project in Art. (3)

A, Graphic Design/Illustration; B, Studio Art. Enrollment by permission of Department Chair of Art and Design.

An advanced studio experience designed to further explore the art media. Written project proposal required prior to enrollment.

ART 491 Supervised Independent Research in Art. (3)

Enrollment by permission of Department Chair of Art and Design.

In-depth research on a specific subject from art history or art criticism. A final research paper is required. Written research proposal required prior to enrollment.

BIOLOGY (BSB)

BSB 101 General Biology I. (3)

Lecture.

An introductory course designed to provide an overview of the following topics in biology: the scientific method, evolution, classical genetics, molecular genetics and biochemistry, mutations and molecular evolution, and population genetics. It is strongly recommended that BSB 101 be taken before BSB 102.

BSB 101L General Biology I Laboratory. (1)

Prerequisite or concurrent enrollment: BSB 101.

A laboratory course designed to complement lectures presented in Biology 101.

BSB 102 General Biology II. (3)

Lecture.

An introductory course designed to provide an overview of the following topics in biology: cell structure, phylogeny, physiology, and ecology. It is strongly recommended that BSB 101 be taken before BSB 102.

BSB 102L General Biology II Laboratory. (1)

Prerequisite or concurrent enrollment: BSB 102.

A laboratory course designed to complement lectures presented in Biology 102.

BSB 120 Human Physiology. (4)

Lecture. Biological Sciences majors must have permission of the Sciences and Mathematics Department Chair.

A lecture course dealing with the function of each system of the human body, with emphasis on homeostatic mechanisms. Introductory material also covers the molecular, cellular and tissue levels of organization.

BSB 121 Human Anatomy. (4)

Lecture-Laboratory. Biological sciences majors must have permission of the Sciences and Mathematics Department Chair.

A study of the gross structure of all systems of the human body with emphasis on the skeletal and muscular systems. Articulated and disarticulated skeletons, charts, models and preserved material are studied in the laboratory.

BSB 201 Humans: Origins and Ecology. (3)

May be used by non-science majors as a laboratory science if taken concurrently with BSB 102L.

An introductory course with emphasis on humans as a biological species, human evolution from early primates, and human ecology with considerations of populations, resource depletion, and waste production/pollution.

BSB 230 General Genetics. (4)

Lecture-Laboratory. Prerequisite: BSB 101, 102 (w/labs).

An introduction to the study of the transmission and expression of genetic information. Studying molecular genetics (replication, mutation, repair, and expression of genetic material) will provide the basis of understanding of Mendelian, cellular, and population genetics. Material will include discussion of historical experiments important to the development of the field and of ethical issues raised by modern genetic technologies. This course will prepare students for more advanced topics, e.g. BSB 332 Cellular and Molecular Biology, BSM 452 Immunology, and BSB/PSC 467 Biochemistry.

BSB 251 General Botany. (4)

Lecture-Laboratory. Prerequisite: BSB 101, 102 (w/labs).

A study of the comparative structure, function, and ecology of organisms that have traditionally been treated as members of the Plant Kingdom, including algae, fungi, bryophytes, and vascular

plants. Particular attention will be paid to the ecological, economic, and medical importance of the groups studied.

BSB 303 Comparative Anatomy. (4)

Lecture-Laboratory. Prerequisite: BSB 101, 102 (w/labs).

Comparative anatomy of the organ systems of representative vertebrate animals with emphasis on evolutionary trends in structure.

BSB 310 General Ecology. (4)

Lecture-Laboratory. Prerequisites: BSB 101, 102 (w/labs); BSB 230 or BSM 241 and MA 123 recommended.

A study of basic ecological principles and methods, ecosystems, communities, populations, evolutionary ecology, applications to human ecology, and selected current research topics. Saturday field trips may be planned.

BSB 313 Methods and Materials in the Teaching of Science in the Secondary School. (3)

Only open to students admitted to Teacher Education. This course is taught concurrently with PS 313.

This course is designed to give the student a knowledge of methods in the teaching of science in junior and senior high school. Emphasis will be placed on practical applications, such as laboratory preparation and safety, animal care and handling, and teaching and classroom management. Each student will have the opportunity to do some teaching in the general biology laboratories at MUW. Students will also review current reference materials on science teaching, as well as state adopted textbooks in biology.

This course does not count toward fulfillment of the requirements for the Biology major. It is for teacher certification only.

BSB 322 Animal Physiology. (4)

Lecture-Laboratory. Prerequisites: BSB 101,102 (w/labs) and PSC 111, 112 (w/labs).

An advanced animal physiology lecture and laboratory course that stresses principles and mechanisms of animal function. Emphasis is on the physiology of a wide spectrum of animals, both invertebrate and vertebrate, with attention given to molecular, cellular and organismic levels.

BSB 332 Cellular and Molecular Biology. (4)

Lecture-Laboratory. Prerequisites: BSB 101,102 (w/labs), BSB 230 or BSM 241, and PSC 111,112 (w/labs).

A one-semester survey emphasizing various molecular pathways necessary to cell functioning, including protein sorting, cell-signaling, cell cycle control, and apoptosis. This course also highlights selected techniques and tools of molecular biology used in experiments relating to the topics covered.

BSB 351 Plant Physiology. (4)

Lecture-Laboratory. Prerequisites: BSB 101w/lab, 102 w/lab, and PSC 111 w/lab. Prerequisite or corequisite: PSC 112 w/lab. BSB 251 recommended.

A study of the life processes of green plants. Topics such as photosynthesis, on every level from the molecular to the ecological; transport of water and solutes; nitrogen fixation; and the physiology of stages of development from seed germination to senescence will be examined.

BSB 367 Invertebrates. (4)

Lecture-Laboratory. Prerequisites: BSB 101,102 (w/labs).

A comparative study of the major groups of marine, freshwater, and terrestrial invertebrate animals with emphasis on structure, life histories, ecology, and distribution. Laboratories will involve identification of specimens, anatomical studies, and occasional field trips.

BSB 368 Vertebrates. (4)

Lecture-Laboratory. Prerequisites: BSB 101,102 (w/labs); BSB 303 recommended.

An introduction to the classes of living vertebrates, with emphasis on classification, morphology and natural history. Laboratories will involve identification of specimens, anatomical studies, and occasional field trips.

BSB 405 Insect Biology. (4)

Lecture-Laboratory. Prerequisites: 12 credits of BSB and/or BSM courses at the 200 level or above.

A study of the comparative anatomy, physiology, ecology, diversity, evolution, behavior, and development of insects. An emphasis will be placed in using insects as experiments, dissections, collection, and identification of specimens.

BSB 408 Animal Behavior. (4)

Lecture-Laboratory. Prerequisites: 12 credits of BSB and/or BSM courses at the 200 level or above.

A comparative study of animal behavior with major emphasis on evolutionary, developmental, physiological, genetic, and ecological aspects of vertebrate and invertebrate animal behavior.

BSB 453 Developmental Biology. (4)

Lecture-Laboratory. Prerequisites: BSB 101, 102 (w/labs); BSB 303 strongly recommended.

General principles of development with special emphasis on fertilization, cleavage, germ-layer formation and organogenesis. The laboratory consists of embryological studies of Amphioxus, frog tadpole, chick, and pig, with emphasis on experimental analysis of living material.

BSB 454 Parasitology. (4)

Lecture-Laboratory. Prerequisites:, BSB 101,102 (w/labs), BSM 131 or BSM 240, BSB 120 or 322.

A study of the parasitic protozoa, helminths and arthropods of medical and economic importance. Emphasis will be placed on morphology, habitat, life cycles and control.

BSB 455 Pathophysiology. (3)

Lecture only. Prerequisites: BSB 120 and knowledge of basic chemistry.

A consideration of the disturbances of normal physiology, the mechanisms producing these disturbances, and the ways in which they are expressed symptomatically.

BSB 459 Histology. (4)

Lecture-Laboratory. Prerequisites: BSB 101 w/lab, BSB 102 w/lab, and 12 credits of BSB or BSM at the 200-level or above.

A study of the structure, ultra-structure and function of mammalian tissues, cells and organelles, with major emphasis on microscopic work in the laboratory.

BSB 467 Biochemistry. (4)

Lecture-Laboratory. Prerequisites: BSB 101, 102 (w/labs), PSC 211, 212 (w/labs); BSB 230 or BSM 241 highly recommended.

A one semester survey of biochemistry emphasizing protein biochemistry (protein structure and activity, enzyme kinetics, catalytic and regulatory strategies, metabolic pathways) and introducing physical and chemical properties of carbohydrates, lipids, and nucleic acids as necessary to understand protein form and function.

BSB 485 Special Topics in Biology or Microbiology. (2-3)

Prerequisites: Junior standing in Biological Sciences and permission of the Sciences and Mathematics Department Chair.

In-depth considerations of selected biological topics presented as a formal course or seminar format. A term paper may be required. May be repeated for a maximum of six hours credit.

BSB 499 Independent Study in Biology or Microbiology. (1-3)

Prerequisites: Junior or Senior standing in Biological Sciences, successful completion (grades of C or better) of a least 24 hours of course work in the biological sciences, and permission of the Sciences and Mathematics Department Chair.

Individualized descriptive or experimental research projects or directed readings under the direction of a project director and two other faculty committee members appointed by the Sciences and Mathematics Department Chair. A written report must be approved by the committee. May be repeated for up to six hours credit.

BS 400 Senior Seminar. (2)

Seminar-Discussion. Prerequisites: BSB 101, 102, 230 or BSM 241. Prerequisites or concurrent enrollment: BSB 310, 322, 332 (except for biology with teacher certification majors), senior standing, and successful completion (grade of C or better) of at least 28 semester hours of BSB and/or BSM courses.

A seminar-style course with emphasis on three areas of the biological sciences: Cellular/Molecular, Genetics/Evolution, and Organismal/Environmental. Pertinent books and articles will be discussed which integrate the biological sciences at its different levels, with emphasis on broad-scale and critical thinking, general integrative themes, scientific method, history of science, and human connections.

MICROBIOLOGY (BSM)**BSM 131 General Microbiology. (3)**

Lecture. Prerequisite: PS 108, PSC 111 or high school chemistry.

A study of the fundamental concepts and methods of microbiology, including morphology, physiology, biochemical activities, inheritance, basic immunology, and importance in medicine, public health and the environment.

BSM 131L General Microbiology Laboratory (1)

Prerequisite or concurrent enrollment: BSM 131 lecture.

A laboratory course designed to complement lectures in BSM 131

BSM 240 Microbiology for Majors. (4)

Lecture-Laboratory. Prerequisites: BSB 101, 101L, PSC 111, 111L, and EN 101.

A comprehensive study of microbial cell physiology, genetics, development and cell ultra-structure with an emphasis on the role of microorganisms in medicine, agriculture, the environment, evolution and in industry.

BSM 241 Microbial Genetics. (4)

Lecture - Laboratory. Prerequisites: BSB 101 w/lab and 102 w/lab. BSM 240 w/lab recommended.

An introduction to the transmission and expression of genetic information in bacteria and other microorganisms. An emphasis will be placed on the molecular bases of gene replication, gene repair, gene regulation, gene expression, gene recombination, and gene swapping in bacteria. This course will prepare students for advanced courses involving the molecular aspects of microbial functioning.

BSM 342 Food Microbiology. (4)

Lecture - Laboratory. Prerequisite: BSM 131 (w/lab) or 240 (w/lab).

A course designed to provide the student with first-hand knowledge and experience in isolating, handling, and identifying microorganisms associated with food spoilage, food production, and food-borne diseases.

BSM 452 Immunology. (4)

Lecture. Prerequisites: PSC 111, 111L, BSM 240, and either BSB 230 or BSM 241.

A study of modern concepts of host defense mechanisms with emphasis on how immunoglobulins are produced, as well as the processes of cellular immunity.

BSM 456 Pathogenic Microbiology. (4)

Lecture-Laboratory. Prerequisites: BSM 240 (w/lab); BSB 120 or 322.

Examination of the etiology, symptomatology, diagnostic and therapeutic procedures employed in the isolation and identification of medically significant microorganisms, with consideration of some aspects of their virulence and their effects on man.

BSM 485 Special Topics in Biology or Microbiology. (2-3)

Prerequisites: Junior standing in Biological Sciences and permission of the Sciences and Mathematics Department Chair.

In-depth considerations of selected biological topics presented as a formal course or seminar format. A term paper may be required. May be repeated for a maximum of six hours credit.

BSM 499 Independent Study in Biology or Microbiology. (1-3)

Prerequisites: Junior or Senior standing in Biological Sciences, successful completion (grades of C or better) of a least 24 hours of course work in the biological sciences, and permission of the Sciences and Mathematics Department Chair.

Individualized descriptive or experimental research projects or directed readings under the direction of a project director and two other faculty committee members appointed by the Sciences and Mathematics Department Chair. A written report must be approved by the committee. May be repeated for up to six hours credit.

BUSINESS (BU)

BU 157 Information Systems Using Microcomputers. (3)

Prerequisite: The ability to type 25 words per minute with no more than five errors. This course cannot be used as a business elective for business or accounting majors.

An introduction to application software (word-processing, presentation graphics, and spreadsheet). Emphasis is placed on microcomputer use in a business setting.

BU 160 Spreadsheet Applications. (3)

Prerequisite: BU 157 or documented spreadsheet skills.

Coverage of intermediate and advanced computer application techniques such as spreadsheets, graphs, templates, databases, and macros.

BU 201 Principles of Economics I. (3)

Prerequisite: MA 113 or higher

Intended for the student who wants a study of our economic system and the way it works. Topics include macroeconomic issues, money and banking, Federal Reserve System, Keynesian Theory, monetarism, inflation, unemployment, business cycles, fiscal policy and current economic problems.

BU 202 Principles of Economics II. (3)

Prerequisite: MA 113 or higher

Intended for the student who wants a study of our economic system and the way it works. Topics include microeconomic issues, consumer choice, business firms, perfect competition, monopoly, labor markets, agriculture, antitrust, public choice, poverty and current economic problems.

BU 211 Principles of Accounting I. (3)

Prerequisite: MA 113. Prerequisite or concurrent enrollment: BU 160.

Fundamental principles of accounting as they apply to modern business practices, including theory of debits and credits, special journals, general and subsidiary ledgers, accrued and deferred items, valuation accounts, financial reports; sole proprietorships of service and merchandising nature.

BU 212 Principles of Accounting II. (3)

Prerequisite: BU 211. Prerequisite or concurrent enrollment: BU 160.

A continuation of Business 211 with emphasis on partnerships and corporations, using external accounting information, and management accounting and internal decision making.

BU 240 Personal Finance. (3)

This course is designed to cover the basic concepts of personal finance. This course informs students about the financial planning process including setting goals, career planning, money management, tax strategy, credit, savings, housing and transportation choices, insurance fundamentals of investing, and planning for retirement.

BU 280 Introduction to Entrepreneurship and Small Business. (3)

An introductory entrepreneurship course designed to provide an overview of the startup and growth of a small business. Students will learn how to recognize opportunity, develop a business concept, and determine its feasibility. Attention will also be given to financing and managing a small business

BU 294 Introduction to Information Systems. (3)

Content to cover fundamental MIS concepts and principles, such as computer hardware/software, data organization, file management systems, overviews of database systems, decision support systems, executive information systems, expert systems, and information systems planning and development.

BU 295 Application Program Development I. (3)

Prerequisite: BU 294.

Program design and development using languages that are current by Information Systems industry standards. Development of business application software for data entry, editing and validation, maintenance of file structures, inquiry, extraction, and reporting activities. Coverage of advanced language features associated with structured and object-oriented programming in both batch and interactive processing environments.

BU 296 Application Program Development II. (3)

Prerequisite: BU 294.

Program design and development using languages that are current by information systems industry standards. Development of business application software for data entry, editing and validation, maintenance of file structures, inquiry, extraction, and reporting activities. Coverage of advanced language features associated with structured and object-oriented programming in both batch and interactive processing environments.

BU 298 Data Structures. (3)

Prerequisite: BU 294.

An introduction to the fundamental theories and practices associated with data, record, and file structure methodologies as used by Information Systems in the business environment. Topics include: concepts in sequential, direct, and indexed file structures; concepts in database structures; and introduction into the application and maintenance of both traditional, relational, and object-oriented database structures.

BU 299 Special Topics in Business. (1-3)

Courses taught at irregular intervals or upon the demand of at least 10 students; course developed to meet special needs, times or current relevant topics in the business area.

BU 305 Government and Nonprofit Accounting. (3)

Prerequisite: BU 212.

Emphasizes the proper accounting for nonprofit entities which include governmental units, schools and universities, hospitals, and health and welfare organizations. The use of funds, budgetary controls, encumbrances, modified accrual accounting, financial reporting, and other special areas unique to governmental and nonprofit accounting are covered.

BU 310 Intermediate Accounting I. (3)

Prerequisite: BU 212.

Cash and receivables, inventories, tangible operating assets, intangibles, investments, liabilities, reserves and valuation accounts, net income determination, and financial statements emphasized.

BU 311 Intermediate Accounting II. (3)

Prerequisite: BU 310.

Investments, liabilities, revenue recognition, stockholders' equity, accounting changes and error analysis, the statement of cash flow and financial statement analysis. Continuation of BU 310.

BU 312 Tax Accounting I. (3)

Prerequisite: BU 212.

Analysis of federal income tax legislation concerning individuals. Computer software is used for application.

BU 315 Cost Accounting I. (3)

Prerequisite: BU 212.

Elements of production in a manufacturing type of business, including materials, labor, and overhead as they apply to the job cost system, the process cost system and the standard cost system.

BU 316 Cost Accounting II. (3)

Prerequisite: BU 315.

Fundamental techniques of cost developed and the scope of applicability broadened. Standard costs comprehensively treated with emphasis on cost control and product costing. Continuation of BU 315.

BU 320 Database Applications. (3)

Prerequisites: BU 160, prerequisite or concurrent enrollment in BU 294, or permission of the Department Chair of Accounting and Management Information Systems.

Coverage of intermediate and advanced database application techniques such as the design of tables, forms, and reports, and the use of queries, subforms, macros, and modules.

BU 322 Web Development for Business. (3)

Prerequisite: BU 157 or BU 160; or Permission of the Department Chair of Accounting and Management Information Systems.

Designed to highlight the use of electronic commerce applications and virtual storefronts used by organizations to market themselves and their products to the public. Students will learn a variety of tools and techniques used to develop web pages for the business environment and will apply this knowledge in the design and development of websites for local businesses and organizations.

BU 333 Organizational Communication. (3)

Prerequisites or concurrent enrollment: EN 300 and basic keyboarding skills.

Written business communication with emphasis upon correspondence, messages and analytical reports. Multicultural communication, technology usage, business presentations, and ethical considerations are also covered.

BU 340 Financial Markets and Institutions. (3)

Prerequisites: BU 201, 202, 212.

Study of money and monetary systems, commercial banks and their operations, and banking systems. It serves two functions. First, it is a specialized finance course which describes the operations of a commercial bank (which is one type of financial institution) and provides some professional training for one who wants to go into the field of banking. Second, it describes the institutions of money, monetary systems, and banking as a basis for studying monetary and fiscal theory and policy.

BU 345 Advanced Statistical Analysis for Business. (3)

Prerequisites (with a grade of C or better): MA 123; prerequisite or concurrent enrollment in BU 160; and two of the following: MA 113, 130, 150, 181 or higher.

An advanced course in business statistical methods that reviews hypothesis testing and estimation. Chi-square, analysis of variance, non-parametric concepts, index numbers and time series data, independent linear regression, and forecasting are also covered. Computer statistical packages will be used.

BU 355 Business Finance. (3)

Prerequisites: BU 201, 202, 212, 345

An examination of basic problems and principles in financial management with special attention to corporate organizations. Asset management, sources of funds, application of the financial aspects of the enterprise.

BU 361 Principles of Marketing. (3)

Prerequisites: BU 211; BU 201 or BU 202.

A study of the functions, institutions and organizations through which goods are moved from producer to consumer. Designed to present a broad understanding of the flow of goods in commerce.

BU 363 Integrated Marketing Communications. (3)

Prerequisite: BU 361

Designed to introduce the student to the various elements of the promotional mix and how they may be used in an integrated fashion to produce a cohesive marketing message. Integrated Marketing Communications (IMC) strategies using public relations, advertising, direct and online marketing, personal selling, and sales promotion and how they support marketing objectives will be addressed.

BU 365 Retail Management. (3)

Prerequisite: BU 361 or permission of the Department Chair.

A study of the organization and coordination of retailing and distribution activities. An advanced marketing course, retail management will be addressed with a strategic planning orientation. Special attention to the history of retailing, economic importance of retailing activity, ethical practices and international retailing.

BU 370 Consumer Behavior. (3)

Prerequisite: BU 361.

Analysis of consumer behavior patterns as they relate to consumer actions and decision making processes in the marketplace.

BU 371 International Business Seminar. (3)

Prerequisite: Junior standing or approval of the Department Chair.

The economic, political, and cultural aspects of international business operations.

BU 375 Sales Management. (3)

Prerequisite: BU 361 or permission of the Department Chair.

An advanced marketing course designed to familiarize students with the sales function in an organization and the corresponding management challenges. Topics include: sales strategy, motivation and reward systems, and evaluating sales performance. Emphasis will be placed on professional activity, ethical behavior, and organizational effectiveness.

BU 381 Principles of Management. (3)

Prerequisites: BU 211; BU 201 or 202.

Principles and techniques for operating an organization with emphasis on planning, organization, leadership, decision-making, controlling performance, ethics, and international environment.

BU 382 Organizational Behavior. (3)

Prerequisite: BU 381.

A study of manager, individual and group interactions within the organizational setting concluding with an analysis of leadership and current developments in changing behavior of organizations.

BU 384 Strategies for the Managerial Woman. (3)

Development of skills to assume managerial positions with clear-cut goals and well-defined strategies for achieving objectives. Emphasis upon professional growth, career advancement, resume building, and balancing personal and career challenges. Also listed as WS 384.

BU 385 Operations/Production Management. (3)

Prerequisite: BU 345 and 381.

Survey of the production/operations function; procedures and techniques used in designing and analyzing operation systems for the production of goods and services consumed by society.

BU 390 Issues in Systems Planning. (3)

Prerequisite: BU 294.

Topics will be chosen from areas of current interest. Discussion of topics such as disaster recovery, interorganizational information systems and management of end-user computing.

BU 396 Systems Operations Management. (3)

Prerequisite: BU 294.

An introduction to the fundamentals of managing computer systems, networks, and telecommunication operations. Students will receive instruction in lectures and then apply their knowledge in a hands-on lab by installing computer equipment and telecommunications hardware, and by identifying and resolving problems related to hardware operations.

BU 398 Network Operations Management. (3)

Prerequisite: BU 294.

An advanced course in the management of network operating system and telecommunication software. Students will receive instruction in lectures and then apply their knowledge in the management of networks in a hands-on lab by installing and maintaining a variety of computer software.

BU 399 Special Topics in Business. (1-3)

Courses taught at irregular intervals or upon the demand of at least 10 students; course developed to meet special needs, times or current relevant topics in the business area.

BU 400 Internship. (3)

Prerequisites: Advanced standing, 2.5 GPA overall and in major.

A practical, structured program of work experience with a participating employer. Interns must be employed a minimum of 120 hours, must be supervised by the employer and a faculty member, and must have a tangible academic component (journal, research paper, portfolio, etc.) which should be submitted at the

end of the internship period. Internship may be taken twice for a total of 6 hours.

BU 404 Human Resource Management. (3)

Prerequisite: BU 381.

Objectives, functions, and organization of personnel programs. Emphasizes education and training selection and placement, job evaluation, employee service, employee relationships, safety and health, industrial relations and personnel research.

BU 406 Accounting Information Systems. (3)

Prerequisite: BU 310.

Basic issues of how accounting information systems perform generally recognized financial and managerial accounting functions. Includes some fundamental principles of computer science and systems development.

BU 407 Advanced Accounting I. (3)

Prerequisite: BU 311.

Theory and problems in partnership formation, operation and dissolution; accounting for pensions and leases; accounting for government units; and introduction to consolidation accounting.

BU 408 Advanced Accounting II. (3)

Prerequisite: BU 407.

Theory and problems relating to consolidations and mergers. Introduction to parent-subsidiary relationships. Preparation of consolidated financial statements. Theory and practice as applied to foreign currency.

BU 412 Auditing. (3)

Prerequisite: BU 406.

Theory and application of general principles of auditing; development of analytical knowledge necessary to perform a critical examination of the balance sheet and closely related income statement accounts; completion of detailed audit problems and/or cases.

BU 460 Senior Seminar in Business. (3)

Prerequisites: Business major or minor and senior standing or approval of the Department Chair.

Examines the most significant forces in the environment of business organizations to understand how they are changing the managerial job and modifying the role of business in society. Current issues, including social responsibility, ethics, globalization, consumerism, and the changing internal face of organization life are studied via case analyses.

BU 464 Tax Accounting II. (3)

Prerequisite: BU 312.

Analysis of tax legislation concerning partnerships, corporations, and estates. Includes preparation of corporate and partnership tax returns, tax planning, use of tax services, sources of the tax laws, and research in taxation.

BU 465 Managerial Accounting. (3)

Prerequisite: BU 212 and all lower level requirements completed.

A study of accounting as an aid to management decisions, the use of accounting techniques, reports, analysis and interpretations for decision-making, and an introduction to the systems concept of

management and accounting. Accounting majors cannot take this course to satisfy the accounting elective requirement.

BU 470 Systems Analysis and Design. (3)

Prerequisites: BU 294, 298.

Overview of the system development life cycle. Emphasis on current system documentation through use of classical and structured tools and techniques for describing data flows, data structures, file designs, input and output designs, and program specifications. Discussion of information gathering and reporting activities and transitions into systems analysis and design.

BU 475 Selected Applications in MIS. (3)

Prerequisite: BU 294 or approval of permission of the Department Chair.

Topics are based on current industry requirements. Coverage of topics relevant to business in today's electronic environment. The course material will address the application of current technology in a hands-on lab setting.

BU 482 Database Program Development. (3)

Prerequisite: BU 320 and prerequisite or concurrent enrollment in BU 470.

An introduction to program development in the database environment with an emphasis on the analysis, design, and implementation of relational databases will be covered. Emphasis will be placed on giving students hands-on experience in loading, modifying, and querying various databases.

BU 486 MIS Projects. (3)

Prerequisites: BU 470, 482.

A capstone project-based course to allow students to perform systems analysis, design, and implementation in a real world setting.

BU 487 Entrepreneurship Projects. (3)

Prerequisites: BU 355, 361, 381, or permission of the Department Chair of Business Administration.

A capstone, project-based course that will focus on developing a comprehensive business plan. Emerging and varying entrepreneurial business issues and practices will be covered.

BU 490 Marketing Management. (3)

Prerequisite: BU 361.

The study and analysis of marketing theory and concepts designed to develop a background for systematic analysis of contemporary marketing problems. Emphasis is placed on decision making related to such areas as product, place, price, and promotion.

BU 495 Marketing Research. (3)

Prerequisites: BU 345, 361, and senior standing.

Principles, techniques and applications of research in marketing. Emphasis is placed upon sources of information and its analysis in decision making as it relates to marketing problems.

BU 497 Strategic Management. (3)

Prerequisite: Senior standing in major; minimum grade of "C" in the following: BU 333, 355, 361, 381, 385.

Using the case method, this course is designed to integrate the knowledge acquired in other courses and use it to formulate

business policies. This is a capstone course that simulates a real business situation.

BU 499 Special Topics in Business. (1-3)

Course taught at irregular intervals or upon demand of at least 10 students; course developed to meet special needs, times or current relevant topics in the business area.

CULINARY ARTS (CA)

CA 101 Culinary Basics. (1)

Basic culinary techniques and vocabulary; kitchen organization and operation.

CA 102 Bread Baking. (1)

Prerequisite: CA 101.

Basics of baking yeast and quick breads.

CA 103 Pastries and Desserts. (1)

Prerequisite: CA 101.

The preparation of pastries and desserts.

CA 104 Meats and Fish. (1)

Prerequisite: CA 101.

The preparation of meat and fish dishes.

CA 105 Cold Foods. (1)

Prerequisite: CA 101.

The preparation of cold foods (garde manager).

CA 106 Soups, Stocks, Sauces and Gravies. (1)

Prerequisite: CA 101.

Basic soups, stocks, sauces, and gravies used in food preparation.

CA 107 Regional Cuisines. (1)

Prerequisite: CA 101.

The preparation of regional world cuisines including Italian, Southwestern, Asian, Creole/Cajun, Mediterranean, and Indian.

CA 108 Nutrition/Healthy Foods. (1)

Prerequisite: CA 101.

A basic understanding of the role of proper nutrition and application to the preparation of healthy foods.

CA 109 Vegetables. (1)

Prerequisite: CA 101.

The preparation of vegetable dishes.

CA 110 Potatoes, Grains and Pasta. (1)

Prerequisite: CA 101.

The preparation of potatoes, grains, and pasta.

CA 111 The Basics of Menus and Recipes. (1)

The preparation of menus and recipes, including substitutions and adaptations.

CA 112 The Basics of Entertaining. (1)

Basic elements of entertaining—beverage selection, table settings, food display, table etiquette.

CA 115 Wine Appreciation. (1)

An exploration of wine history and wine making techniques combined with sensory development and an analysis of wines from around the world.

CA 125 ServSafe®. (1)

Food safety training leading to national ServSafeAE Certification.

CA 199 Selected Topics. (1-3)

Selected topics courses address specific subjects or contemporary issues in culinary arts. Course may be repeated up to a maximum of six (6) credit hours.

CA 200 Introduction to Culinary Arts. (3)

Career options in culinary arts and the food and hospitality industry; introduction to kitchen operation and cuisines, food history, food safety and sanitation.

CA 260 Introduction to Culinary Entrepreneurship. (3)

Basic application of fundamental entrepreneurial skills in a culinary-specific environment.

CA 300 Food Preparation I (with laboratory). (5)

Prerequisite: CA 200.

Techniques used in cooking; food identification, handling, and preparation; preparation of soups, stocks and sauces; basics of baking; salad preparation; pasta and grains.

CA 301 Food Preparation II (with laboratory). (5)

Prerequisite: CA 300.

Intermediate level of food preparation — meat fabrication; basic charcuterie; smoked products; plate presentation; meal planning for large groups and off-premise catering.

CA 310 Dining Room Services. (3)

Prerequisite: CA 200. Concurrent enrollment in CA 300 recommended.

Food service preparation for dining services, history of food service, beverage identification and management as well as staff coordination.

CA 315 Demonstration Techniques. (3)

Focuses on adequate knowledge and skills necessary for presenting, demonstrating and merchandising various items or procedures.

CA 350 Internship. (6-12)

Prerequisites: CA 301 and recommendation of the Director of the Culinary Arts Institute. Supervised application of knowledge and skills in a food service program.

CA 361 Accounting and Finance for Culinary Ventures. (3)

Prerequisite: MA 113, BU 157, and CA 260.

Principles and practical application of culinary financial data to the flow of the accounting cycle for production of financial statements. Emphasis on stand-alone culinary enterprises.

CA 362 Business Law for Culinary Entrepreneurs. (3)

Prerequisite: CA 200, CA 260.

Study of entrepreneurial legal issues in a culinary industry context. Stresses critical thinking skills, organizational structure, and provides an overview of basic legal issues.

CA 363 Culinary Service Design and Management. (3)

Prerequisite: CA 200, 260, 310.

Food and beverage service systems design and management. Emphasis on the customer service aspect of culinary ventures from the perspective of organizational management.

CA 364 Culinary Venture Marketing. (3)

Prerequisite: CA 260.

Study of the fundamentals of marketing research, planning, and strategy as applied to culinary ventures. Emphasis on the development of market planning and research skills.

CA 365 Applied Human Resource Management for Culinary Businesses. (3)

Prerequisite: CA 200, 260.

Applied perspective of human resource management for culinary-specific environments.

CA 375 Advanced Baking. (3)

Prerequisite: CA 300.

The theory and practice of operating a small bakery or pastry shop. Provides experience in producing French and American pastries and baked goods. Emphasis is on producing products from scratch, by hand.

CA 399 Selected Topics in Culinary Arts. (1-3)

Prerequisites: Junior standing and approval of the Director.

Selected topics courses address specific subjects or contemporary issues in culinary arts. Course may be repeated up to a maximum of 12 credit hours.

CA 400 Food Preparation III (with laboratory). (5)

Prerequisite: CA 301.

Advanced level of food preparation; emphasis on distinctive and complex food preparations; extensive menu-based meal planning and presentation.

CA 401 World Cuisines. (3)

Prerequisite: CA 301.

Regional cuisines from throughout the world and application of cooking methods used in these cuisines including distinctive ingredients and approaches to food preparation.

CA 410 Business Skills in the Culinary Arts . (3)

Prerequisite: BU 157, 160 or MA 123.

Basic business skills and business mathematics applied to the food industry.

CA 415 Food Styling. (3)

Prerequisites: ART 103, 104, 220 or permission of the Director of the Culinary Arts Institute.

Concepts and techniques for food presentation to the camera, including styling techniques; the process of preparing food for still photography and videos; selecting tools and props; choosing and treating ingredients for presentation and endurance; and bringing the plate to camera readiness; food styling problems related to photography. Requires the development of a food styling kit.

CA 450 International Internship. (6-12)

Prerequisites: CA 301, 401 and recommendation of the Director of

the Culinary Arts Institute.

Supervised application of knowledge and skills in a food service program in an international setting.

CA 451 Independent Study. (3)

Prerequisites: Senior standing and approval of the Director of the Culinary Arts Institute.

For culinary arts majors pursuing a minor in nutrition/wellness, the declaration of the minor is also required. Original or independent study and research in selected topics related to the field of culinary arts and the student's career objectives.

CA 460 Seminar in Culinary Entrepreneurship. (3)

Prerequisite: All other courses in the Culinary Entrepreneurship curriculum.

Capstone course in culinary entrepreneurship. Emphasis on case analysis and the development and presentation of a comprehensive culinary business plan.

CA 490 Gender and Culinary Entrepreneurship. (3)

Prerequisite: CA 260 and BU 160 or MA 123.

Exploration of the economic and cultural contexts of gender in the culinary marketplace. Specific attention will be given to women's roles and spheres of influence in business today, with a view towards the future of women-led culinary enterprises.

CA 492 Service Business Operations and Strategy. (3)

Prerequisite: MA 123 or BU 160 and CA 260.

Provides the context for studying operations management in service industries. Course content organized around service economy, competition, delivery and quantitative analysis tools.

CA 499 Selected Topics in Culinary Entrepreneurship. (1-3)

Prerequisite: CA 200, 260 or concurrent enrollment in CA 363 and 365.

Addresses specific subjects or contemporary issues in culinary entrepreneurship.

COMMUNICATION (COM)

COM 101 Oral Communication. (3)

Introduction to the principles and practices of basic oral communication. Modification of existing behavior and/or the addition of new skills necessary in everyday interpersonal and public communication situations. Open to all students.

COM 102 Introduction to Mass Communication. (3)

A survey of the mass media, including principles, practices, development, history, and place in society. Open to all students.

COM 103 Introduction To Media Technology. (3)

Laboratory and demonstration. Audio and video equipment operation and production techniques including an introduction to digital photography. Primary emphasis on basic television production techniques and video streaming technology. Open to all students.

COM 200 Writing for the Media. (3)

Prerequisites: EN 101 and BU 157 or higher computer-based course.

A foundation course in news gathering and writing for print and broadcast media including newspapers, magazines, radio,

television, advertising, and public relations. Practical applications on radio station WMUW and campus newspaper, The Spectator.

COM 201 Interpersonal Communication. (3)

Prerequisite: COM 101.

An analysis of the fundamentals of interpersonal communication and small group principles and practices.

COM 204 Announcing for the Media. (3)

Prerequisites: COM 101, 103.

Study, practice, and application of basic announcing techniques for radio and television.

COM 250 Newsgathering. (3)

Prerequisites: COM 103 and COM 200.

An advanced course in newsgathering and writing for print and digital media with a particular focus on convergence-based journalism. Students will prepare news content for multiple media platforms. Students are required to prepare content for both the print and online versions of campus newspaper, The Spectator, and radio station WMUW.

COM 210 Media Advertising, Management & Sales. (3)

Prerequisite: COM 200 or BU 333 for business majors.

Survey of contemporary advertising's core components from initial concepts to final advertising executions, distinguishing the diversity in marketing, promotion and public relations specialization. Theoretical approaches will include persuasive campaigns, writing platforms for all media, and discussion of legal, regulatory, social and public policy environments of modern advertising. Practical applications will be enhanced specifically through selling advertising for campus newspaper, The Spectator (print and online versions), as well as through projects including integrated computer applications.

COM 299 Special Topics in Communication. (1-3)

Prerequisite: Permission of the Department Chair of Communication.

This course allows flexibility in offering selected topics in Communications. May be repeated for a maximum of six hours.

COM 303 Images of Women in Film. (3)

An examination of how women have been depicted on celluloid in both American and international films, from the early silents to today's liberated cinema. Emphasis is placed on the student's ability to evaluate the presentation of women in these films, based within the context of the society and the era that produced individual films as well as the place of women within a traditionally male-dominated commercial business industry, and how that presentation has evolved since the early days of the cinema. Also listed as WS 303.

COM 307 Advanced Writing for the Media. (3)

Prerequisite: COM 200.

Survey of principles and concepts regarding in-depth reporting, how to gather information from sources, how to observe and adequately parlay those observations in writing, how to verify material and how to assemble stories for several mediums, including print, broadcast, public relations, web media. Theoretical discussions regarding journalism morality, copyright issues and

other media law aspects. Practical applications will focus on writing articles for *The Spectator* and other news sources.

COM 310 Digital Culture. (3)

Prerequisite: COM 102 and COM 200.

This course examines the development, uses, and effects of digital technology on culture.

COM 320 Mass Communication and Society. (3)

Prerequisite: COM 102 and COM 200.

Basic principles and theories of mass communication and public opinion. Open to all students.

COM 325 Visual Design. (3)

Prerequisite: BU 157 or higher computer-based course.

Course addresses visual literacy in both theory and practical application. Theoretical approaches to visual perception, ethical issues related to images and copyright issues are enhanced by traditional practical applications to include media print products (fliers, folders, booklets, magazines and newspapers) as well as multimedia production and editing of publications. Students will use 35mm photography, digital photography, and software applications necessary to address the visual elements of integrated design.

COM 331 Audio Production. (3)

Prerequisites: COM 103, 200, 204.

An audio production course with emphasis on production of announcements and programs. Particular attention given to program content, aesthetics, as well as programming practices in commercial and non-commercial radio in light of competing and emerging media. Practical application on campus radio station WMUW.

COM 400 Practicum. (1)

Prerequisite: 12 hours in Communication and permission of the Department Chair of Communication.

Practical experience will be gained through assigned work with WMUW, the university radio station, *The Spectator*, the campus newspaper, and other campus labs or offices such as the Public Affairs Office. This course will be repeatable for up to two hours.

COM 410 Media Law & Ethics. (3)

Prerequisite: COM 102 and 12 hours in Communication.

This course provides students with an overview of the legal and ethical environment in which mass media operate. Aspects of freedom of speech, limitations on speech, intellectual property rights, and related topics will be covered.

COM 413 Public Relations. (3)

Prerequisite: COM 200.

An overview of the principles and proven techniques in gaining public acceptance for a product, an occasion, a cause, or an institution along with governmental public affairs. Crises Management by the Public Relations Professional will be a recurring and important component. Attention is given to writing the publicity article, preparing brochures, planning promotion campaigns for selected subjects through various mass media and crises communication. Also included will be the Legal Environment and Ethics involved in Public Relations. Case studies

of practiced techniques and application of principles and ethics of public relations.

COM 425 Advanced Visual Design. (3)

Prerequisite: COM 325.

This course addresses visual literacy, project planning, and design execution in both theory and practical application with online multimedia designs. Students are introduced to advanced topics and developing issues.

COM 431 Video Production. (3)

Prerequisite: COM 331.

A production course with emphasis on producing and directing video programs as well as the business and programming practices in competing and emerging media.

COM 454 Problems in Mass Communication. (3)

Prerequisite: 12 hours in Communication and permission of the Department Chair of Communication.

Independent study. Projects will be assigned to fit student needs and/or interests. May be repeated for a maximum of six hours credit.

COM 460 Internship. (3)

Prerequisite: Advanced standing, 2.5 QPA overall and in major.

A practical, structured program of work experience with a participating employer. Interns must be employed a minimum of 120 hours, must be supervised by the employer and a faculty member, and must have a tangible academic component (journal, research paper, portfolio, etc.), which should be submitted at the end of the internship period. Internship may be taken twice for a total of 6 hours.

COM 465 Communication Senior Seminar. (3)

Prerequisite: COM 250, 310, 320, and senior standing.

Capstone course in communication that includes survey of current literature, critical analysis of international communication, and examination of issues and problems of the mass media especially relevant to students' career interests.

COM 499 Special Topics in Communication. (1-3)

Prerequisites: COM 200, advanced standing, and permission of the Department Chair of Communication.

This course allows flexibility in offering selected advanced topics in Communications. May be repeated for a maximum of six hours.

EDUCATION (ED)

ED 100 Reading For College. (3)

This course is designed to strengthen students' college level reading comprehension skills. Basic reading skills taught will include building vocabulary, selecting main ideas and supporting details, and recognizing relationships in college level writing. In addition, the critical reading skills of evaluating, analyzing, and interpreting written information will be taught. Finally, specific active reading strategies will also be taught. This course cannot be used to satisfy graduation requirements.

ED 101 Praxis Seminar (Writing). (0)

Praxis Seminar is designed for teacher education candidates who are having difficulty passing Praxis I. The course will meet for one

hour each week and will consist of individual and small group instruction in writing and English usage. Candidates may take the course as often as they wish.

ED 206 Developing Critical And Creative Thinking

in developing critical and creative thinking, which are essential skills for individuals in the world and in the classroom. Students will investigate and practice various modes of thinking to include Critical Thinking, Creative Thinking, Intuitive Thinking, Analytical Thinking, and Logic. These skills will be developed by the student to enhance personal and professional decision making and to become equipped to teach these skills in the classroom.

ED 297 The Computer and the Classroom. (3)

This course is designed to provide knowledge of the capabilities and limitations of computers and of the applications of the computer in educational settings.

ED 299 Special Topics in Education. (1-3)

The course allows flexibility in offering selected topic courses or workshops for credit.

ED 300 Education as a Profession. (3)

This course seeks to involve prospective teachers in the issues of schooling and education and to give them a clear view of the skills and knowledge they will need to be successful professionals. The philosophical foundations and history of American education, governance, finance, and ethical and legal issues are discussed. Formal application for "Admission to Teacher Education" will be made during the course.

ED 302 Art and Science of Teaching. (3)

This course focuses on preparing students to use the INTASC (Interstate New Teacher Assessment and Support Consortium) Core Standards as the basis for planning meaningful instruction, managing the classroom environment, and meeting needs of diverse learners. Candidates will practice selecting appropriate teaching methods, developing lesson plans, and using technology in the classroom. 30 hour field experience required; no exemptions will be granted.

ED 304 Principles of Early Childhood Learning. (3)

A survey of contemporary approaches, practices, and issues in early childhood education including the background history, philosophy and theory of their origins. The basics of physical, social and cognitive development will be addressed along with the increasingly diverse student population found in today's schools. Emphasis will also be placed on the interrelationship of home and community in the development of the young child.

Note: ED 305, 310, 312 and 334 must be taken concurrently.

ED 305 Teaching Mathematics in Elementary and Middle Schools. (3)

Prerequisites: MA 111, 112 (grade of C or above), ED 302, and admission to Teacher Education.

A survey of techniques needed in teaching arithmetical concepts and the four fundamental processes of whole numbers, fractions, and decimals, as well as elementary percentage, geometry, and measurement. Experiences are provided to insure competence in teaching estimation and problem solving. Stress is given to the use of these in meaningful situations for children. Special attention is

placed on the Teacher as Decision Maker in applying the Principles and Standards for School Mathematics as developed by the National Council of Teachers of Mathematics.

ED 306 Introduction to Exceptional Learners. (3)

This course includes concepts, perspectives, and guiding principles that are basic to an understanding of human exceptionality. Individual areas of exceptionality will be explored as well as issues relative to ethnic diversity.

ED 310 Teaching Social Studies in Elementary and Middle Schools. (3)

Prerequisites: Admission to Teacher Education, ED 302, must have completed all core Social Studies courses.

This course focuses on the preparation of pre-service teachers to translate knowledge and data gathering processes from history and the social sciences into appropriate and meaningful social studies experiences for students.

ED 312 Teaching Science in Elementary and Middle Schools. (3)

Prerequisites: Admission to Teacher Education, ED 302, must have completed all core Science courses.

This course focuses on the preparation of pre-service teachers to focus on academic, personal, social, and career applications of the biological, earth, space, and physical sciences—as well as concepts in science and technology, the history and nature of science, and the inquiry process scientists use, in order to develop skills in instruction that promotes understanding and positive attitudes among students.

ED 334 Methods for Teaching Reading and Language Arts in the Elementary and Middle Schools. (3)

Prerequisite: Admission to Teacher Education, ED 302, EN 101, 300.

This course is designed to provide the methods and materials for making appropriate professional decisions in teaching reading and the language arts in grades K-8. Emphasis is placed on a literature-based approach to instruction in oral and written language, spelling, handwriting and grammar.

ED 351 Educational Measurement. (3)

The purpose of this course is to examine assessment techniques, test construction, test statistics, interpretation, application, and their relationship to instructional decisions. Major attention is given to the construction of classroom assessment instruments and determination of their reliability and validity. Ethical issues of assessment, assessment needs of diverse populations, and standardized testing instruments are also examined.

ED 361 Early Literacy Instruction I. (3)

Prerequisite: ED 300.

The act of teaching is a reflective decision making process involving interactions with students, colleagues, parents and members of the community. This course is designed to introduce students to theory and best practices in literacy, concepts, materials, and teaching strategies for oral language development, and systematic early reading and writing instruction specific to concepts about print, phonemic awareness and phonics. Requires 10 hours field experience.

ED 362 Early Literacy Instruction II. (3)

Prerequisite: Minimum grade of "C" in ED 302. Required of all elementary majors.

The major emphasis of this course will be concepts, materials, and teaching strategies for oral language development and early systematic reading and writing instruction specific to vocabulary, fluency, and comprehension.

ED 365 Content Area Reading. (3)

Prerequisite: ED 300.

The purpose of this course is to introduce teacher candidates to strategies for teaching reading in the content areas. Students will be expected to demonstrate knowledge of comprehension strategies across the curriculum.

ED 366 Reading Assessment and Intervention. (3)

Prerequisites: ED 300, 361, or ED 362, or 365.

The purpose of this course is to provide teacher candidates with a strong knowledge base of various assessment methods and intervention strategies for teaching reading. Students will be expected to demonstrate the application of assessment methods and intervention strategies.

**ED 401 Student Teaching Seminar:
Classroom Management. (3)**

Prerequisite: This course is restricted to current semester student teachers or to students approved by the Teacher Education Committee.

The course is designed to provide training and in-depth study of management concepts and practices in elementary and secondary classrooms. Causes of student misconduct and remedial activities will be reviewed. Laboratory experiences will be designed to develop skills in management of/and interaction with students with diverse needs. Special attention will be given to delivery of instruction in specific teaching areas.

**Observation and Directed Teaching.
Courses 406, 407, and 409. (9)**

Full time during the Professional Semester according to the schedule of the school to which each student is assigned. To enroll in these courses, students must be officially admitted to Student Teaching.

The course provides actual teaching experience in a student teaching center under the direction of qualified classroom teachers and university supervisors. Observation and other field experience precede actual classroom teaching. Individual conferences are held by both the cooperating teacher and the university supervisor. The course is scheduled for five days each week during the Professional Semester. The last day of the Professional Semester is devoted to seminars under the direction of university supervisors, for the purpose of identifying and reinforcing points where additional information and study are needed. Student teachers will be on duty each day for the same hours required of their cooperating teacher(s). Student teachers will normally follow the calendar of the school system in which practice work is done.

ED 406 Observation and Directed Teaching Grades K-8. (9)**ED 407 Observation and Directed Teaching—Grades K-12. (9)**

ED 409 Observation and Directed Teaching in Secondary Education—Grades 7-12. (9)

ED 498 Instructional Technology. (3)

Prerequisite: ED 497 or a computer course.

This course will focus on fundamental concepts and skills for applying instructional technologies to educational settings and for making decisions regarding the most appropriate use. The instructional technologies include authoring/development software, multimedia computers, electronic presentation/projection systems, Internet access, and TV/VCR applications. This course is elective for education majors and recommended for graduate students.

ED 499 Special Topics In Education. (1-6)

(Undergraduate)

This course will be used to address major topics and issues of interest and need in the field of education. Extended studies will be conducted in professional development areas affecting the role of school in society.

Students must be admitted to Graduate Studies to enroll in courses numbered 500 or above.

ED 500 Educational Research. (3)

This course offers instruction in the basic skills of analyzing educational research, understanding various research designs, and conducting an action research study.

ED 502 Special Problems. (3)

This course meets State Department of Education requirements for renewal of certificates that have been expired for more than 5 years.

ED 503 Instructional Technology. (3)

This course will focus on fundamental concepts and skills for applying instructional technologies to educational settings and for making decisions regarding the most appropriate use. The instructional technologies include authoring/development software, multimedia computers, electronic presentation/projection systems, Internet access, and TV/VCR applications. This course is an elective for education majors and recommended for graduate students.

ED 514 The Professional Role of Educators. (3)

This course focuses on the need for educators to serve as positive change agents as they strengthen schools from within. Students will enhance their own professional development by examining their roles as leaders, scholars, researchers, student advocates, and parent/community liaisons

ED 515 Literature for the Adolescent. (3)

This course examines the needs of the adolescent reader in upper elementary grades through high school. The history of young adult literature is surveyed, and the rationale for the use of this genre with adolescent students is provided. Curriculum strategies for using young adult literature in the classroom for middle school students are identified.

ED 516 Understanding Gifted Populations. (3)

This course includes study, research and analysis of psychological characteristics, identification procedures, assessment procedures,

and learning modes of gifted populations. (Required for certification to teach gifted children in grades K-12; required course in graduate program in gifted studies).

ED 517 Methods, Materials and Resources for Teaching the Gifted. (3)

Prerequisite: ED 516.

This course is a study of program materials, curricula models and methodologies applicable to the teaching of the gifted. (Required for certification to teach gifted children in grades K-12; required course in graduate program in gifted studies).

ED 520 Foundations of Education. (3)

This course examines the historical and philosophical foundations of education as well as the social forces impacting schools in modern times. Using both a chronological and a topical frame-of-reference, the students will analyze American educational leaders, trends, and movements in their general political, social, intellectual, and economic contexts.

ED 523 Early Reading Literacy Development (Pre-K-3). (3)

This course is designed to address essential skills and concepts for beginning literacy development. Language development, phonemic awareness, phonics, comprehension, fluency, and motivation will be incorporated from a comprehensive reading perspective.

ED 524 Expanding Reading Literacy Development (Grades 4-12). (3)

This course is designed to encompass reading/literacy instruction from fourth through twelfth grades. Decoding, comprehension, fluency, attitudes, motivation, and engagement will be addressed. Issues and trends in expanding reading will be researched and classroom programs will be investigated.

ED 527 Content Area Literacy. (3)

This course is designed to address content area in all grade levels through an integrated approach to literacy.

ED 530 Counseling the Gifted Student. (3)

Prerequisite: ED 516.

This course examines the nature of giftedness, the counseling process, and strategies specifically developed for counseling the gifted student.

ED 531 Capstone: Effective Reading Literacy Programs. (3)

Prerequisite: 18 hours in literacy be completed prior to this course.

Effective Reading Programs is the capstone course for the Master of Education in Reading/Literacy program. This course has two primary goals: 1) to develop a clear understanding of what constitutes balanced reading/literacy instruction across the developmental continuum and 2) to consider what can be done to improve reading/literacy achievement in our schools. The first goal will focus on what is known about the development of effective reading/literacy programs from the literature. The second goal will include the study of effective reading/literacy programs through an examination of the school and the classroom. Case studies on school change will be studied and participants will consider how schools/districts can improve their reading instruction.

ED 532 Children’s Literature in the Elementary Classroom (Pre-K-6). (3)

This course is designed to offer a survey of current and classic children’s literature with an emphasis on multicultural literature in grades Pre-K-6. Issues and trends in children’s literature will be researched and evaluations of quality literature across genres will be conducted.

ED 534 Process Writing. (3)

This course will address instructional strategies to develop and implement a process writing program for the classroom. The focus will be on instruction and performance assessment designed to take pieces of writing through the stages of the editing process (pre-writing), during writing (draft), conferencing, after writing (final copy), and publishing.

ED 538 Understanding Individual Learning Differences. (3)

This course focuses on the use of learning theories to understand the needs of diverse learners and to create responsive learning environments.

ED 548 Methods and Materials for Teaching Diverse Learners. (3)

Prerequisite: ED 538

This course is designed to provide the student with educational strategies and resources that can be used effectively with diverse learners.

ED 549 Instructional Assessment Practices and Procedures. (3)

Prerequisites: ED 538/548.

This course provides professionals with skills in the application of assessment practices and procedures necessary for decision-making in planning and differentiating instruction.

ED 551 Managing the Instructional Environment. (3)

Prerequisites: ED 538/548.

This course focuses on the structure of the instructional environment and its relevance of the learner’s motivation, development, and behavior.

ED 552 Curriculum Development. (3)

Prerequisite: ED 517 (Gifted) or ED 548 (MAT, DI).

This course is a study of the theoretical bases and practical applications for curriculum work. Special attention will be given to specific procedures to follow and concepts to consider in creating curriculum experiences.

ED 554 Collaboration. (3)

Prerequisites: ED 538/548.

This course is designed to prepare professionals for the role of co-teacher, collaborator, and consultant

ED 560 Independent Study in Education. (1-6)

Course taught at irregular intervals or upon demand of at least 6 students; course developed to meet special needs, times or current relevant topics in the education area. On demand.

ED 564 Effective Literacy Assessment and Intervention. (3)

The focus of this course is the role of the teacher as a diagnostician in the classroom. Students will learn how to administer measures of literacy assessments that can be used for individuals or whole

groups. Students will analyze data and plan appropriate interventions. Students will examine clinical and classroom diagnostic methods, explore the theoretical foundations for these practices, and discuss practical applications.

ED 566 Internship in MAT. (3)

This course is the clinical supervision of the MAT program. Intern teachers will meet regularly with their university supervisor to reflect upon instructional planning, classroom experiences, problems, and decisions they have made as classroom teachers. Students will maintain a reflective journal on the teaching experience.

ED 592 Capstone in Differentiated Instruction. (3)

This special topics course focuses on trends and issues characteristic of subject areas in the elementary school curriculum; emphasis is on educational reform designed to enhance student learning.

ED 594 Atypical Populations of the Gifted. (3)

Prerequisites: ED 516.

This course is an in-depth study of the unique needs and special motivational problems of a variety of atypical populations of gifted students. Attention will be directed to the culturally diverse gifted, economically disadvantaged gifted, underachieving gifted, gifted handicapped, gifted females, the highly gifted, and gifted preschoolers.

ED 595 Program Development and Evaluation. (3)

Prerequisites: ED 516.

This course is a study of various alternative settings, program options and models for gifted students. Procedures for systematic and comprehensive program development and evaluation will be examined. Other key issues faced by administrators or teachers of gifted programs will be addressed, such as program articulation, building support systems, and funding sources.

ED 596 Capstone: Trends and Issues in Gifted Studies. (3)

Prerequisite: Minimum of 12 hours of graduate courses in gifted studies including ED 516, 517.

This course is a study of the expanding dimensions of gifted education to include new directions for identification and programming and the implications of new paradigms for research and practice. This course is considered a “capstone” for the gifted program.

ED 598 Internship in Education. (3)

This course is the provision of practical training in various education centers which meet the needs/specifications of the individual graduate student under the supervision of a faculty member.

ED 599 Internship in Reading Literacy. (3)

This course provides the student with a 40 hour clinical experience in a supervised setting. Interns administer diagnostic assessment and implement instruction based on the results. This internship is designed to be the final course of the series.

ED 620 Leadership Principles. (3)

This course will introduce leadership theory and provide an overview of change theory and systems theory. Current educational leadership theories and practices will be explored.

ED 630 Leadership through Instructional Supervision. (3)

Prerequisites: ED 620.

This course will focus on an understanding of instruction and how to effectively supervise, guide, and develop appropriate instructional practice. Cognitive coaching, clinical supervision, and evaluation of teachers will be covered.

ED 640 Leadership through School Management. (3)

Prerequisites: ED 620.

This course will examine organizational effectiveness strategies for managing all aspects of the educational environment to create a safe and orderly school climate. The following will be covered: school safety, financial management and budgeting, personnel, physical facilities, and scheduling.

ED 652 Leadership of Curriculum Design. (3)

Prerequisites: ED 620.

This course for leadership students focuses on best practices in the processes of guiding and evaluating the development and alignment of curriculum. Students will gain practice in utilizing data to inform curriculum decision making and will also gain an understanding of how to evaluate curriculum design for appropriateness for the various grade levels and subject areas.

ED 670 Leadership: Political, Cultural, and Legal Implications. (3)

Prerequisites: ED 620.

This course will examine the political, cultural, and legal context of school leadership. Students will gain practice in making appropriate and legal decisions while working with all stakeholders.

ED 680 Leadership Practice with Ethics and Integrity. (3)

Prerequisites: Must be within the last six (6) hours of the Master's of Education degree in Educational Leadership.

In this capstone course, students will explore leadership practice emphasizing integrity and ethical decision making. Students will be required to develop a capstone portfolio demonstrating developed skills in leadership and ethical practice.

ED 692 Leadership Internship: Elementary Schools. (3)

School based internship, emphasizing the elementary school. Students will complete structured hands-on assignments.

ED 694 Leadership Internship: Middle Schools. (3)

School based internship, emphasizing the middle school. Students will complete structured hands-on assignments.

ED 696 Leadership Internship: High Schools. (3)

School based internship, emphasizing the high school. Students will complete structured hands-on assignments.

ED 698 Leadership Internship: District Level. (3)

School based internship, emphasizing district level responsibilities such as budgeting, personnel, transportation, special education, school lunch program, federal programs, and professional

development. Students will complete structured hands-on assignments.

SPECIAL EDUCATION (EDS)

EDS 313 Introduction to Special Education. (3)

Introduction to the legal, philosophical and educational bases of the education of the handicapped. Particular emphasis is given to state and federal law, referral to placement, use of cumulative records and Individual Education Plan development.

EDS 320 Education of the Mildly/Moderately Handicapped. (3)

This course includes instructional management planning, individual education program development, materials, resources, and strategies for teaching students with mild/moderate handicaps.

EDS 324 Teaching in the Inclusion Classroom. (3)

Prerequisites: EDS 313 and admission to Teacher Education or existing teacher certification.

This course is designed for students who have chosen special education as an add-on to an elementary or secondary education certification or for those holding teacher certification who wish to acquire skills necessary to teach special needs students in a general education classroom. The course material and learning activities prepare students to plan, deliver and assess instruction in an inclusion setting.

EDS 330 Procedures for the Resource Room. (3)

Admission to Teacher Education.

This course focuses on the organization and procedures for the effective use of instruction, space, scheduling, materials, and personnel in both the elementary and secondary resource classroom. Administrative and teacher responsibilities will be included as well as techniques for collaboration and consultation with other professionals and parents.

EDS 414 Practicum in the Elementary Resource Room. (6)

Prerequisite: Possession of an elementary teaching certificate or EDS 320 and 330.

Practicum experience in the education of elementary age mildly/moderately handicapped students. This course is designed to allow individuals who hold an elementary teaching certificate to add an "Education of the Mildly/Moderately Handicapped" endorsement to their existing certificate.

EDS 415 Practicum in the Secondary Resource Room. (6)

Prerequisite: Possession of a secondary or special subject area teaching certificate or EDS 320, 330.

Practicum experience in the education of secondary age mild/moderately handicapped students. This course is designed to allow individuals who hold a secondary teaching certificate to add an "Education of the Mildly/Moderately Handicapped" endorsement to their existing certificate.

ENGLISH (EN)

EN 100 Basic Writing. (3)

A study of essentials of grammar and composition with emphasis upon paragraph development. Instruction and exercises in writing and revision of writing. Required of freshmen whose proficiency in composition and reading is determined by testing to be below

collegiate standards maintained in English 101. Prerequisite for entrance in English 101 for students identified for the course. This course cannot be used to satisfy graduation requirements.

EN 101 English Composition. (3)

Required of all students. Does not count toward the English major.
A study of the principles of composition, effective paragraph and sentence structure, vocabulary, and reading. The course will require expository, descriptive, and narrative composition, at least one documented work, parallel readings, peer editing conferences, and conferences with the instructor. Some sections are computer assisted. Final grade is A, B, C, NC (No Credit). A student must earn a grade of at least a C in the course before enrolling in any other English course. A grade of No Credit will not affect a student's quality point average. After enrolling at MUW, a student must take all composition core requirements at MUW.

EN 201 Survey of English Literature I. (3)

Prerequisite: EN 101

A study in chronological order of selected works representative of different periods of English literature from Beowulf through the mid eighteenth century. Collateral reading; critical essays.

EN 202 Survey of English Literature II. (3)

Prerequisite: EN 101

A study in chronological order of selected works representative of different periods of English literature from the eighteenth century to modern times. Collateral reading; critical essays.

EN 203 Survey of American Literature I. (3)

Prerequisite: EN 101

A study of the development of American literature with emphasis on major writings and their relation to the main currents of American thought from the Spanish colonization to the mid nineteenth century. Collateral reading; critical essays.

EN 204 Survey of American Literature II. (3)

Prerequisite: EN 101

A study of the development of American literature with emphasis upon major writings and their relation to the main currents of American thought from the mid nineteenth century through the present. Collateral reading; critical essays.

EN 231 Survey of World Literature I. (3)

Prerequisite: EN 101

A survey of major texts in the literatures of Europe, Africa, Asia, the Americas, and the Middle East, focusing on myth, drama, epic, and lyric from the ancient world to the early modern era. Collateral reading; critical essays.

EN 232 Survey of World Literature II. (3)

Prerequisite: EN 101

A study of major texts in the literatures of Europe, Africa, Asia, and the Americas, focusing on important works of prose, drama, and poetry from the Enlightenment to the twentieth century. Collateral reading; critical essays.

EN 299 Special Topics in English. (1-3)

Prerequisite: EN 101

This course will be used for lower-level seminars. The course content will vary each time the course is offered.

EN 300 English Composition. (3)

Required of all students. Does not count toward the English major. Prerequisites: EN 101, completion of 45 hours, or consent of the Department Chair of Languages, Literature and Philosophy.

A continuation of the study and computer-assisted practice of expository writing in standard English. The course focuses on analytical and practical writing skills. Some papers are based on documented research and reading in the student's major field; others will simulate writing required in professional or work-place situations. Parallel readings, peer editing conferences, and conferences with the instructor are also included. Final grade is A, B, C, NC (No Credit). A grade of C is required for graduation. A grade of No Credit will not affect a student's quality point average.

EN 302 History and Structure of the English Language. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

This course begins with basic linguistic concepts and a brief study of phonology, and then moves through discussions of the major language families descended from Indo-European, English as a Germanic Language, Old English, Middle English, and Modern English. A special focus is placed upon the political and social aspects of language, as well as morphology, vocabulary, and grammar.

EN 303 Early Shakespeare. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A critical reading of a number of Shakespeare's plays written up to 1603. Collateral reading of critical essays.

EN 304 Late Shakespeare. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A critical reading of a number of Shakespeare's plays written after 1603. Collateral reading of critical essays.

EN 305 Advanced Grammar. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

This course will explore the complexities of English syntax primarily from the perspective of structuralist linguistics. This course will also introduce students to other approaches to English syntax, such as traditional and transformational-generative grammar, and to English morphology.

EN 311 Nonfiction Writing. (3)

Prerequisite: EN 101.

A study of various types of advanced exposition, formal and informal essays, and the principles of the short narrative, with collateral readings and practice in original writing of the various forms studied.

EN 312 Creative Writing. (3)

Prerequisite: EN 101.

A study of the craft of creative writing. The course will focus on the development of a portfolio of poetry and short fiction through workshop discussions and individual conferences, along with collateral readings on the creative process, literary terms, and forms.

EN 317 Technical and Business Writing. (3)

Prerequisite: EN 101.

Combined lecture-workshop approach to special forms, styles, and problems encountered in writing for industry, business, and technology. Includes writing of mechanism description, process analysis, instructions, formal and informal reports, research reports, proposals; also includes audience analysis, technical editing, and use of graphics.

EN 334 Ancient Greek and Roman Myth. (3)

Prerequisite: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A study of ancient Greek and Roman myth in translation. Authors include Homer, Pindar, Ovid, Virgil, Hesiod, and others.

EN 341 Teaching English as a Second Language. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

Introduction to major theories, methodology, and strategies of teaching English as a second language including an introduction to the historical background of methods used for teaching languages to non-native speakers and to various strategies that have been proposed in the field to improve listening, speaking, reading and writing skills. This task-based class will also focus on syllabi and lesson plan preparations.

EN 342 Second Language Acquisition. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A survey of the major theories of language acquisition, including theories of first language acquisition, theories of second-language acquisition, theories of language learning, styles and strategies of language learning, effect of personality and sociocultural factors on second language learning, and communicative competence with an emphasis on methods of acquiring a second language.

EN 350 Women in Literature. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

This course introduces students to both traditional stereotypes of women in literature and new ways to analyze literature by and about women. Using introductory feminist critical texts, students will learn to focus on what literature says and implies about women: their nature, their roles, their place in society. Readings may include works by Austen, George Eliot, the Brontes, Flaubert, Woolf, Stein, Welty, Atwood, Walker, Rich, and others. Also listed as WS 350. *Note: Courses with a WS prefix cannot be used toward an area of concentration or a secondary certification area.*

*Students wanting to use this course toward their certification area **must** enroll in the EN section of this course.*

EN 360 African-American Literature. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A study of the major movements in the evolution of African-American literature from the eighteenth century to the present. It includes literary genres such as autobiography, fiction, poetry, and drama. Authors may include Frederick Douglass, Zora Neale Hurston, Langston Hughes, Countee Cullen, James Baldwin, Richard Wright, Ralph Ellison, Maya Angelou, Toni Morrison, Alice Walker.

EN 375 Women in Medieval Literature. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A study of the literature of the medieval period both by and about women, with special attention to the impact of the anti-feminist tradition. Some authors/works may include Chaucer, Julian of Norwich, Christine de Pisan, Beowulf, Sir Gawain and the Green Knight, Margery Kempe, and Marie de France. Also listed as WS 375. *Note: Courses with a WS prefix cannot be used toward an area of concentration or a secondary certification area. Students wanting to use this course toward their certification area **must** enroll in the EN section of this course.*

EN 401 Internship. (3-6)

Prerequisite: one 300-level English course or permission of Department Chair of Languages, Literature and Philosophy.

Qualified students may earn credit for participating in a program approved in advance by the faculty advisor and department chair. The nature of the internship and the number of hours to be worked will determine the number of credit hours. A minimum of 120 hours is required for 3 hours credit. Three hours may be applied toward the major. Remaining hours will count as elective credit toward graduation.

EN 409 Literature for Adolescents and Older Children. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A study of adolescent and children's fiction from the nineteenth century to the present. This course will investigate various issues in children's literature theory. Collateral reading; critical essays.

EN 410 Methods & Materials in Secondary English. (3)

Fall. Prerequisite: Admission to Teacher Education.

A survey of major theories of composition and literature pedagogy, with practical applications to classroom situations. The course requires close reading of selected literary texts to prepare the texts for teaching; it also examines the process of writing - prewriting, writing, revision - with attention to making and evaluating writing assignments. Required for teacher certification. This course does not count toward the English major or minor.

EN 411 Fiction Writing Workshop. (3)

Prerequisite: EN 312.

An advanced study of fiction writing, the course will focus on the development of a portfolio of short fiction and involve workshop discussion of student works, along with collateral readings on the craft of fiction and contemporary short stories.

EN 412 Poetry Writing Workshop. (3)

Prerequisite: EN 312.

An advanced study of poetry writing, the course will focus on the development of a portfolio of poems and involve workshop discussion of student works, along with collateral readings of poetics and recent poetry.

EN 415 Advanced Writing Workshop. (3)

Prerequisites: EN 411 or EN 412 and permission of the Department Chair of Languages, Literature and Philosophy.

The advanced workshop provides students with the opportunity to continue their study of fiction or poetry writing beyond the workshop level. It may be taken in conjunction with a workshop in fiction or poetry, or it may be taken as an independent study. May be repeated once for credit if genre content or instructor changes.

EN 420 Seminar in English Literature. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of a period, theme, genre, or other topic of English Literature. May be repeated for up to six hours credit.

EN 425 Seminar in American Literature. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of a period, theme, genre or other topic of American Literature. May be repeated for up to six hours credit.

EN 426 Seminar in World Literature. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of a period, theme, genre or other topic of World Literature. May be repeated for up to six hours credit.

EN 428 Independent Study in English. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

An in-depth study of a topic that is not covered in the course catalog. May be repeated for up to six hours credit.

EN 433 Literature in the Postcolonial World. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of major literary works from emerging postcolonial societies in Africa, the Caribbean, South and Central America, and Asia after 1945. Authors studied may include Ngugi Wa Thiong'o, Chinua Achebe, Wole Soyinka, Jean Rhys, Derek Walcott, V.S. Naipul, Mahasweta Devi, and Salman Rushdie.

EN 444 The Earliest English Literature. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of the first examples of English Literature, and their sources and analogues. This course explores the heroic world of

Beowulf, as well as the earliest Christian poetry, elegies, riddles, and charms.

EN 445 Chaucer and the Medieval World. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

An examination of Chaucer's poetry and the medieval world it reflects, including contemporary European influences on Chaucer's work. Readings will include The Canterbury Tales, as well as selections from works such as Dante's Inferno, The Decameron, the Romance of the Rose, and "The Consolation of Philosophy."

EN 453 Elizabethan and Jacobean Drama. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of the development of English dramatic literature, with the exception of Shakespeare, from the early church beginnings to the closing of the theatres in 1642. Emphasis on Elizabethan drama exclusive of Shakespeare.

EN 455 Early Modern Poetry. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

This course will focus on the English poets and poetic movements of the late sixteenth century through the seventeenth century, including both epic and lyric genres. The course will include poets such as John Donne, Phillip Sydney, Edmund Spenser, Christopher Marlowe, William Shakespeare, Isabella Whitney, Ben Jonson, Andrew Marvell, Aphra Behn, and John Milton.

EN 473 Restoration and Eighteenth-Century British Literature. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

An intensive study of British literature from the Restoration of Charles II in 1660 to 1800 in cultural context. Includes an emphasis on the novel. Authors may include, but are not limited to, Aphra Behn, John Dryden, Eliza Haywood, Daniel Defoe, Charlotte Lennox, Samuel Richardson, Frances Burney, and Samuel Johnson.

EN 474 Early British Gothic Literature. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

An intensive study of British Gothic literature from the late eighteenth and early nineteenth centuries in cultural context. Includes an emphasis on fiction and on the problems of gender and genre that the Gothic raises. Authors may include, but are not limited to, Horace Walpole, Ann Radcliffe, Matthew Lewis, Charlotte Dacre, Mary Shelley, and Walter Scott.

EN 475 The English Novel. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of the development of the novel in Britain through the nineteenth century. The novels selected for study will represent a variety of fictional types and techniques. Collateral readings; critical essays.

EN 478 English Literature of the Early Nineteenth Century. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of selected works of poetry, fiction, and essays of the early nineteenth century. Writers studied may include Burns, Blake, Dorothy and William Wordsworth, Coleridge, Lamb, Hazlitt, Byron, the Shelleys, Keats, DeQuincey. Collateral reading; critical essays.

EN 479 English Literature of the Later Nineteenth Century. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of representative works of poetry, fiction, and essays of the Victorian era. Attention will also be given to the social and political issues of the time. Collateral reading, critical essays.

EN 480 Literary Theory. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

An intensive study of some of the major schools of contemporary literary theory, the philosophical traditions from which they derive, and the critical issues that they raise. Practical applications to literary analysis.

EN 484 American Literature of the Early Nineteenth Century. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of American literature from the early nineteenth century to the 1860's. Readings in fiction, nonfiction, poetry and autobiography; may include Melville, Poe, Douglass, Jacobs, Alcott, Emerson, Whitman, Dickinson, and others. Collateral reading and research; critical essays.

EN 485 American Literature of the Later Nineteenth Century. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of the literature associated with the realistic and naturalistic periods in American literature. Authors may include, but are not limited to, Rebecca Harding Davis, Mark Twain, Edith Wharton, Henry James, Sarah Orne Jewett, W. D. Howells, Charlotte Perkins Gilman, Frank Norris, Sinclair Lewis; collateral readings.

EN 490 The Literature of the South. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

A study of Southern writers from the early 20th century to the present. Readings include short story writers and novelists. Readings will also include both well-known writers such as William Faulkner and Carson McCullers, and New South writers such as Frederick Barthelme and Barry Hannah.

EN 491 Modern Poetry. (3)

Prerequisite: One 300-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A study of Modern Poetry from 1900 to 1950. The course will focus on modernist movements, including Imagism, Vorticism, Futurism, Expressionism, Dada, and Surrealism. Readings will include major poets from America, Britain, and the Continent, such

as Yeats, Lawrence, Pound, Eliot, Stevens, Williams, Moore, H.D., Hughes, Cullen, Stramm, Ball, Arp, Desnos, Breton, Mayakovski, and others.

EN 492 Contemporary Poetry. (3)

Prerequisite: One 300-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A study of the poetry of the latter half of the twentieth century. Poets studied may include Wright, Wilbur, Bishop, Berryman, Roethke, Plath, Brooks, Olson, Snyder, Ginsberg, O'Hara, Bly, Rich, Angelou, and others.

EN 493 Modern Fiction. (3)

Prerequisite: One 300-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

This course is a study of fiction from 1900-1970, focusing on Modernism and Postmodernism. Readings will include major American and British authors, but will also include various world authors.

EN 494 Contemporary Fiction. (3)

Prerequisite: One 300-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

This course is a study of fiction of the latter half of the 20th century to the present. The course will include both short story writers and novelists such as Saul Bellow, Raymond Carver, Alice Munro, J.M. Coetzee, Amy Hempel, Ian McEwan, and others.

EN 495 Drama from the Nineteenth-Century to the Present. (3)

Prerequisites: One 300-level English course or permission of the Languages, Literature, and Philosophy Department Chair.

This course will focus on the dramatic arts, including the rise of the modern drama and its construction based on political and cultural values as well as the anti-hero and his or her function within the play. Theatrical experience such as performance art will also be included.

EN 499 English Capstone Course. (3)

Required of all majors. Prerequisite: senior standing and 24 hours of English, exclusive of 101 and 300.

An integrated study of major literary movements in American, British, and World Literature, which will place these movements in their historical, political and social contexts. Several analytical essays will culminate in a senior thesis to be presented to students and faculty.

FOREIGN LANGUAGE - FRENCH (FLF)

FLF 101-102 French I-II. (4-4)

Development of the basic language skills: aural/oral comprehension, speaking, reading, and writing.

FLF 103 Intensive Elementary French. (8)

An intensive language course designed to incorporate the content of both FLF 101 and FLF 102. It includes development of the basic language skills: listening, speaking, reading, and writing, and further development of language skills with emphasis on reading and discussion in French. This course prepares students to enter FLF 201 or FLF 203. This course must be taken in its entirety;

students cannot receive partial credit for either FLF 101 or 102 while enrolled in this course.

FLF 105 Business French. (3)

Prerequisite: FLF 101 or the consent of the Department Chair of Languages, Literature and Philosophy.

A study of current business vocabulary in Francophone countries and the application of that vocabulary in an individual project involving correspondence with French-speaking businesses and organizations. Each project will give students a chance to explore the opportunity of finding work, study, or travel abroad. This course is open to all students and is not limited to business students. This course does not meet the language sequence requirement for the core curriculum.

FLF 201-202 French III-IV. (3-3)

Prerequisite: FLF 102 or two years of high school French.

Further development of language skills with emphasis on reading and discussion in French.

FLF 203 Intensive Intermediate French. (6)

Prerequisite: FLF 102 or 103 or two or more years of high school French.

An intensive language course designed to incorporate the content of both FLF 201 and FLF 202. It continues the work begun in the first year language and includes further development of language skills: listening, speaking, reading, and writing, with emphasis on reading and discussion in French. This course must be taken in its entirety; students cannot receive partial credit for either FLF 201 or 202 while enrolled in this course.

FLF 240 French Study Seminar. (3-6)

FLF 251-252 Conversation and Composition. (3-3)

Prerequisite: FLF 202 or permission of the Department Chair of Languages, Literature and Philosophy.

Training in current idiomatic French, stressing oral practice and original composition.

FLF 301 Advanced Composition and Conversation. (3)

Prerequisite: FLF 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A facility in both the oral and written use of the language is the object of this course. Library texts are used.

FLF 302 French Phonetics and Diction. (3)

Prerequisite: FLF 202 or 252.

A study of the fundamentals of French pronunciation; phonetic transcription; oral interpretation of texts in prose and poetry; stress on articulation, rhythm, and intonation.

FLF 311-312 Survey of French Literature. (3-3)

Prerequisite: FLF 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

Selected works from the earliest periods to the present day.

FLF 331-332 Seventeenth-Century Literature. (3-3)

Prerequisite: French 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A study of the representative works of the Classical Period.

FLF 341-342 Eighteenth-Century Literature. (3-3)

Prerequisite: FLF 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A survey of the tendencies in French literature from the Classical Period to the Romantic movement.

FLF 351 French Romantic Literature. (3)

Prerequisite: FLF 202 or 252 or the consent of the instructor.

A survey of the movements and tendencies in French literature that later developed into Romanticism. Reading and discussion of important romantic authors.

FLF 352 French Literature after 1850. (3)

Prerequisite: French 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A study of the Realistic and Naturalistic movements and the reading of works of representative authors of each group.

FLF 361-362 French Literature since Naturalism. (3-3)

Prerequisite: FLF 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A survey of the development of literature in French during the twentieth century. Includes a study of the works of representative writers of the more modern groups.

FL 410 Methods and Materials in Secondary Language. (3)

Prerequisite: Admission to teacher education. Required of all students seeking teacher certification in foreign languages at the secondary level.

This course emphasizes selection and application of teaching materials, methods and techniques of delivery, course objectives, and evaluation. Students will prepare practical teaching material in their major language. This course does not count toward a major or minor in languages.

FOREIGN LANGUAGE - SPANISH (FLS)

FLS 101-102 Spanish I-II. (4-4)

Fall-Spring sequence.

Development of the basic language skills: aural/oral communication, speaking, reading, and writing.

FLS 103 Intensive Elementary Spanish. (8)

An intensive language course designed to incorporate the content of both FLS 101 and FLS 102. It includes development of the basic language skills: listening, speaking, reading, and writing, and further development of language skills with emphasis on reading and discussion in Spanish. This course prepares students to enter FLS 201 or FLS 203. This course must be taken in its entirety; students cannot receive partial credit for either FLS 101 or 102 while enrolled in this course.

FLS 201 Spanish III. (3)

Prerequisite: FLS 102 or two years of high school Spanish.

Review of Spanish grammar and systematic development of vocabulary and listening, speaking, reading and writing skills.

FLS 202 Spanish IV. (3)

Prerequisite: FLS 201.

This course is a continuation of Spanish III. Review of Spanish grammar and systematic development of vocabulary and listening, speaking, reading and writing skills.

FLS 203 Intensive Intermediate Spanish. (6)

Prerequisite: FLS 102 or 103 or two or more years of high school Spanish.

An intensive language course designed to incorporate the content of both FLS 201 and FLS 202. It continues the work begun in first year language and includes further development of language skills: listening, speaking, reading, and writing, with emphasis on reading and discussion in Spanish. This course must be taken in its entirety; students cannot receive partial credit for either FLS 201 or 202 while enrolled in this course.

FLS 240 Spanish Study Seminar. (3-6)

FLS 251 Conversation and Composition I. (3)

Prerequisite: FLS 202 or the permission of the Department Chair of Languages, Literature and Philosophy.

Advanced instruction in all aspects of modern Spanish with the emphasis divided between conversation and composition skills and including the skills of reading and listening comprehension.

FLS 252 Conversation and Composition II. (3)

Prerequisite: FLS 251 or the permission of the Department Chair of Languages, Literature and Philosophy.

This course is a continuation of FLS 251. Advanced instruction in all aspects of modern Spanish beyond Conversation and Composition I with the emphasis divided between conversation and composition skills and including the skills of reading and listening comprehension.

FLS 301 Advanced Conversation and Syntax I. (3)

Prerequisite: FLS 252 or permission of the Department Chair of Languages, Literature and Philosophy.

The review and analysis of the more sophisticated grammatical structures of the Spanish language. This course includes intensive practice with the skills of speaking, writing and reading and listening comprehension.

FLS 302 Advanced Conversation and Syntax II. (3)

Prerequisite: FLS 301 or permission of the Department Chair of Languages, Literature and Philosophy.

A continuation of FLS 301. The review and analysis of the more sophisticated grammatical structures of the Spanish language. This course includes intensive practice with the skills of speaking, writing and reading and listening comprehension.

FLS 311 Survey of Spanish Literature I. (3)

Prerequisite: FLS 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A study in chronological order of selected works representative of different periods of Spanish literature through the mid eighteenth century.

FLS 312 Survey of Spanish Literature II. (3)

Prerequisite: FLS 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A study in chronological order of selected works representative of different periods of Spanish literature from the eighteenth century to modern times.

FLS 331-332 The Drama of the Golden Age. (3-3)

Prerequisite: FLS 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A study of the important dramatic authors of the Golden Age-Lope de Vega, Tirso de Molina, Juan Ruiz de Alarcon, and Calderon de la Barc-and of other representative writers.

FLS 333 Cervantes. (3)

Prerequisite: FLS 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

Cervantes and his age, with special study of the Quijote and of the Novelas Ejemplares.

FLS 352 The Nineteenth-Century Regional Novel. (3)

Prerequisite: FLS 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

Development of the novel of the nineteenth and early twentieth centuries as it interprets the life of Spain. Intensive study of representative regional novels.

FLS 361-362 Contemporary Spanish Literature. (3-3)

Prerequisite: FLS 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A survey of Spanish Literature of the twentieth century. The first semester includes the work of those writers designated as the "Generation of '98"; the second semester is a study of the "Generation of '27" and representative post-Civil War writers.

FLS 381 Spanish-American Literature I. (3)

Prerequisite: FLS 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A study in chronological order of selected works representative of different periods of Spanish-American literature from colonialism to Modernismo.

FLS 382 Spanish-American Literature II (3)

Prerequisite: FLS 202 or 252 or permission of the Department Chair of Languages, Literature and Philosophy.

A study in chronological order of selected works representative of different periods of Spanish-American literature from Modernismo to modern times.

FLS 388-389 Literature of the Native Peoples of America (3-3)

A study of the literature and culture of the native peoples of the Americas. The first half covers the time prior to the arrival of the Spaniards to the seventeenth century. The second half covers the period from the eighteenth century to the present.

FLS 398 Special Topics. (3)

Prerequisite: Completion of FLS 202 or permission of the Department Chair of Languages, Literature and Philosophy.

Special topics in Spanish culture and Spanish language theory

FLS 399 Special Topics. (3)

Prerequisite: completion of FLS 202 or permission of the Department Chair of Languages, Literature and Philosophy.

Special topics in Spanish literature.

FL 410 Methods and Materials in Secondary Language (3)

Prerequisite: Admission to teacher education. Required of all students seeking teacher certification in foreign languages at the secondary level.

This course emphasizes selection and application of teaching materials, methods and techniques of delivery, course objectives, and evaluation. Students will prepare practical teaching material in their major language. This course does not count toward a major or minor in languages.

FILM (FLM)

FLM 101 Introduction to Film. (3)

A required course that introduces students to film as a medium and an industry, to the terminology and theoretical foundation of film analysis, and to the major technical developments in film.

FLM 201 Survey of Film History. (3)

A one-semester survey of film from the silent era to the present. This course will introduce students to significant movements, genres, and directors of films both in and outside North America.

FLM 301 Special Topics in Film Directors. (3)

Prerequisites: FLM 101 or permission of the Department Chair of Communication.

A course that focuses on one director or on a couple of related directors whose works have had a significant impact on the film industry. Directors will vary but may include Hitchcock, Fellini, Capra, Sirk, Welles, Chaplin, Scorsese, and Spike Lee.

FLM 405 Special Topics in Film and Literature. (3)

Prerequisites: EN 101 and/or FLM 101.

A course that combines literary with cinematic texts or considers the effects of reading film as literature. Topics will vary but may include the recent phenomenon of adapting the novels of Jane Austen, E.M. Forester, etc., to film and the application of literary theory to films.

FOOD AND NUTRITION (FN)

FN 247/HKC 247 Nutrition and Physical Activity in Weight Management. (3)

Introduction to the practice of weight management based on sound principles of nutrition and physical activity.

FN 301 Science of Food. (3)

Chemical reactions in cooking; explanation and application of the relation and nature of specific food components and their behavior during food preparation.

FN 302 Menu/Recipe Development. (3)

The development of recipes and menus for application to food service "test kitchen" settings.

FN 325 Nutrition. (3)

Prerequisite: 8 hours of science.

Nutrients and their effect on and utilization by the human body from prenatal development through the elderly years.

FN 326 Nutrition for Culinary Professionals. (3)

Prerequisite: 8 hours of science.

Nutrients, their utilization by the human body and their role in chronic disease prevention.

FN 484 Nutrition in Disease. (3)

Prerequisite: FN 325.

Nutritional care of the hospitalized patient; theoretical basis for qualitative and quantitative modifications of the usual eating pattern to meet metabolic, pathological, and psychological needs of patient.

FN 499 Selected Topics in Nutrition. (3)

Prerequisites: Senior or graduate status, FN 325 or equivalent.

Selected topics will address specific subjects or contemporary topics in the area of nutrition. Course may be repeated for credit up to a maximum of 9 credit hours.

FINE ARTS (FPA)

FPA 299 Special Topics in Fine Arts. (1-3)

FPA 300 Fine Arts in Education. (3)

A consideration of the rationale for including Fine Arts as part of the K-8 academic curriculum. A basic history of art, music, theatre, and dance, and fundamental principles, techniques, and materials for teaching these various components of the Fine Arts to children.

FPA 399 Special Topics. (1-3)

Special topics related to the arts, disciplines of art, music, and theatre.

FPA 499 Special Topics. (1-3)

Special topics related to the arts, disciplines of art, music, and theatre.

FAMILY STUDIES (FS)

FS 203 Professional Issues. (2)

Prerequisite: Admission to the Family Studies program with an overall GPA of at least 2.0.

This course provides the student with information about the foundations of the discipline, including history and mission; discusses the role of professionals in meeting the needs of individuals and families; introduces students to professional standards, ethics, and career opportunities in the field; and presents the current status of family studies and related disciplines.

FS 290 Introduction of Research in Family Studies. (3)

Prerequisites: PSY 201, FS 203 with minimum grade of C.

Prepares students to perform basic research skills, including locating and summarizing published research in family studies.

FS 225 Management of Family Resources. (3)

Focuses on the practical application of management principles for use of all resources to maximize individual and family satisfactions.

FS 299 Special Topics. (1-6)

This course will address contemporary issues in the area of family studies.

FS 305 Marriage and the Family. (3)

Prerequisite: PSY 201 or permission of the Department Chair of Psychology and Family Studies.

The purpose of this course is to study marital family interactions with emphasis on interpersonal dynamics and developmental tasks over the family life cycle. The course includes the study of sex role development, mate selection, adjustments within interpersonal relationships, communication in the family, parent-child relations, familial responses to stress, and family violence. Also listed as SOC 305.

FS 328 Adolescent Development. (3)

Prerequisite: PSY 206

This course focuses on the application of theory and research to the understanding of adolescent development. Special attention is given to the transactional nature of adolescent and family development within a social context. Also listed as PSY 328.

FS 330 Human Sexuality and Socialization. (3)

Prerequisite: PSY 201 with minimum grade of C.

This course examines the physiological, psychological, and social aspects of human sexuality and interaction throughout the lifespan.

FS 382 Theories in Family Studies. (3)

Prerequisites: PSY 201, FS/SOC 305, and FS 290 with minimum grade of C.

This course will review the selected theories in family studies and familiarize students with the basic principles of major conceptual frameworks. This course also focuses on fluency in applying the major theories in family studies to various research and everyday family life situations.

FS 401 Families and Public Policy. (3)

Prerequisites: FS/SOC 305 and PSY 201 with a minimum grade of C.

This course will address the needs of families through public policy. It will focus on the legislative process, implementation of law, as well as current and pending legislation in local, state and national government policies that directly effect families.

FS 421 Adult Development. (3)

Prerequisites: PSY 201 and 206 with a minimum grade of C.

Examination of the multi-dimensional aspects of adult life from early young-adulthood through middle age; including family life and alternate lifestyles, and the transitions to parenting, empty-nest, mid-life, and retirement. Educational needs of adults and program planning are included.

FS 430 Basic Counseling Skills. (3)

Prerequisite: PSY 201, 408. Interactive lecture-lab.

This course introduces the student to an eclectic model for counseling and psychotherapy with an emphasis on developing the basic interpersonal skills necessary to be successful in a professional helping field. Also listed as PSY 430.

FS 465 Program Planning and Evaluation. (3)

Prerequisite: PSY 455 with a minimum grade of C.

This course is designed to introduce students to the process of creating life-skill programs for individuals and families. It will cover the principles of educational programming for non-academic

settings in human service agencies and provide training in grant writing and program evaluation.

FS 468 Parenting in Contemporary Society. (3)

Prerequisite: PSY 201, PSY 206, FS 290, FS/SOC 305 with a minimum grade of C.

This course focuses on parenting issues from cross-cultural, historical, developmental, and ecological perspectives. Issues are specifically relevant to parenting children at different developmental stages, parenting in diverse ethnic groups, single-parent families, stepfamilies, dual-career families, and gay/lesbian and abusive parents.

FS 470 Health, Drugs and Chemical Dependencies. (3)

This course assesses the implications of drug use on human health with a focus on drug actions and interactions, motivational factors that influence the use of drugs, and long-term societal effects of drug use.

FS 495 Independent Study in Family Studies. (1-3)

Must be arranged with the Family Studies coordinator.

Students may choose a topic specific to personal interest or career objective.

FS 498 Special Topic in Family Studies. (1-6)

This course allows for flexibility in the offerings of coursework for students who are interested in topics beyond curriculum in the major.

FS 499 Field Experience in Family Studies Occupations. (6)

Prerequisite: The student must have completed all academic courses required in the Family Studies major with a minimum GPA of 2.5 or better and not more than one repeated class. The permission of the FS Field Experience Coordinator is also required.

This course requires the student to complete 280 hours of supervised field experience at approved locations. The purpose of this course is to provide the student with real-world experience in a selected setting and to establish professional-level relationships in the field of Human Services.

FS 570 Health, Drugs, and Chemical Dependencies. (3)

This course assesses the implications of drug use on human health with a focus on drug actions and interactions, motivational factors that influence the use of drugs, and long-term societal effects of drug use. The course will be available for elective credit to students in the graduate program in Health Education.

GEOGRAPHY (GEO)

GEO 101 Elements of World Geography. (3)

An introductory course dealing with the fundamentals of the Earth's surface, including both physical and cultural factors. Landforms, climate, and vegetation, as well as world regional population and cultures, are examined.

GEO 302 Geography of North America. (3)

A regional treatment of the continent and the natural regions forming the basis for subdivisions. Political, cultural and economic factors in relation to geography are examined

GEO 304 Geography of Latin America. (3)

A physical and cultural study of Latin America. Physical environments, climates, culture, urbanization, and land-use patterns are examined.

GEO 306 Geography of the Muslim World. (3)

Prerequisite: GEO 101 or permission of the Department Chair of History, Political Science, Geography, and Paralegal Studies.

A regional treatment of those areas of North Africa and Asia in which Islam is the predominant religion. Political, cultural, and economic factors in relation to geography are examined.

GEO 351 Environmental Geography. (3)

Recommended for primary and secondary education social studies majors.

A study of the relationship between humans and their environment. Major topics include ecosystems, natural resources, the effects of human activities on the environment and how humans can affect their responses within the confines of natural laws and culture.

GEO 399 Special Topics in Geography. (3)

Prerequisite: GEO 101 recommended or permission of the Department Chair of History, Political Science, Geography, and Paralegal Studies.

This course will be used for upper level seminars. It will address contemporary issues in geography. The content will vary each time the course is offered.

HISTORY (HIS)**HIS 101 History of Civilization. (3)**

Social, cultural, political, intellectual, and other developments to ca. 1600; emphasis on the West.

HIS 102 History of Civilization. (3)

Social, cultural, political, intellectual, and other developments ca. 1600 to the present; emphasis on the West.

HIS 209 History of the United States I. (3)

An introductory survey of American history from the colonial era to 1876. It explores the political, social, cultural, and economic development of American society from colonial times through the end of Reconstruction. Special emphasis is given to the Revolutionary period, the establishment of American political institutions, the causes of the Civil War, and the impact of Reconstruction.

HIS 210 History of the United States II. (3)

An introductory survey of American history since Reconstruction. It explores the political, social, cultural, and economic forces at work in creating modern America. Special attention is given to Americans' experience in war, civil rights for African-Americans, and the changing status of women.

HIS 311 Introduction to Historical Thinking and Research. (3)

Fall semester.

An introduction to the techniques of historical methodology, and to some of the major literature.

HIS 312 Mississippi History. (3)

An introductory survey of Mississippi history from native American society to the present. It examines the social, cultural, economic, and political factors that have gone into shaping modern Mississippi and considers how Mississippi reflects the influences of a distinctive southern regional culture and a broader American culture.

HIS 320 The Graeco-Roman World. (3)

A survey of Greek civilization through the Hellenistic Age, with emphasis on art, literature, philosophy, social aspects; Roman civilization is treated from its origins to the third century A.D., emphasizing political institutions, economics and social developments.

HIS 324 Women in European History: From Antiquity to the Age of the French Revolution. (3)

The history of women and gender in European history from ancient Greece to ca. 1800. Also listed as WS 324. *Note: Courses with a WS prefix cannot be used toward an area of concentration or a secondary certification area. Students wanting to use this course toward their certification area must enroll in the HIS section of this course.*

HIS 326 Women in American History. (3)

Survey of the experiences of women in America from the seventeenth-century colonial settlements to the present, focusing on changes in the conceptions of womanhood and in the realities of women's lives and work. Women's participation in the social, economic, political, and cultural spheres will be studied in terms of the lives of ordinary women as well as of prominent individuals. Topics explored will include women's domestic and wage work, marital patterns, the concept of sisterhood, the institutions of marriage and the family, legal rights, education, social and political movements. Also listed as WS 326. *Note: Courses with a WS prefix cannot be used toward an area of concentration or a secondary certification area. Students wanting to use this course toward their certification area must enroll in the HIS section of this course.*

HIS 328 Rise of Christianity and the Fall of Rome 200-1000. (3)

Survey of the period from the early third through the tenth century including the rise of Christianity. Emphasis on social, political, religious, and economic continuity and change between classical Graeco-Roman civilization and the Germanic and Byzantine successor states.

HIS 329 High and Late Medieval Europe. (3)

The role of economic and demographic expansion in creating or transforming medieval institutions and development (1000-1300). The response of high-medieval civilization to the economic and demographic collapse of the fourteenth and fifteenth centuries (1300-1500).

HIS 335 Early Modern Europe. (3)

A study of the political, social, intellectual, and religious history of Europe in the period 1500-1750; the decline of medieval institutions; the growth of Northern Humanism; Protestant and Catholic Reformations; religious wars; the centralization of government; the scientific revolution.

HIS 345 Europe. 1750-1914. (3)

A study of the major events and developments in Europe from 1750 through 1914, with particular emphasis on the French revolution, industrialization, the rise of nationalism, and the revolutions of 1848.

HIS 350 Europe Since 1914. (3)

Major developments in Europe from World War I to the present day, with particular emphasis on the rise of Hitler and the Third Reich, the Cold War, and European Union.

HIS 351 European Colonies in North America. (3)

The story of the formation of the Spanish, French, and British colonies in North America. Emphasis is on development in southern North America, the Gulf Coast, the Caribbean, and the West Coast.

HIS 352 American Revolution and Early Republic, 1763-1829.

(3)

Causes of the Revolution; the antagonists compared; emergence of sentiment for independence, reasons for American success; struggle for a stable government; rise of political parties; War of 1812; controversies over tariff, bank, and internal improvements; John Marshall, Monroe Doctrine.

HIS 358 The Latin America Republics. (3)

A survey of the political, economic, and cultural developments of the Latin American states since 1808, with special emphasis on Mexico, Argentina, Brazil, and Chile. Special attention is also devoted to the contemporary problems of modern Latin America.

HIS 360 U.S. 1829-1860 Jacksonianism, Nationalism, Sectionalism. (3)

Westward expansion; the age of Jackson; the bank, sections, and slavery, expansion and conflict; mounting clashes between the sections.

HIS 361 Civil War and Reconstruction. (3)

A study of the social, economic, and political development of American society from the antebellum era through Reconstruction, emphasizing those features that led to the Civil War, the impact of the war on northern and southern society, and the political and social impact of Reconstruction.

HIS 363 U.S. 1876-1920 from the Gilded Age to the Progressive Era. (3)

The growth of business and industry; settlement of the Great Plains and agrarian progressive era and the politics of reform. The First World War.

HIS 365 America Since 1940. (3)

A study of the progress of America from 1940, focusing on the impact of World War II, the Cold War, and the Vietnam War on American society. It emphasizes an understanding of various movements of social change, such as civil rights, women's movement, student protests, and gay liberation.

HIS 371 Movies and American Society. (3)

Popular movies are one of the most important forms of American mass culture in the twentieth century. In this course, we will explore the use of popular movies both as cultural artifacts (evidence) as well as a way of telling history. Thus we will learn to

evaluate fictional movies for what they tell us about the era in which they were made and to appreciate the problems with the contributions of docudramas and documentaries to telling and interpreting the past.

HIS 372 African-American Experience in U.S. Society. (3)

A general survey of the experience of African-Americans from colonial times to the present, with special emphasis on the topics of slavery, racism, black identity, the civil rights movement, and the role of African-Americans in the development of American society.

HIS 401 Internship. (3-6)

Prerequisite: Advanced standing and the permission of the Department Chair of History, Political Science, Geography, and Paralegal Studies.

Qualified students may earn credit for participating in a program approved in advance by the faculty advisor and division. The nature of the internship and the number of hours to be worked will determine the number of credit hours. A minimum of 120 hours is required for 3 hours credit. Three hours may be applied toward the major. Remaining hours will count as elective credit toward graduation.

HIS 405 History of Religion in America. (3)

A study of the relationship between religion(s) and various communities over the course of American history. The goal will be to try to understand the role that religion has played in shaping a community's identity and understanding its place in the world and how that role has changed over time. The course will also examine the way in which religion has been shaped by society.

HIS 410 Methods and Materials in Secondary History and Social Studies. (3)

Prerequisite: Admission to teacher education.

Required of students seeking teacher certification in social studies at the secondary level, with emphasis on the place of the social studies in secondary education; selection and analysis of aims and objectives; use of special techniques and methods; appraisal of techniques. This course does not fulfill the history requirement for the Social Sciences or History majors, but only the professional certification requirement.

HIS 412 The History of Industry and Technology. (3)

The origins of important scientific ideas from the ancient world to the modern age. Examines major issues in the global development of industry and technology. Emphasis is placed on analyzing technological and scientific change (including automation, the PC, biotechnology, and the internet) and its impact on societies.

HIS 415 History of England from the Norman Conquest to the Reformation. (3)

Political, social, and cultural aspects of English history from the Norman Conquest to the beginning of the English Reformation, 1066-1529.

HIS 416 Britain in the Modern Era. (3)

Prerequisite: HIS 102.

This course focuses on the history of Great Britain from about 1870 to the present. The course examines the decline of Britain as

a significant world power through a study of industry, economics, empire, and world strategic role.

HIS 418 Germany from Unification to Reunification. (3)

Major developments in German history from the unification of the country to the reunification of West and East Germany. Includes a focus on German participation in World War I, the rise of Adolf Hitler and the Nazi party, World War II, the Holocaust, and German post-war economic progress.

HIS 422 The Rise and Fall of Communism: A Global Study. (3)

Provides a global study of socialism and communism in the modern era. Traces the rise of socialism in the late 18th and 19th centuries to the fall of communism in the Soviet Union and Eastern Europe. In doing so the course adopts a global approach, examining the European roots of communism, the Soviet Union, Eastern Europe, China, Vietnam, and communist movements in Latin America. Also analyzes the Cold War in a global context.

HIS 428 Modern Eastern Europe. (3)

Prerequisite: HIS 102.

The course examines the countries of eastern Europe in the modern era with a focus on the 20th century. Emphasis will be on Poland, Czechoslovakia, Hungary, and the Baltic nations from World War I through the decline of communism and the Soviet Union.

HIS 441 American Social History. (3)

Prerequisite: HIS 209,210 or permission of the Department Chair of History, Political Science, Geography, and Paralegal Studies.

A study of the themes of race, class, gender, and ethnicity in American history, particularly considering the process of how American society has accommodated or thwarted the dreams of African Americans, laborers, women, and immigrants. Students will consider how these groups developed a common consciousness and organized to overcome social and political disabilities and how this process has worked in specific communities during different eras.

HIS 454 History of the South. (3)

The political, social, and economic factors involved in the change from a nationally oriented to a sectionally oriented South by 1860. The impact of the Civil War and Reconstruction on the post-bellum history of the South. Turmoil and change in the twentieth century.

HIS 463 Archives Management. (3)

A survey of the major criteria, functions, and techniques of archival management.

HIS 464 Internship in Archives Management. (3)

A laboratory situation, in which the student performs all the principal functions of the archivist, using actual historical documents.

HIS 465 The World Wars and the Holocaust. (3)

An in depth analysis of World War I and II. Includes an examination of Fascism in Italy under Mussolini and in Germany under Adolf Hitler, the Holocaust, WW II Japanese war aims and the Pacific theater, World War II in Africa, and the Nuremberg War Crimes Trials.

HIS 498 Special Topics. (3-6)

May be taken for credit twice, so long as total credit does not exceed 6 hours.

HIS 499 History Capstone. (3)

Prerequisite: completion of HIS 311 or POL 310. Cannot be taken concurrently with HIS 311 or POL 310.

A study of the use and abuse of history and historical evidence in a broad perspective, using material which majors have produced in their past coursework, as represented by portfolios of the work. Comparative history will also be examined. Prerequisite: completion of HIS 311 or POL 310. Cannot be taken concurrently with HIS 311 or POL 310.

HEALTH AND KINESIOLOGY (PHYSICAL EDUCATION) (HK)**A. Activity Courses**

(2.5 contact hours per week for a semester.)

Aquatics**HK 101 Beginning Swimming. (1)**

Fundamental strokes which include elementary back stroke, front crawl and side stroke; additional skills as sculling, treading water, floating, diving and basic water safety measures. Course is designed for non-swimmers.

HK 201 Intermediate Swimming. (1)

Prerequisite: HK 101 or its equivalent.

Strokes include front crawl, back crawl, side stroke, elementary back, and breast stroke; diving and surface diving. Emphasis is placed on skill in distance swimming.

HK 207 Skin and Scuba Diving. (1)

Prerequisite: HK 201 or its equivalent.

Instruction in the fundamental skills of diving with self-contained underwater breathing apparatus; progression according to ability of the student.

HK 208 Advanced Diving/Rescue. (1)

Prerequisite: PADI Open Water Diver certification or equivalent.

Instruction in two certification levels: Advanced Open Water Diver and Rescue Diver. The standards and procedures are set by PADI.

HK 209 Lifeguard Training. (2)

Prerequisite: HK 201 or its equivalent.

Instruction and certification in standard Red Cross Lifeguard Training. This course will fulfill one hour of the university core requirement.

HK 313 Water Safety Instructor's Course. (2)

Prerequisite: HK 209.

Instruction and certification in standard Red Cross Water Safety Instructor Course. This course will fulfill one hour of the university core requirement.

Conditioning Activities**HKC 110 Water Aerobics. (1)**

A non-impact aerobic activity. Both shallow and deep water exercise provided.

HKC 120 Yoga. (1)

Yoga is an ancient system of care for total health of body and mind. This class will emphasize the physical benefits of yoga which include muscle balance, skeletal alignment, muscle strength, muscle elasticity, increased range of motion, improved coordination and improved function of internal glands and organs.

HKC 130 Pilates. (1)

The Pilates Method is an exercise system focused on improving flexibility and strength for the total body without building bulk

HKC 138 Advanced Pilates. (1)

Prerequisite: HKC 130.

Advanced Pilates is similar to the beginner routine except that it utilizes advanced techniques of positioning and pacing for each exercise.

HKC 140 Aerobic Dance. (1)

A series of aerobic exercises set to music and designed to improve one's health related fitness. Each component of fitness (cardiovascular and muscular endurance, muscular strength, flexibility, and body composition) will be assessed, discussed, and enhanced during class.

HKC 144 Conditioning. (1)

Emphasis on developing a personal level of health-related fitness. The physiological basis for improving fitness is studied. Aerobic exercises are utilized to change body fat content, regulate body metabolism, and improve cardiovascular fitness. Exercises are conducted to improve muscular strength, endurance, and flexibility.

HKC 147 Weight Training. (1)

Using weight training/conditioning activities to develop health-related physical fitness. Assessment and exercise prescription are used to improve components of fitness.

HKC 148 Fitness Walking. (1)

This course will emphasize the use of fitness walking to improve cardiovascular fitness. Classes will include periodic use of weights and resistance training to improve muscular fitness and flexibility training to improve flexibility. Students will learn to calculate target heart rate, evaluate personal fitness level and determine fitness goals.

HKC 150 Step Aerobics. (1)

A step approach is utilized for obtaining optimal health related physical fitness including cardiovascular endurance, muscular strength and endurance, flexibility and ideal body composition. The correct techniques of step aerobics will be emphasized and practiced. Step Aerobics is fitness training of high intensity.

HKC 158 Advanced Fitness Walking. (1)

This class is designed for those who walk on a regular basis and wish to improve both time and distance.

HKC 240 Aerobic Dance II. (1)

Prerequisite: HK 140 or equivalent.

Emphasis is placed on physical fitness, improvement of dance skills and coordination, and opportunities for choreography of aerobic exercise routines.

Dance

HK 115 Dance Survey. (1)

The study and practice of three forms of dance. Included are the American forms of square, round and long-way dances, and folk dances of various countries; the influence of customs of the people on the dance. Current fad dances are also introduced.

Individual/Dual Sports

HK 123 Badminton-Archery. (1)

One-half of the semester is devoted to instruction in badminton, including fundamental strokes, rules, tactics for singles and doubles play. One-half of the semester is spent in instruction in archery, including fundamental techniques and target shooting.

HK 127 Beginning Golf (1)

Course Fee Required.

Instruction in fundamental use of the various clubs. Rules and etiquette are included.

HK 129 Beginning Fencing. (1)

Instruction in techniques, footwork and bouting; experience in officiating bouts.

HK 131 Beginning Tennis. (1)

Introduction to fundamental strokes, footwork, playing techniques, rules and etiquette.

HK 142 Beginning Racquetball. (1)

Instruction in fundamental strokes, tactics, and rules.

HK 171 Personal Defense for Women. (1)

Designed to teach the skills and knowledge essential to defending oneself against an aggressor, avoiding potentially dangerous situations and preventing physical attacks.

HK 231 Intermediate Tennis. (1)

Prerequisite: HK 131 or its equivalent.

Development of skills; emphasis on singles and doubles play.

Team Sports

HK 133 Basketball/Softball. (1)

Instruction and practice in fundamental skills, rules and team play.

HK 134 Volleyball/Soccer. (1)

Instruction and practice in fundamental skills, rules and team play.

Recreational Activities

HK 145 Bowling. (1)

Fee required.

Instruction and practice in fundamental skills with emphasis on spot bowling as recommended by National Bowling Congress.

HK 149 Recreational Sports. (1)

Instruction in fundamental skills, rules and strategy of recreational type of sports: pickleball, table tennis, billiards, shuffleboard, horseshoes, floor tennis, and paddle tennis.

B. Professional Courses

HK 205 Measurement and Evaluation in Health and Physical Education. (3)

Study of measurement and evaluation procedures; application of statistical procedures; use of tests in school program; selection of tests for evaluating motor ability, sports skills, physical fitness, knowledge and the affective domain. Measurement and evaluation of fitness programs in non-school settings is included.

HKC 247/FN 247 Nutrition and Physical Activity in Weight Management. (3)

Introduction to the practice of weight management based on sound principles of nutrition and physical activity.

HK 248 Techniques of Officiating Volleyball. (1)

Lecture-Laboratory (1-2).

Study of rules and practice in techniques of officiating volleyball. National Federation Rules (high school). Officiating laboratory in intramural program.

HK 250 Techniques of Officiating Basketball. (1)

Lecture-Laboratory (1-2)

Study of rules and practice in techniques of officiating basketball, using Federation (high school) rules. Officiating laboratory in intramural program.

HK 252 Techniques of Officiating Softball (1)

Lecture-Laboratory (1-2)

Study of rules and practice in techniques of officiating softball using National Federation rules. Officiating laboratory in intramural program.

HK 253 Leadership in Community Recreation. (3)

Leadership training for all phases of the community recreation program. Materials and methods of all types of activities are studied.

HK 260 History and Principles of Physical Education. (3)

A study of the philosophical, historical and sociocultural foundations of physical education; the role of sport and health promotion in contemporary life and examination of current physical education programs and purposes.

HK 285 Technology in Exercise and Sport Sciences. (3)

Prerequisite: BU 157

This course is designed to provide the exercise/health science majors additional experiences with personal computers and other current technology associated with the profession.

HK 299 Special Topics in Health and Kinesiology. (1-3)

Courses taught at irregular intervals or upon the demand of at least 10 students; course developed to meet special needs, times or current relevant topics in the Health and Kinesiology area. One hour activity offerings will count toward the HK core activity requirement.

HK 307 Emergency Health Care. (3)

Basic principles of handling medical emergencies. Recognition and treatment of common medical emergencies. Emphasis on safety in all situations. Standard Red Cross CPR/First Aid Certification included.

HK 308 Prevention and Care of Athletic Injuries and First Aid. (3)

Prerequisite: Biology 121.

The standard Red Cross course in First Aid is included. Techniques for care of typical injuries in athletics are studied and training programs for preventive care are included. Three hours lecture and one laboratory hour a week.

HK 308L Prevention and Care of Athletic Injuries Laboratory. (1)

Complements lectures in HK 308. Must be taken concurrently with HK 308.

HK 316 Practicum in Health and Kinesiology. (3)

Prerequisites: HKC 140 or 150, HKC 147, HK 361w/lab

Course is designed to provide observation and practice of leadership in a physical education program, recreation agency, or fitness facility. Emphasis is placed on assessment, goal setting, prescription of exercise, and/or experience in program development. Approval by faculty advisor is mandatory before registration.

HK 320 Camping and Outdoor Education. (3)

Lecture-Laboratory (2-2).

The study of environmental concerns, conservation, and the balance of nature; specific techniques and skills include backpacking, orienteering, rappelling, canoeing, hunter safety and hunter skills.

HK 341 Group Exercise Instruction. (2)

Prerequisite: HKC 140, 150, or 144.

Emphasis is placed on physical fitness, improvement of dance skills and coordination, and opportunities for choreography and instruction of aerobic exercise routines.

HK 350 Psychology of Exercise and Sport. (3)

Prerequisite: Psychology 101, 206.

The study of scientific research and empirical evidence relating to instructing individuals in exercise and/or sport; development of philosophical framework and psychological skills needed for successful motivation, communication, and leadership.

HK 351 Materials and Methods of Teaching Physical Education and Health in the Elementary School. (3)

Prerequisites: ED 300, 302

Philosophy, techniques, materials, and activities essential for teaching physical education at the elementary school level.

HK 361 Physiology of Exercise. (4)

Prerequisite: BSB 120, 121.

Study of the energy systems and effect of physical exercise upon the muscular, circulatory, respiratory and nervous systems; relationship of strength, flexibility, endurance, fatigue, training, and nutrition to the efficiency of human, physical performance. (Three hours lecture, one hour laboratory).

HK 361L Physiology of Exercise Laboratory. (0)

This is a lab component for HK 361, to be required of majors. It provides experiential activities which augment the lecture section.

HK 370 Adapted Physical Education. (3)

Principles, program and techniques in conducting physical activities for individuals with disabilities; adaptation of physical education content to special needs of exceptional children; theory and practice in teaching motor skills to the disabled.

HK 371 Motor Development. (3)

The study of motor development and correlates of motor skill acquisition. Included are the psychological, sociological and physiological factors which affect the rate and manner in which motor skills are learned.

HK 390 Anatomical Kinesiology. (3)

Prerequisites: HKC 160, BSB 121 or permission of the Health and Kinesiology Department Chair.

Study of the principles of body mechanics, analysis of joint movement and muscle action in relation to physical activity. Three hours lecture and one hour laboratory.

HK 403 Graded Exercise Testing. (3)

Prerequisite: BSB 120.

Designed to provide lecture and laboratory activities in all aspects of administering and monitoring various exercise testing modalities and procedures. Includes basic EKG interpretation.

HK 408 Biomechanics. (3)

Prerequisite: HK 390

This course addresses the kinetics and kinematics of human movement and the techniques of assessment. This course will require one additional contact hour per week of lab.

HK 410 Professional Field Work in Sport Management. (3)

This experience is built upon the ability of the student to function as a professional worker in the field of sport management. The standard is 120 clock hours in professional experience. Supervisors come from the agency as well as the University. Approval by faculty advisor is mandatory before registration.

HK 415 Independent Study in Health, Physical Education and Recreation. (3)

A course designed for physical education majors who are capable of doing independent research. The proposed research project must be approved by the faculty member who will supervise the work. A written report conforming to acceptable style manuals will be required.

HK 416 Internship with Apparently Healthy Populations. (3-9)

Prerequisite: Completion of all coursework.

Field experience of at least 240 hours. The student will work in an approved agency in which there is opportunity to apply and extend knowledge of all theoretical concepts. Observation by a faculty member is combined with on-site supervision. Specific goals, procedures, and evaluation techniques are developed for each intern. Application and approval by faculty advisor is mandatory before registration.

HK 417 Internship. (3-9)

Where cardiovascular, pulmonary, or metabolic disease are indicated. Prerequisite: Completion of all coursework.

Cardiovascular, pulmonary or metabolic disease. Field experience of at least 240 hours. The student will work in an approved agency in which there is opportunity to apply and extend knowledge of all

theoretical concepts. Observation by a faculty member is combined with on-site supervision. Specific goals, procedures, and evaluation techniques are developed for each intern. Application and approval by faculty advisor is mandatory before registration.

HK 418 Internship. (3-9)

In occupational or sport medicine. Prerequisite: Completion of all coursework.

Occupational or Sport Medicine. Field experience of at least 240 hours. The student will work in an approved agency in which there is opportunity to apply and extend knowledge of all theoretical concepts. Observation by a faculty member is combined with on-site supervision. Specific goals, procedures, and evaluation techniques are developed for each intern. Application and approval by faculty advisor is mandatory before registration.

HK 430 Legal Aspects of Sport. (3)

Prerequisite: Junior or Senior Standing.

Introduction to the legal actions which may occur in sport activities or events. Tort, constitutional, contract and statutory laws are the basis for the course.

HK 440 Sport Facilities and Event Management. (3)

Prerequisite: HK 340.

Introduction to the many management and planning processes of producing a sporting event and the process of design, redesign, and maintenance of event facilities whether indoor or outdoor.

HK 451 Instructional Methods in Physical Education. (3)

Prerequisites: HK 351, ED 300, 302, and admitted to Teacher Education program.

Curriculum planning and design is followed by methodology of teaching team and individual activities. Experience is provided in preparing unit and lesson plans and in teaching selected activities following a set format.

HK 460 Exercise Programming for Special Populations. (3)

Prerequisite: HK 361 w/lab.

Basic epidemiology, ecology and pathophysiology of common disease states, recommendations for exercise and concerns for exercise for diseased and other special populations.

HK 461 Advanced Exercise Physiology. (4)

Prerequisite: HK 361 w/lab.

Study of advanced principles of exercise physiology; bioenergetics, adaptations that occur due to training at the molecular level, muscle physiology at the molecular level, environmental aspects of exercise, and effects of ergogenic aids. The lab component will consist of lab techniques to augment lecture material from the course.

HK 464 Advanced Mechanical and Kinesiological Principles of Human Movement. (3)

Prerequisites: BSB 221 and HK 390.

Mechanical and muscular analysis of movement in relation to exercise, dance and sports; analysis of movement patterns with emphasis on use in teaching motor skills.

HK 470 Motor Control and Learning. (3)

Prerequisite: PSY 101.

Study of the processes that lead to relatively permanent change in the performance of motor skills. Models and theories of practice, augmented feedback, information processing, and dynamic systems will be discussed.

HK 480 Advanced Theory in Prevention and Care of Athletic Injuries. (3)

Advanced examination and assessment techniques and immediate treatment and rehabilitation procedures for athletic injuries.

HK 490 Research in Exercise Science. (6)

Prerequisites: HK 361, 461.

This course is designed as an optional research project for students seeking a degree in exercise science. Students will be required to choose a topic, conduct a review of literature, develop methodology, gather data, analyze data and write the findings in the appropriate format.

HK 495 Sociocultural Foundations of Sport. (3)

Prerequisite: HK 260.

The role of sports and games in American cultures as expressive of meaning and values, the female athlete; the contribution of sports and games to human welfare.

HK 499 Special Topics in Health and Kinesiology. (1-6)

Course developed to meet special needs, research or current relevant topics in Health and Kinesiology.

C. Personal Health Courses

HKH 101 Personal and Community Health. (3)

Study of the basic health concepts relating to mental health, alcohol and drug abuse, nutrition, diet and weight control, sex education, quackery, environmental health, disease control.

HKH 330 Stress Management. (3)

This course is designed as an introduction to the relationship that exists between stress and health. Selected methods of relaxation and stress management will be discussed, demonstrated, practiced and analyzed.

HKH 380 Methods of Teaching Health Education. (3)

Prerequisite: HKH 101

An introduction to health programs for the school and community. Emphasis is placed on design, methodology and implementation of school/community health programs.

HKH 381 Community Health Issues. (3)

Prerequisite: HKH 101.

To study health concerns, epidemiological studies, contemporary health issues, personal and community health. Critical thinking, problem solving, and values clarification skills will be utilized.

Students must be admitted to Graduate Studies to enroll in courses numbered 500 or above.

HKH 501 Foundations of Health Education. (3)

The design of this course is to introduce the students to a study of the scientific, social, psychological, legal, and educational foundations of health education. Professional competencies and practice settings will be reviewed. This course serves as a

foundation for all other courses in health education and provides an overview of the field to the student from related areas.

HKH 510 Theories of Health Behavior. (3)

This course is designed to teach the fundamental theories of health behavior that provide the foundation for research and practice in health education. Instruction will include the theoretical models currently used in health education and how these models are used in conducting research. The effect of different philosophical positions on health education will be included.

HKH 511 Research Methods in Health Education. (3)

A research methods course is designed to provide the student with the basis for understanding and conducting research. This course focuses on the research in the area of health education. Specific emphasis will be placed on statistical procedures, research designs, techniques, and tools.

HKH 512 Health Program Planning and Implementation. (3)

Prerequisite HKH 511.

This course is designed to aid the student in the application of knowledge gained to practical situations; needs assessment, missions, goals, and objectives of planning and implementing health education programs. This course provides an overview of health promotion programs and systems, public health issues, and primary locations for health education resources with a focus on design and implementation. The student will develop proficiency in using equipment and skills to evaluate a population's health profile. Students will conduct on-site needs assessments and develop health education plans responsive to the identified needs of the respective setting(s).

HKH 513 Health Program Evaluation. (3)

Prerequisite HKH 511.

This course will include the principles and procedures to evaluate health promotion/disease prevention programs. Instruction will include data collection methods, instrument-scale development, measurement and evaluation designs. Program evaluation methods will include community, school, medical, and workplace settings.

HKH 514 Introduction to Epidemiology. (3)

Prerequisite HKH 511.

Epidemiology is the study of the distribution of diseases in a population and the factors that determine the distribution. This course is an introductory course in the disciplines of epidemiology. It will include an introduction to the definitions, concepts, techniques, and methodology necessary for understanding and conducting epidemiological research.

HKH 520 Physical Activity and Disease Prevention. (3)

This course is designed to present the role of physical activity and exercise in preventing and controlling certain diseases. Presentation will include the basic etiology of each disease state and the mechanisms by which physical activity and exercise reduce the chance of developing the disease. Cross-sectional and longitudinal studies that present the epidemiological data supporting the protective effect of physical activity will be presented. Recommendations for physical activity for each disease will be included.

HKH 525 Gender Issues in Health. (3)

This course is designed to distinguish and differentiate between major health concerns of men and women.

HKH 530 Stress Management. (3)

This course is designed as an introduction to the terminology and current research of stress and stress management. The relationship between stress and health will also be discussed. Selected methods of relaxation and stress management will be discussed, demonstrated, practiced, and analyzed.

HKH 542 Special Topics in Health Education. (1-6)

This course is designed to provide the Health Education graduate student an opportunity to pursue research in an area specific to their interest or to complete a special project as approved by the Program Coordinator.

HKH 598 Internship in Health Education. (6)

This course offers graduate students in health education an opportunity to gain practical and applied experience in community, school, worksite or health care environment. Each course participant is placed according to individual goals, experience, and/or training. The primary intent is to provide opportunities for the student to apply advanced knowledge and skills to practical situations.

HKH 599 Thesis in Health Education. (6)

The thesis is designed as the terminal research project for the Master of Science Degree. The primary intent is to provide an opportunity for students to conceptualize, design, initiate, and complete a significant research project. The completed thesis must demonstrate the student's ability to review and synthesize the related literature, develop appropriate research methodologies, collect and analyze data, and synthesize and interpret the results.

HONORS (HO)

HO 101 Honors Forum. (1)

Pass/Fail

Open only to honors students. The course consists of selected readings, special lectures, films and group discussion of current issues and problems.

HO 101G Honors Forum/Governor's School. (3)

This course is open only to academically talented high school students who have been selected to attend the Mississippi Governor's School. The course's focus is on academics, leadership, creativity, and community service. Students attend selected courses in arts, humanities, sciences, special lectures, forums, panel discussions, and other special events that address current issues and problems.

HO 303 Special Topics Seminar. (2)

This course offers students the opportunity to study selected topics that are more detailed and specific than what is offered in the general curriculum. The topics are often interdisciplinary, and the study is student motivated and directed. This course is taken by Honors students typically in their junior year.

HO 401 Independent Study I. (3)

A faculty-supervised reading course for junior or senior students who are participants in the university's Honors Program. The

readings are intended to prepare the student to undertake an independent research project in Independent Study II. To receive credit for HO 401, a research proposal written by the student must be approved by the Project Committee.

HO 402 Independent Study II. (3)

A faculty-supervised course that is taken after the completion of HO 401. Credit for this course is given when the student completes an independent research project. No credit is given for this course until the student presents an acceptable oral report and submits an acceptable paper based on the guidelines approved by the Honors Committee and the Project Committee.

INTERDISCIPLINARY STUDIES COURSES (IS)

IS 499 Interdisciplinary Studies Capstone. (3)

Prerequisites: Senior standing and approval of the Dean of Arts and Sciences.

A faculty-supervised senior project designed to synthesize the disciplines the student has pursued in the Interdisciplinary Studies degree. The student's project proposal must be approved in advance by the Interdisciplinary Studies Committee. No credit for this course will be awarded until the student submits an acceptable project and presents an acceptable oral report on the project.

LEADERSHIP COURSES (LDR)

LDR 101 Freshman Leadership Seminar. (1)

This course focuses on leadership foundations and structural dimensions of leadership. The students will apply these systems as they pursue a deeper understanding of themselves as a core resource for learning and leadership growth.

LDR 201 Sophomore Leadership Seminar. (1)

Prerequisite: LDR 101.

This course focuses on the psychology of leadership and the interpersonal skills necessary for leadership.

LDR 220 Paraprofessionals in the Collegiate Setting. (2)

This course focuses on paraprofessional leadership in a college setting. Students will examine various theories on college student development in order to gain an understanding of themselves and their peers. They will explore contemporary college student issues and develop the skills necessary to address these issues. This course will then explore the concepts of educational programming and developing communities within a collegiate setting.

LDR 250 Leadership Style/Substance. (2)

Introductory course on leadership. The exploration of leadership will begin by analyzing personal strengths and weaknesses, how relationships develop, and the importance of group dynamics. The class format will assist students in developing a personal leadership framework.

LDR 301 Junior Leadership. (1)

Prerequisites: LDR 101, 201 or LDR 250.

In this course students explore leadership in the context of the community, state, nation, and world.

LDR 401 Senior Leadership Seminar. (1)

Prerequisites: LDR 101, 201, 301 or 250.

In this capstone leadership course students will have the opportunity to analyze current trends and issues in the field of leadership.

LEARNING SKILLS (LS)

LS 099 Learning Skills Laboratory. (3)

Development and/or improvement of academic skills in writing, reading, comprehension and computation. Emphasis is placed on self-assessment and goal setting, learning strategies, test taking strategies. It is designed to use a computer laboratory, but also involves one-on-one teacher contact and peer tutoring. This course cannot be used to satisfy any graduation requirements.

LS 101-102 Academic Support Laboratory. (3-3)

Development and/or improvement of academic skills in writing, reading, comprehension and computation. This class is beneficial for the beginning college student but is critical for students who have experienced difficulty with their academic progress. Emphasis is placed on self-assessment and goal setting, learning strategies, test preparation and test taking strategies. It is designed to use a computer laboratory, but also involves one-on-one teacher contact and peer tutoring. This course cannot be used to satisfy any graduation requirements.

MATHEMATICS (MA)

MA 100 Intermediate Algebra. (3)

Designed for students who did not take two years of high school algebra, all entering freshmen with an ACT Mathematics subtest score of 16 or below, or for mature students who are returning to school and who have not taken an algebra course in several years. Real number arithmetic, solving linear equations and inequalities in one variable, graphing linear equations in two variables, polynomial arithmetic, factoring, rational expressions.

This course cannot be used to satisfy graduation requirements.

MA 100L Intermediate Algebra Lab. (1)

Prerequisite: Permission of the Department Chair of Sciences and Mathematics.

Support for students enrolled in MA 100 Intermediate Algebra is provided in a lab setting. Course content includes mathematics study skills instruction, peer tutoring, and support materials such as computer tutorials, video lessons, and study guides. This lab is an intermediate level class intended for those enrolled in MA 100 and cannot be used to satisfy graduation requirements.

MA 111 Modern Elementary Mathematics I. (3)

Students must score 70% or above on arithmetic test given first class meeting. Two other opportunities will be given to make the requisite score later in the semester. Required of all majors in elementary or special education. Sets, whole numbers, functions, logic, numeration and computation, number theory, integers, fractions, rational numbers, decimals, real numbers.

MA 112 Modern Elementary Mathematics II. (3)

Required of all majors in elementary or special education. Statistics, probability, measurement, informal geometry including congruence, constructions, similarity, transformations, and coordinate geometry.

MA 113 College Algebra. (3)

Prerequisite: 2 years high school algebra or MA 100.

Equations, inequalities, functions and their graphs, inverse functions, polynomials, zeros of polynomials, exponentials and logarithms, systems of equations, systems of inequalities.

MA 114 Plane Trigonometry. (3)

Prerequisite: MA 113.

Right triangle trigonometry, trigonometric and inverse trigonometric functions and their graphs, analytic trigonometry and applications.

MA 123 Statistics. (3)

An introduction to basic applications of descriptive and inferential statistics: organizing data, mean, median and mode, and standard deviation, boxplots, probability and discrete random variables, the binomial distribution, the normal distribution, sampling distribution of the mean, confidence intervals and hypothesis tests for one population mean, the chi-square distribution.

MA 130 Precalculus. (3)

Prerequisites: MA 113 or three years of high school mathematics which include two years of algebra.

This course will cover functions and their graphs, including polynomial and rational functions, trigonometric functions, and exponential and logarithmic functions; systems of equations; and sequences and series. Emphasis will be placed on knowledge, skills, and techniques needed in higher level mathematics courses such as Calculus I.

MA 150 Survey of Calculus. (3)

Prerequisite: C or better in MA 113 or three years of high school mathematics which include two years of algebra.

The basic concepts of differential and integral calculus with an emphasis on applications in business, life sciences, and social sciences. (This course does not substitute for MA 181 Calculus I.)

MA 181 Calculus I. (3)

Prerequisite: MA 113 and 114, or 130.

A thorough treatment of differential calculus including the concepts of limits, continuity, derivatives, and applications of derivatives.

MA 182 Calculus II. (3)

Prerequisite: MA 181.

A thorough treatment of integral calculus including Riemann sums, applications of integrals, and techniques of integration, as well as the calculus of transcendental functions.

MA 283 Calculus III. (3)

Prerequisite: MA 182.

Sequences and series, conic sections, parameterized curves, polar equations, functions of several variables, partial derivatives, and multiple integration.

MA 284 Calculus IV. (3)

Prerequisite: MA 283.

Vectors in the plane and in space, vector-valued functions, directional derivatives and gradients, extreme values and Lagrange

multipliers, and integration in vector fields, including Green's Theorem, Stokes' Theorem, and the Divergence Theorem.

MA 298 Independent Study. (1-3)

Prerequisites: MA 181 and permission of the Sciences and Mathematics Department Chair.

A faculty supervised course for math majors. It may meet as a class or it may be conducted as faculty-supervised research or as a reading course. May be repeated for a maximum of six hours.

MA 301 Concepts of Abstract Mathematics. (3)

Prerequisite: MA 181.

Logic, sets, proof techniques, relations, functions, and real number systems.

MA 303 Modern Geometry. (3)

Prerequisite: MA 301.

Euclid's axioms, incidence geometry, logic, Hilbert's axioms, neutral geometry, history of the parallel postulate, non-Euclidean geometry and its philosophical implications.

MA 304 Modern Algebra. (3)

Prerequisite: MA 301.

A writing course with an emphasis on proofs. Groups, rings and fields.

MA 305 Linear Algebra. (3)

Prerequisite: MA 182.

Systems of linear equations, vectors, matrices, vector spaces, linear transformations, determinants, eigenvalues and eigenvectors, and applications.

MA 306 Differential Equations. (3)

Prerequisite: MA 182.

First-order linear and separable equations, second-order homogeneous and non-homogeneous equations, first-order systems, and Laplace transforms. Analytic, qualitative, and numerical techniques are used when appropriate.

MA 310 Probability and Statistics. (3)

Prerequisite: MA 283.

Probability, basic combinatorics, independence, discrete and continuous random variables, probability distributions, probability densities, expected values, joint random variables, introductory descriptive and inferential statistics.

MA 312 Discrete Mathematics. (3)

Prerequisite: MA 301.

Fundamental topics within discrete mathematics including permutations, combinations, binomial theorem, inclusion-exclusion, mathematical induction, recursion, iteration, relations, functions, and other selected topics.

MA 318 Mathematics for Secondary School Teachers. (3)

MA 113 and one additional mathematics course numbered above MA 113.

To prepare education majors to teach mathematics at the middle school or secondary level, this problem-based course will examine topics from the secondary school mathematics framework from an advanced perspective. This course is required for the mathematics

secondary education major and cannot be used as an upper-level elective for the mathematics major or mathematics minor.

MA 319 Materials and Methods in the Teaching of Secondary Mathematics. (3)

Prerequisite: Admission to Teacher Education Program.

Required of all mathematics majors who will be licensed in secondary mathematics. Brief history of mathematics, objectives of the teaching of mathematics, consideration of topics that are or should be included in mathematics courses for junior and senior high school, a survey of instruction and technology in mathematics, and the use of these teaching techniques in specific teaching-learning activities. A minimum of ten hours of field experience beyond observation is required. This course is required for the mathematics secondary education major and cannot be used as an upper-level elective for the mathematics major or mathematics minor.

MA 441 Numerical Analysis. (3)

Prerequisites: MA 305, 306 and proficiency with a computer programming language.

Selected topics from numerical solutions of equations, interpolation, approximation, numerical differentiation, numerical solution of systems of equations, and numerical solutions of differential equations.

MA 451 Mathematical Statistics. (3)

Prerequisite: MA 310.

Theory and applications of sampling distributions, point estimation, interval estimation, hypothesis testing, regression, correlation, analysis of variance, nonparametric tests.

MA 454 Foundations of Mathematics. (3)

Prerequisite: MA 182 and MA 301.

Predicate calculus, first order logic, Godel's completeness theorem for first-order logic, Turing machines, discussion of Godel's first incompleteness theorem, axiomatic systems for different number systems, for groups and for set theory.

MA 455 Advanced Calculus I. (3)

Prerequisite: MA 284 and 301.

A rigorous treatment of the concepts from calculus: ordering the real numbers, sequence limits, completeness of the real numbers, continuity and its consequences, uniform continuity, the derivative, chain rule, Cauchy's law of the mean, Taylor's formula with remainder, L'Hopital's rule, Riemann integrals, integrability of continuous functions, products of integrable functions, improper integrals.

MA 457 Complex Analysis. (3)

Prerequisite: MA 284 and MA 301.

Introduction to functions of a single complex variable, which includes the complex number system, analytic functions, contour integrals, calculus of residues, conformal mappings, and applications.

MA 459 Theory of Numbers. (3)

Prerequisite: MA 301.

Properties of integers, properties of primes, divisibility, Euclidean algorithm, Diophantine equations, Chinese remainder theorem,

Wilson's theorem, Euler's theorem, multiplicative functions, quadratic residues, applications, other selected topics.

MA 460 Special Topics in Mathematics. (3)

May be repeated once (3-3). Prerequisite: permission of the Sciences and Mathematics Department Chair.

This course will provide students with an opportunity to study areas of mathematics not available as a separate course.

MA 461 General Topology. (3)

Prerequisite: MA 284 and MA 301.

Set theory and logic, topological spaces and continuous functions, convergence, completeness, compactness, metric spaces, product and quotient topology, countability and separation axioms.

MILITARY SCIENCE (MS)

MS 1112 Introduction to ROTC. (2)

One hour lecture. Two hours laboratory.

Increases self-confidence through team study and activities in basic drill, physical fitness, rappelling, first aid, and basic marksmanship. Students learn fundamental concepts of leadership.

MS 1113 Leader Development A (Compression). (3)

Students with MS 1112 or 1122 will not receive credit). Two hours lecture. Two hours laboratory. Combine MS 1112 and MS 1122. (Fall).

MS 1122 Introduction to Leadership. (2)

One hour lecture. Two hours laboratory.

Applies principles of effective leadership, develops communication skills to improve individual performance and group interaction, and relates organizational ethical values to the effectiveness of leaders.

MS 2113 Advanced Leadership. (3)

Two hours lecture. Two hours laboratory.

Applies leadership and problem-solving principles to complex case studies/simulations. Examines principles of subordinate motivation and organizational skills. (Fall).

MS 2123 Tactics and Officership. (3)

Two hours lecture. Two hours laboratory.

Introduces basic tactics. Examines national and Army values. Applies principles of ethical decision-making. Examines the legal and historical foundations, duties and functions of officers. (Spring).

MS 2223 Leader Development B (Compression). (3)

(Students with MS 2112 or 2122 will not receive credit). Two hours lecture. Two hours laboratory.

Combines MS 2112 and 2122.

MS 2256 Introductory Leadership Course. (6)

(The equivalent of MS 1112, 1122, 2122; or 1113 and 2223).

Summer leadership training course designed to introduce students to all facets of the military with a focus on understanding traditional military leadership values. (Summer).

MS 3113 Advanced Military Skills I. (3)

Prerequisites: MS 1112, 1122, 2112, and 2122 or instructor's

consent. Fall semester. Three hours lecture. Two hours laboratory.
Detailed instruction on squad offensive and defensive tactics, to include specialized operations. Additional instruction in combat leadership and operations orders.

MS 3123 Advanced Military Skills II. (3)

Prerequisites: MS 1112, 1122, 2112, 2122, 3113 or instructor's consent. Spring Semester. Three hours lecture. Two hours laboratory.

Advanced instruction on platoon tactical operations and small unit patrolling. Discussion on the operation and employment of weapons in the platoon.

MS 3376 Advanced Leadership Course. (6)

Prerequisites: MS 3113 and 3123.

Summer leadership training course designed to train and to evaluate cadet's leadership ability and officer potential. (Summer).

MS 4000 Directed Individual Study.

Hours and credits to be arranged. Maximum of six hours.

MS 4114 Leadership Challenges and Goal-Setting. (4)

Prerequisite: Military Science Status or consent of instructor).

Three hours lecture. Three hours laboratory.

Plan, conduct and evaluate activities of the ROTC organization. Develop confidence in skills to lead people and manage resources. Apply Army policies and programs. (Fall).

MS 4124 Transition to Lieutenant. (4)

Prerequisite: Military Science Senior Status or consent of instructor. Three hours lecture. Three hours laboratory.

Theory and practice of the laws of war, leadership, and resolving ethical problems.

MUSIC (MUS)

MUS 100 Music Appreciation. (3)

Elective for all students.

The course is designed to develop in the student a knowledge and appreciation of music through directed listening and study. (Fulfills Fine Arts Core Requirement)

MUS 101-102 Theory I-II. (3-3)

A study of the basic elements of music, including part-writing and harmonic analysis.

MUS 103-104 Theory Lab I-II. (1-1)

Sight singing, dictation, and keyboard harmony.

MUS 105 Introduction to Music Literature. (3)

Prerequisite: Music majors or minors only.

This course is designed to provide basic techniques of listening to music and to give an introduction to the musical styles of Western Art Music and music of other cultures. (Fulfills Fine Arts Core Requirement)

MUS 106 Jazz Ensemble. (1)

Repeatable.

An instrumental ensemble specializing in the performance of traditional and contemporary jazz. Open to all students. Audition required.

MUS 108 Instrumental Ensemble. (1)

Repeatable.

An instrumental ensemble which performs a variety of historical and contemporary literature. Open to all students. Audition required.

MUS 110 University Chorus. (1)

Repeatable.

A vocal ensemble which performs a variety of historical and contemporary literature. Open to all students. Audition required.

MUS 112 New Horizon. (1)

Repeatable.

A vocal-instrumental ensemble specializing in contemporary popular music styles. The ensemble represents MUW in performances throughout the year. Open to all students. Audition required.

MUS 114 Chorale. (1)

Repeatable.

A select vocal ensemble which performs a variety of choral literature. Open to all students. Audition required.

MUS 115 Madrigal Singers. (1)

Repeatable.

A select vocal ensemble specializing in secular and sacred music of Renaissance. Open to all students. Audition required.

MUS 116 Male Ensemble. (1)

Repeatable.

A vocal ensemble which performs a variety of choral literature for male voices. Open to all male students. Audition required.

MUS 121-122, 221-222, 321-322, 421-422 Major Piano, Voice, Instruments. (2-2)

Individual instruction in piano, voice, or instruments. Music majors must take each above listed course in their major area. Meets weekly for one hour. (Music majors only.) Audition required.

MUS 123-124 Class Piano I and II. (2-2)

MUS 123 may be repeated once. Prerequisite: Permission of the Department Chair of Music and Theatre.

Class instruction in basic keyboard techniques. Class Piano I is intended for students who have not received previous instruction in piano.

MUS 125 Elective Piano, Voice, Instruments. (1)

Repeatable.

Elective courses are for students not majoring or minoring in music. Before registering, a student must consult the Department of Music and Theatre. A fee is required (see "Fees and Expenses" in this catalog). Meets weekly for one-half hour.

MUS 126 Class Guitar. (2)

Class instruction on basic functional guitar techniques.

MUS 127 Secondary Piano, Voice, Instruments. (2)

Repeatable.

Individual instruction in piano, voice, or instruments. B.A. degree majors must take 4 hours of Secondary Applied; B.M. degree

majors must take 8 hours of Secondary Applied. Students minoring in music must take 4 hours of Secondary Applied or Class Applied. Meets weekly for one hour. Music majors and minors only. Audition required.

MUS 128-129 Class Voice I and II. (2-2)

Prerequisite: Permission of the Department Chair of Music and Theatre.

Class instruction in basic vocal techniques. Class Voice I is intended for students who have not received previous instruction in voice.

MUS 135 Great American Theatre Musicals. (3)

A study of artistic and technical development of the Broadway musical presented in a workshop exploration of music and scenes extracted from representative works.

MUS 151 Introduction to Music Therapy I: Foundations. (1)

An introduction to, and survey of, music therapy and the music therapy profession.

MUS 152 Introduction To Music Therapy I: Populations. (1)

Prerequisite: MUS 151.

A study of the potentials of music therapy with a variety of clinical populations including examination of the levels and areas of music therapy practice. Music Therapy majors only.

MUS 201-202 Theory III-IV. (3-3)

Prerequisite: MUS 101-102.

A continuation of the study of music theory, including extended harmony, counterpoint, and contemporary compositional practices.

MUS 203-204 Theory Lab III-IV. (1-1)

Prerequisite: MUS 103, 104.

Advanced sight singing, dictation, and keyboard harmony.

MUS 215 Diction for Singers. (2)

Prerequisite: Permission of the Department Chair of Music and Theatre.

Instruction in phonetics for singing in Italian, French, German, and English.

MUS 220 Class Instruments. (2)

Open to Music Education majors only.

Instruction in the methods of teaching brass and woodwind instruments.

MUS 242 Computers in Music. (3)

Open to all students with permission of the Music and Theatre Department Chair.

A combination lecture/laboratory course where students learn computer basics as they relate to music. Topics include computer music notation, MIDI sequencing, digital recording, digital sound processing, digital mastering, CAI software for music instruction, and music applications for the internet.

MUS 251 Clinical Skills I. (1)

A survey of structured instrumental, vocal, and movement techniques with an emphasis on development and application of leadership and music performance skills in therapeutic and recreational settings. Music Therapy majors only.

MUS 252 Clinical Skills II. (1)

Prerequisite: MUS 251, 121 (piano) or 127 (piano), or permission of the Department Chair of Music and Theatre.

A survey of improvisational instrumental, vocal, and movement theory and techniques, with an emphasis on development and application in therapeutic settings. Music Therapy majors only.

MUS 253 Music Therapy Observation. (1)

Prerequisite: Completion of MUS 151, 152, or permission of the Department Chair of Music and Theatre.

Observation and/or clinical practicum in music therapy. Music Therapy majors only.

MUS 255 Psychology of Music. (2)

A study of the basic psychological and acoustical processes of music as it relates to culture, perception, emotion, development, cognition, preference, and learning.

MUS 256 Music Therapy Research Methods. (2)

Prerequisite: PSY 101, MUS 255, or permission of the Department Chair of Music and Theatre.

An introduction to music therapy research methods with an emphasis on the reading, evaluation, and application of research findings and techniques in music therapy practice. Music Therapy majors only.

MUS 301-302 History Of Music. (3-3)

Prerequisite: MUS 105 or permission of the Department Chair of Music and Theatre.

A study of the growth of music from the ancient systems and instruments through twentieth century developments, including music of Western and other cultures.

MUS 303 Music Therapy Professional Skills. (1)

Prerequisite: Junior standing.

An examination of the issues which the music therapy student must be aware of as they plan for life after graduation. Topics include preparing for the professional internship, obtaining board certification, and establishing a career as a music therapist. Music Therapy majors only.

MUS 304 Music for Children. (3)

Open to General Education majors only.

A consideration of the fundamental principles, techniques, and procedures for teaching music in the elementary schools, grades K-8. Opportunities for reading and using current literature and materials are included.

MUS 305 Form and Analysis. (2)

Prerequisite: MUS 202.

A study of musical structure and style with analysis of representative works in the history of music.

MUS 309-310 Improvisation Techniques I-II. (1-1)

Prerequisite: MUS 204.

A laboratory in the techniques of melodic, rhythmic, and harmonic elements of popular music improvisation.

MUS 311-312 Commercial Music Theory I. (3)

Prerequisite: MUS 202.

An introduction to the harmonic, rhythmic, and formal elements of various popular music idioms. Includes the composition of original works for popular music ensembles and the analysis of examples from contemporary literature.

MUS 315 Conducting. (3)

Prerequisite: MUS 201, 202, 203, 204. Must be enrolled concurrently in MUS 114.

A study of the fundamentals of choral and instrumental conducting.

MUS 320 Music Education Materials and Methods. (3)

Music Education majors. Others by permission of the Department Chair of Music and Theatre. Prerequisite: MUS 315.

Preparation for teaching music at the elementary and secondary levels, including measurement and evaluation of learning and skill development. Areas of emphasis are singing, playing fretted and other instruments, rhythmic activity, general music classes, theory, and choral groups.

MUS 323 Piano Pedagogy. (3)

A survey of materials and principles related to piano teaching.

MUS 324 Voice Pedagogy. (3)

A survey of materials and principles related to vocal teaching.

MUS 331 Music Business. (3)

A general study of the music industry and music business opportunities. Includes copyrighting, publishing, music licensing, unions and guilds, artist management, contracts, and music merchandising.

MUS 351 Music Therapy with Children. (2)

Prerequisite: Completion of MUS 151, 152, 251, 252, or permission of the Department Chair of Music and Theatre.

Music therapy theories and techniques for children with special needs including developmental and physical disabilities, mental illness, and medical conditions. Music Therapy majors only.

MUS 352 Music Therapy with Adults. (2)

Prerequisite: Completion of MUS 151, 152, 251, 252, 351 or permission of the Department Chair of Music and Theatre.

Music therapy theories and techniques for adults and older adults with special needs including mental illness, medical conditions, traumatic brain injury and cerebrovascular accident, Alzheimer's disease and dementia. Music Therapy majors only.

MUS 353 Clinical Practicum I. (1)

Prerequisite: Completion of MUS 151, 152, 251, 252, and permission of the Department Chair of Music and Theatre.

Field experience (observation and participation) in an approved clinical facility. Music Therapy majors only.

MUS 354 Clinical Practicum II. (1)

Prerequisite: Completion of MUS 151, 152, 251, 252, 353 and permission of the Department Chair of Music and Theatre.

Field experience (observation and participation) in an approved clinical facility. Music Therapy majors only.

ED 401, 407 Professional Education Semester - Music. (3, 9)

These courses, listed under Education. ED 407 is taught by music faculty.

MUS 410 Internship. (3)

Commercial Music emphasis students only.
Work experience in areas related to the music industry.

MUS 420 Commercial Music History. (3)

Prerequisite: MUS 302 or permission of the Department Chair of Music and Theatre.

A study of the growth of various American popular music styles, including representative artists and works.

MUS 451 Music Therapy Principles. (2)

Prerequisite: Completion of MUS 151, 152, 251, 252, and passing score on all proficiency exams.

A study of current treatment theories and philosophies and their relationship to the principles of music therapy. Music Therapy majors only.

MUS 452 Music Therapy Practices. (2)

Prerequisite: Completion of MUS 151, 152, 251, 252, 451, and passing score on all proficiency exams.

A study of music therapy ethical, cultural, and political issues as they relate to professional music therapy practice. Music Therapy majors only.

MUS 453 Clinical Practicum III. (1)

Prerequisite: Completion of MUS 151, 152, 251, 252, all previous practicum experiences and permission of the Department Chair of Music and Theatre.

Field experience (observation and participation) in an approved clinical facility. Music Therapy majors only.

MUS 454 Clinical Practicum IV. (1)

Prerequisite: Completion of MUS 151, 152, 251, 252, all previous practicum experiences and permission of the Department Chair of Music and Theatre.

Field experience (observation and participation) in an approved clinical facility. Music Therapy majors only.

MUS 455 Advanced Clinical Practicum. (1)

Prerequisite: Completion of MUS 151, 152, 251, 252, 255, 256, 351, 352, 353, 354, and permission of the Department Chair of Music and Theatre.

Advanced field experience (observation and participation) in an approved clinical facility. Music Therapy majors only.

MUS 460 Music Therapy Internship. (1)

Prerequisite: Completion of all coursework for the music therapy major and permission of the Department Chair of Music and Theatre.

A 1020-hour AMTA approved clinical internship undertaken with the approval of the Music Therapy faculty advisor and the Department Chair of Music and Theatre. Music Therapy majors only.

NURSING COURSES—OPEN TO NON-NURSING MAJORS

The number of contact hours is indicated in parentheses following

total course credits.

NU 104 Math Application for Nurses. (1) (15)

Nursing Elective. Open to non-nursing majors. Fall and Spring Semesters.

This course will enhance the students' understanding of basic mathematic skills and their eventual application to accurate calculation of drug and solution dosages. Basic math concepts of number systems, fractions, decimals, percentages, ratio and proportion, and systems of measurement will be reviewed and practiced for future computation of drug dosages. This course cannot be used to satisfy graduation requirements.

NU 105 Pre-Nursing Seminar. (1) (15)

Nursing Elective. Open to non-nursing majors. Spring Semester.

This elective course is designed to provide the pre-nursing student with an overview of the nursing school experience. The student will participate in weekly one hour seminars to explore the realities of nursing school and help develop skills for success.

NU 110-111 Basic Life Support. (1-1) (15-15)

Prerequisite: None. NU 110 for certification and NU 111 for Re-certification. Open to any student on campus.

This course is designed to provide basic information about the incidence, risk factors, and emergency care of cardiac and non-cardiac sudden death. Students will learn one- and two-rescuer American Heart CPR, foreign body airway obstruction management and pediatric resuscitation.

NU 291 Medical Terminology for the Health Professions. (3) (45)

An introduction to the interchangeable word parts that are used over and over again in different combinations. Once this information is mastered the student will be able to "translate" complete terms and medical vocabulary and comprehension will increase. By the end of the course students will have been introduced to the most commonly used medical terms for the body systems; anatomical, physiological and pathological conditions; terms for special procedures, laboratory and pharmacology. This course is targeted for those planning careers in one of the health professions as well as those who desire to better understand terms used by health professionals.

NURSING—ASN PROGRAM (NU)

For each theory nursing course with an accompanying clinical course (NU 114/115, 124/125, 144/145, 214/215, 224/225) a grade of "C" or above is required in the theory course with a grade of "C" or better in the associated clinical course in order to progress. If this does not occur, both the theory and the clinical course must be retaken together.

NU 106 Learning Strategies for Nursing. (1) (15)

Nursing Elective. Prerequisites: BSB 120, 121, MA 113. Concurrent enrollment: NU 112, 114, 115, 116.

This course is designed to help the beginning student adapt to the nursing curriculum and to facilitate learning in NU 112, 114, 115, 116. Provides the beginning nursing student an opportunity to improve reading and study skills and practice critical thinking.

NU 112 Pharmacology and Drug Therapy in Nursing. (3) (45)

Prerequisites for Generic Program: BSB 120, BSB 121 and MA 113. Prerequisites for Advanced Placement Option: BSB 120, BSB 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325. Concurrent enrollment for Generic Program: NU 114, 115, 116, PSY 206, EN 101. Concurrent enrollment for Advanced Placement Option: NU 144, NU 145.

A course designed to prepare students for medication administration. Content includes general principles of pharmacology, the nurse's role in medication administration, classification of drugs, indications for groups of drugs, side and toxic effects, nursing measures, systems of measurement for drugs and calculation of dosages and solutions.

NU 114 Nursing I. (5) (75)

Prerequisites: BSB 120, BSB 121, MA 113. Concurrent enrollment: NU 112, 115, 116, PSY 206, EN 101.

A basic course designed to familiarize the student with the nature of nursing and the nurse's role in meeting the health needs of society. Emphasis is placed on the study and practice of the basic techniques of nursing care and the application of scientific principles.

NU 115 Nursing I Clinical. (1) (45)

Prerequisites: BSB 120, 121, MA 113. Concurrent enrollment: NU 112, 114, 116, PSY 206, EN 101.

Clinical course for NU 114. Designed to familiarize the student with the basics of clinical nursing and the nurse's role in meeting the health needs of society. Clinical focus is fundamental skills of nursing care.

NU 116 Nursing Role I. (1) (15)

Prerequisites: BSB 120, 121, MA 113. Concurrent enrollment: NU 112, 114, 115, PSY 206, EN 101.

The focus of this course is to delineate the role of the nurse as a member of the profession and a provider of care.

NU 124 Nursing II. (5) (75)

Prerequisites: BSB 120, 121, MA 113, PSY 206, EN 101, NU 112, 114, 115, 116. Concurrent enrollment: NU 125, 126, BSM 131 w/lab, HKC, FN 325.

This course introduces the student to the health-illness continuum and to the psychological and pathophysiological mechanisms which cause alterations in homeostasis of individuals.

NU 125 Nursing II Clinical. (3) (135)

Prerequisites: BSB 120, 121, MA 113, PSY 206, EN 101, NU 112, 114, 115, 116. Concurrent enrollment: NU 124, 126, BSM 131 w/lab, HKC, FN 325.

Clinical course for NU 124. Focuses on the human needs common to all persons. Experiences include clients with psychological and pathophysiological alterations with one or more basic needs.

NU 126 Nursing Role II. (1) (15)

Prerequisites: BSB 120, 121, MA 113, PSY 206, EN 101, NU 112, 114, 115, 116. Concurrent enrollment: NU 124, 125, BSM 131 w/lab, HKC, FN 325.

The focus of this course is to promote and facilitate the nurse's accountability and responsibility related to the role of member of profession and provider of care in various health care settings.

NU 144 Nursing Transition. (4) (60)

Prerequisites: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325. Concurrent enrollment: NU 112, 145.

Designed to facilitate Licensed Practical Nurses' skills and role transition to that of registered nurse. Includes content on the registered nurse's role and function that was not part of the student's LPN education and serves as a basis for entry into the second year nursing courses.

NU 145 Nursing Transition Clinical. (1) (45)

Prerequisites: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325. Concurrent enrollment: NU 112, 144.

Clinical course for NU 144. Selected skills from NU 115 and NU 125 are validated for entry into the third semester clinical course.

NU 214 Nursing III. (5) (75)

Prerequisites for Generic Program: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, HKC, FN 325, NU 112, 114, 115, 116, 124, 125, 126. Prerequisites for Advanced Placement Option: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325, NU 112, 144, 145. Concurrent enrollment for Generic Program: NU 215, 216, SOC 201. Concurrent enrollment for Advanced Placement Option: NU 215, 216, SOC 201, HKC.

This course continues to focus on the health-illness continuum in relation to alterations and interferences in homeostasis of individuals. Emphasis is given to the relationship(s) that exist between the pathological aspects of physiological and/or psychological conditions.

NU 215 Nursing III Clinical. (4) (180)

Prerequisites for Generic Program: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, HKC, FN 325, NU 112, 114, 115, 116, 124, 125, 126. Prerequisites for Advanced Placement Option: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325, NU 112, 144, 145. Concurrent enrollment for Generic Program: NU 214, 216, SOC 201. Concurrent enrollment for Advanced Placement Option: NU 214, 216, SOC 201, HKC.

Clinical course for NU 214. Experiences focus on utilization of the nursing process involving pathological aspects of physiological and psychological interferences.

NU 216 Nursing Role III. (1) (15)

Prerequisites for Generic Program: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, HKC, FN 325, NU 112, 114, 115, 116, 124, 125, 126. Prerequisites for Advanced Placement Option: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325, NU 112, 144, 145. Concurrent enrollment for Generic Program: NU 214, 215, SOC 201. Concurrent enrollment for Advanced Placement Option: NU 214, 215, SOC 201, HKC.

The focus of this course is to integrate and synthesize concepts related to the role of member of profession and provider of care in various health care settings.

NU 224 Nursing IV. (4) (60)

Prerequisites for Generic Program: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, HKC, FN 325, SOC 201, NU 112, 114, 115, 116, 124, 125, 126, 214, 215, 216. Prerequisites for Advanced Placement Option: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325, SOC 201, HKC, NU 112, 144, 145, 214, 215, 216. Concurrent enrollment: NU 225, 226, 235, COM 101.

A continuation of NU 214, this course provides further content in relation to alterations and interferences in homeostasis of individuals and pathological aspects of physiological and/or psychological conditions.

NU 225 Nursing Clinical IV. (4) (180)

Prerequisites for Generic Program: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, HKC, FN 325, SOC 201, NU 112, 114, 115, 116, 124, 125, 126, 214, 215, 216. Prerequisites for Advanced Placement Option: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325, SOC 201, HKC, NU 112, 144, 145, 214, 215, 216. Concurrent enrollment: NU 224, 226, 235, COM 101.

Clinical course to NU 224. Continues to focus on utilization of the nursing process involving pathological aspects of physiological and psychological interferences. Emphasis is placed on application of knowledge learned from all previous nursing courses which includes providing client care through management/leadership in a variety of health care settings.

NU 226 Nursing Role IV. (2) (30)

Prerequisites for Generic Program: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, HKC, FN 325, SOC 201, NU 112, 114, 115, 116, 124, 125, 126, 214, 215, 216. Prerequisites for Advanced Placement Option: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325, SOC 201, HKC, NU 112, 144, 145, 214, 215, 216. Concurrent enrollment: NU 224, 225, 235, COM 101.

The focus of this course is to delineate the manager role competencies which facilitate meeting the client's health care needs.

NU 228 NCLEX-RN Review. (1) (15)

Nursing Elective. Concurrent enrollment: NU 224, 225, 226, 235, or permission of program director.

Students must be in the last semester of the program or have graduated from a school of nursing. This course involves reviewing the nursing process and developing test-taking skills for NCLEX-RN through the use of computer simulated practice tests.

NU 230 ECG Interpretation. (3)

Prerequisites: NU 112, 114, 115, 116, 124, 125, and 126 or NU 112, 144, and 145. Concurrent enrollment: NU 214, 215, and 216.

This course introduces the student nurse to the principles and criteria utilized in basic cardiac rhythm interpretation. The course focuses on the necessary foundation needed to understand the normal electrical system of the heart; the systematic interpretation approach to dysrhythmias; and the different topics related to the heart including pacemakers and 12-lead ECG interpretation.

NU 235 ASN Preceptorship. (2) (90)

Prerequisites for Generic Program: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, HKC, FN 325, SOC 201, NU 112, 114, 115, 116, 124, 125, 126, 214, 215, 216. Prerequisites for Advanced Placement Option: BSB 120, 121, MA 113, PSY 206, EN 101, BSM 131 w/lab, FN 325, SOC 201, HKC, NU 112, 144, 145, 214, 215, 216. Concurrent enrollment: NU 224, 225, 226, COM 101.

This course provides the student the opportunity to synthesize and utilize knowledge learned during the program in a health care agency of their choice.

NU 353 Nurse Externship. (3) (320)

Nursing elective. Prerequisite: Open only to students who have completed their first year of nursing.

This course is designed to enhance the clinical development of students. Students are enrolled in the course of study and may participate as either an employee or a non-employee in a Mississippi Hospital. This experience provides the student the opportunity to practice learned skills repetitively, enhance interpersonal skills, and develop organizational skills. The student receives guidance, supervision and evaluation from a registered nurse preceptor in conjunction with nursing faculty.

NURSING—BSN PROGRAM (NU)

For each nursing course with an accompanying clinical course (NU 329/330, NU 350/351, NU 352/356, NU 426/427, NU 428/429, NU 454/455) a grade of “C” or above is required in the theory course with a pass in the associated clinical course in order to progress. If this does not occur, both the theory and the clinical course must be retaken together.

NU 275 Computers in Healthcare. (3) (45)

Prerequisites: Pre-nursing/nursing major or permission of the Baccalaureate Nursing Department Chair. Nursing Elective.

This course is designed to enhance the student’s knowledge of word processing and the World Wide Web specific to health care professionals.

NU 276 Cultural Diversity in Health Care. (3)

(45) Prerequisites: Pre-nursing/nursing major or permission of Baccalaureate Nursing Department Chair. Nursing Elective.

This course is designed to broaden the student’s perception and understanding of transcultural concepts related to health care.

NU 300 Pharmacology in Nursing. (4) (60)

Prerequisites: NU 301, 325. Concurrent enrollment: NU 3328, 329, 330.

This course introduces the student to the role of the nurse in using pharmacological agents. Content is organized around broad classifications of drugs with emphasis placed on mechanism of action, uses, routes, side effects, significant adverse reactions, contraindications, drug interactions, and nursing implications.

NU 301 Introduction to Basic Nursing Skills. (3) (45)

Prerequisite: completion of lower division courses. Concurrent enrollment: NU 325.

This course introduces the beginning nursing student to the skills and knowledge necessary to assist clients in performing basic activities of daily living.

NU 302 Nursing Retention. (2) (30)

Students who have received below a “C” grade in any required nursing course and are eligible for readmission must take this course prior to re-entry into the nursing program. It is designed to remediate deficiencies in order to continue with the clinical work.

NU 325 Concepts Utilized in Professional Nursing I. (3) (45)

Prerequisites: Completion of lower division courses. Concurrent enrollment: NU 301.

This course focuses on the concepts and issues relevant to professionalism in nursing, communication, and the holistic realm of nursing practice.

NU 328 Nursing Therapeutic Interventions: Health Assessment across the Life Span. (3) (45)

Prerequisites: NU 301, NU 320, NU 325. Concurrent enrollment: NU 300, 329, 330.

The purpose of this course is to provide the novice nursing student with the beginning skills necessary for performing and documenting a client-appropriate integrated health assessment

NU 329 Nursing Therapeutic Interventions: Care of Individuals. (4) (60)

Prerequisites: NU 301, 325. Concurrent enrollment: NU 300, 328, 330.

This course provides students with the knowledge to promote and maintain health of culturally diverse individuals in clinical settings.

NU 330 Clinical Practicum for NU 329. (3) (135)

Prerequisites: NU 301, 325. Concurrent enrollment: NU 300, 328, 329.

This course provides students with the opportunities to promote and maintain health of culturally diverse individuals in a clinical setting.

NU 350 Nursing Therapeutic Interventions: Care of Individuals and Families Experiencing Chronic Health Problems. (4) (60)

Prerequisites: NU 300, 301, 325, 328, 329, 330. Concurrent enrollment: NU 351, 352, 355, 356, 357.

This course provides students with the knowledge and skills related to the care of individuals and families with chronic health problems.

NU 351 Clinical Practicum for NU 350. (2) (90)

Prerequisites: NU 300, 301, 325, 328, 329, 330. Concurrent enrollment: NU 350, 352, 355, 356, 357.

This course provides opportunities for the student to care for individuals and families with chronic health problems.

NU 352 Nursing Therapeutic Interventions: Concepts of Care Concerning Women and Children: Developing Families. (4) (60)

Prerequisites: NU 300, 325, 328, 329, 330. Concurrent enrollment: NU 350, 351, 355, 356, 357.

This course provides students with the knowledge and skills related to family-centered care of women, infants, and children.

NU 353 Nurse Externship. (3) (320)

Nursing elective. Prerequisite: Open only to students who have completed their first year of nursing.

This course is designed to enhance the clinical development of students. Students are enrolled in the course of study and may participate as either an employee or a non-employee in a Mississippi Hospital. This experience provides the student the opportunity to practice learned skills repetitively, enhance interpersonal skills, and develop organizational skills. The student receives guidance, supervision and evaluation from a registered nurse preceptor in conjunction with nursing faculty.

NU 355 Sociocultural Responsibility in a Global Society. (2) (30)

Prerequisites: NU 300, 301, 325, 328, 329, 330. Concurrent enrollment: NU 350, 351, 352, 356, 357.

This course assists students with expanding their knowledge base regarding diversity of cultures and religion in a global society focusing on application to nursing practice.

NU 356 Clinical Practicum for NU 352. (2) (90)

Prerequisites: NU 300, 301, 325, 328, 329, 330. Concurrent enrollment: NU 350, 351, 352, 355, 357.

This course provides students with opportunities to provide family-centered care for women, infants, and children.

NU 357 Leadership and Management for the Professional Nurse II. (2) (30)

Prerequisites: NU 300, 301, 325, 328, 329, 330. Concurrent enrollment: NU 350, 351, 352, 355, 356.

This course introduces the leadership/management concepts of planning and organizing.

NU 359 Professional Transition. (12) Theory=9 hrs (135) Clinical=3 hrs (135).

Prerequisite: Completion of lower division courses.

This course is designed for the registered nurse as a transition into the baccalaureate curriculum. It integrates principles and concepts from the baccalaureate nursing courses taught at the sophomore and junior level and serves as a basis for entry into the senior year of the curriculum. Successful completion of this course serves as validation for a total of 26 credit hours (300, 320, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357, 356).

NU 425 Theory and Research I. (2) (30)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357, or 359. Concurrent enrollment: NU 426, 427, 428, 429, 430, or 465, 467.

The purpose of this course is to provide a forum for the discussion of theories pertaining to the discipline of nursing and to teach the reason and structure for nursing research.

NU 426 Nursing Therapeutic Interventions: Dimensions of Community Practice I: Care of Groups, Aggregates and Communities. (4) (60)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352,

355, 356, 357. *Concurrent enrollment:* NU 425, 427, 428, 429, 430.

This course provides students with the knowledge and skills to care for groups, aggregates and communities. Emphasis is placed on health promotion, disease prevention, and systems inter-relatedness with the environment.

NU 427 Clinical Practicum for NU 426. (2) (90)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357. *Concurrent enrollment:* NU 425, 426, 428, 429, 430.

This course provides opportunities to develop skills in prevention in community settings and to improve skills in secondary and tertiary settings.

NU 428 Nursing Therapeutic Interventions: Care of Individuals Experiencing Acute Health Alterations. (4) (60)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357. *Concurrent enrollment:* NU 425, 426, 427, 429, 430.

The focus of this course is on the knowledge and skills needed to care for clients experiencing acute health alterations.

NU 429 Clinical Practicum for NU 428. (2) (90)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357. *Concurrent enrollment:* NU 425, 426, 427, 428, 430.

Students will collaborate with other health care providers in a variety of settings to care for culturally diverse clients experiencing acute health alterations.

NU 430 Leadership and Management for the Professional Nurse II. (2) (30)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357. *Concurrent enrollment:* NU 425, 426, 427, 428, 429.

This course introduces the student to the principles of staffing, scheduling, directing, time management, delegation, supervision, group communication, and conflict management.

NU 449 Theory and Research II. (2) (30)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357, 425, 426, 427, 428, 429, 430, or 359, 425, 465, 467. *Concurrent enrollment:* NU 454, 455, 456, 457, or 457, 469.

This course offers theoretical content on those theories pertinent to the current clinical content. The areas of research covered will be collection, analysis, and discussion of the research data.

NU 453 Death, Dying and Bereavement. (3) (45)

Nursing Elective.

This course is designed as an elective study of death, dying, bereavement and related issues. The course is designed for anyone who desires to think and feel deeply about the meaning of life in its many relationships. The primary purpose of death education is to enrich life through the maturing of values. After confronting death imaginatively through lectures, reading, thinking, discussions and group projects, students can be more comfortable when dealing with the dying and their families. Students can learn to face and accept death as a natural fact of life and thereby be more

supportive when explaining death to children and more sensitive to the complex ethical issues related to death and dying. Open to non-majors.

NU 454 Nursing Therapeutic Interventions: Care of Individuals Experiencing Complex Health Alterations. (4) (60)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357, 425, 426, 427, 428, 429, 430. *Concurrent enrollment:* NU 449, 455, 456, 457.

This course focuses on the theory necessary to care for clients experiencing complex health alterations.

NU 455 Clinical Practicum for NU 454. (3) (135)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357, 425, 426, 427, 428, 429, 430. *Concurrent enrollment :* NU 449, 454, 456, 457.

Students will provide care and collaborate with other professionals in caring for clients with complex health alterations.

NU 456 NCLEX Tools and Measurement. (1) (15)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357, 425, 426, 427, 428, 429, 430. *Concurrent enrollment:* NU 449, 454, 455, 457.

This course helps provide skills necessary for successful completion of the NCLEX exam.

NU 457 Skills for Professional Nursing Transition: Preceptorship. (4) Theory (.5) (7.5) Clinical (3.5) (157.5)

Prerequisites: NU 300, 301, 325, 328, 329, 330, 350, 351, 352, 355, 356, 357, 425, 426, 427, 428, 429, 430, or 359, 425, 465, 467. *Concurrent enrollment:* NU 449, 454, 455, 456, or 449, 469.

This course is designed to provide students the opportunity to synthesize and utilize knowledge gained in their educational setting in a clinical setting.

NU 460 Independent Study. (1-3)

Prerequisite: completion of junior level courses. *Must have permission of Baccalaureate Nursing Department Chair.*

The student has the opportunity to choose an area of interest in nursing. Study is pursued independently, utilizing guidelines developed under the guidance, supervision and evaluation of the faculty.

NU 463 Care of the Dying. (3) (45)

Nursing Elective. Prerequisite: NU 453.

This course is designed to explore a variety of issues related to the professional care of dying clients. It is designed to provide students with a solid knowledge base in this aspect of clinical Thanatology. Through class exercises and assignments, students will explore their own reactions to situations related to dying clients and then apply their knowledge to problem solving.

NU 465 Professional Perspectives: Dimensions of Community Nursing Practice. (6) Theory=4 (60) Clinical=2 (90)

Prerequisite: NU 359, *concurrent enrollment:* NU 425, 467.

This courses is designed to provide students with opportunities to expand their knowledge and skills related to partnering with families, aggregates, and communities that are experiencing a

multiplicity of actual or potential stressors. Emphasis is placed on measures that promote health and prevent disease, the role of the nurse, the inter-relatedness of health care systems with the environment, life-style factors, and the process of effecting change for the purpose of health care improvements through partnerships developed in the community. Experiences are designed to enhance skills in primary, secondary and tertiary prevention strategies.

NU 467 Professional Perspectives: Leadership and Management in the Health Care System. (4) (60)

Prerequisite: NU 359, concurrent enrollment: NU 425, 465.

This course builds on the NU 359 planning function of management content and introduces the student to the management functions of organizing, directing and controlling functions of management. The content for this course includes concepts related to: organizational structure; organizational, political and personal power; modes of organizing patient care; staffing; team building; scheduling; motivation; communication; delegation; conflict management; quality control; performance appraisal; discipline; employees with special needs; and employment issues in labor and management. In addition, this course builds on the fiscal planning content from NU 359 and explores the basic concepts of Care Management (case management) to include: relating care management to the nursing process, organizational considerations in a managed care environment, and the impact of care management on health care. Successful completion of this course serves as validation for a total of 4 credit hours (NU 428/429).

NU 469 Professional Perspectives: Complex Health Alterations and Threats to Health. (6) Theory=4 (60) Clinical=2 (90).

Prerequisites: NU 359, 425, 465, 467, concurrent enrollment: NU 449, 457.

This course is offered the last semester of the senior year. The focus in this course is on the application of nursing concepts to complex client situations in a variety of health care settings. Learning activities provide students with opportunities to enhance their skills and knowledge in the nursing roles of provider, collaborator, and manager of care, as well as those of change agent and patient advocate. Successful completion of this course serves as validation for a total of 1 credit hour (NU 455).

NU 473 Legal Issues in Nursing. (3) (45)

Prerequisite: pre-nursing ASN or BSN Student or paralegal student.

This course is designed as an elective study of the legal issues facing nursing. It is designed for those who desire to assess litigation risks in the clinical setting, apply risk management principles, and review legal case studies relative to the health care delivery system. Through lectures, group discussions, case presentations and formal papers, the student will become even more aware of legal responsibility and accountability of nurses in all clinical settings. Strategies to address litigation risks on the primary, secondary, and tertiary level will be emphasized.

NURSING—MSN PROGRAM (NU)

NU 501 Advanced Pharmacology. 3(3,0)

Prerequisites: NU 503/513.

Assists the learner to evaluate therapeutic strategies for improving human responses to actual and potential health problems. Emphasis is placed on pharmacologic therapy management by nurse practitioners in independent and collaborative practice. The concept of compliance/collaboration for promoting change is examined. The role dimensions of evaluator and collaborator are implemented.

NU 502 Advanced Theoretical Issues in Nursing and Ethics. 2(2,0)

Concurrent enrollment: NU 508.

Assists the learner in analyzing and evaluating selected theories appropriate for advanced practice nursing. Learners are expected to explore their professional beliefs and value systems. The relationships between theory, practice, and research are examined. The process of theory development, evaluation, and testing is explored. Practical application of nursing, developmental, ethical, family, health, and other theories will be examined.

NU 503 Advanced Health Assessment. 5(3,2)

Concurrent enrollment: NU 513. (128 clinical hours).

Building upon prerequisite knowledge and skills for health assessment, this course is designed to provide learners with the theoretical and clinical basis for advanced nursing practice. Emphasis is placed on development of advanced assessment competencies that enable learners to promote wellness, prevent illness, and detect acute and chronic health problems among family populations whose members are diverse ages. Clinical experiences occur in primary and long-term care settings with pediatric, adult, and geriatric clients.

NU 505 Primary Care Management I. 7(3,4)

Prerequisites: NU 503/513; concurrent enrollment: NU 501. (256 clinical hours).

Provides learners with advanced nursing knowledge and competencies relative to clinical management of actual and potential health problems in the primary care setting. Didactic and clinic experiences enable students to promote wellness and treat health problems of clients within the scope of the family nurse practitioner role. Clinical experiences are provided that encompass clients across the age span in a variety of primary care settings. The role dimensions of manager, collaborator, and teacher for the family nurse practitioner are refined.

NU 506 Primary Care Management II. 6(2,4)

Prerequisites: NU 501/503/505/513, concurrent enrollment: NU 512. (256 clinical hours).

Provides learners with the nursing knowledge and competencies to manage common health problems and preventive services. The family nurse practitioner role is implemented with emphasis on the role dimensions of evaluator, case manager, consultant, and leader. Using a team approach, learners develop a management plan for identifying health-related problems. Clinical experiences are expanded to encompass a wider variety of primary care settings based on the student's individual interests and needs.

NU 507 Advanced Health Assessment: Pediatric. (4)

Concurrent enrollment NU 513. (128 clinical hours).

Building upon prerequisite knowledge and skills for health assessment, this course is designed to provide learners with the

theoretical and clinical basis for advanced nursing practice. Emphasis is placed on development of advanced assessment competencies that enable learners to promote wellness, prevent illness, and detect acute and chronic health problems among pediatric populations across the age span. Clinical experiences occur in primary and acute care settings with newborns, infants, toddlers, children, and adolescent clients and their families.

NU 508 Advanced Nursing Research and Evidence Based Practice Strategies. 3(3,0)

Assists learners to develop the role dimension of nurse researcher. The application of research to advanced nursing practice and the role of primary care provider are evaluated. Using research strategies combining nursing informatics and evidence based practice (EBP), learners develop a formal research proposal.

NU 512 Advanced Practice Role Development. 2(2,0)

Prerequisite: NU 505; concurrent enrollment: NU 506.

Provides an introduction to advanced practice nursing and the nurse practitioner role from novice to expert. A historical perspective of the development of the expanded role is included. Issues related to current and future practice are addressed from a variety of perspectives ranging from entrepreneur to change agent.

NU 513 Advanced Pathophysiology. 3(3,0)

Concurrent enrollment: NU 503.

Building on prerequisite knowledge in pathophysiology, this course is designed to provide the learner with an advanced theoretical understanding of disordered physiologic mechanisms or disease states for selected health problems. Emphasis will be on the mechanism for production of the symptoms and signs for selected disease syndromes. Thus, the learner will be prepared to discriminate the mechanisms underlying the disease and its clinical manifestations as a basis for assessing and developing a plan of care.

NU 515 Cultural and Rural Issues in the Helping Professions. (3)

This course is designed to assist the graduate learner to develop awareness and competencies for dealing with culturally diverse and rural issues encountered by helping professionals. A variety of cultural and rural considerations are explored. Elective Course.

NU 516 Primary Care of Families and Communities. 2(2,0)

Prerequisites: NU 502/503; concurrent enrollment: NU 512.

Prepares the family nurse practitioner to build on a family science knowledgebase to interpret a global perspective in promoting partnerships that advocate the health and welfare of selected populations. Exploration of a community need is addressed within a primary healthcare context. The nurse practitioner's role in health promotion and disease prevention from culturally diverse perspectives is included. Application of the nursing process to families and communities from an advanced practice perspective is made in this course.

NU 517 Women's Issues. (3).

This course is designed to provide students with an opportunity to evaluate current issues facing women. Elective Course.

NU 518 Primary Care Management I: Pediatric. 6(2,4)

Prerequisites: NU 507/513; concurrent enrollment: NU 501. (256 clinical hours).

Provides learners with advanced nursing knowledge and competencies relative to clinical management of actual and potential health problems in the primary care setting. Didactic and clinic experiences enable students to promote wellness and treat health problems of clients within the scope of the pediatric nurse practitioner role. Clinical experiences are provided that encompass newborns, infants, toddlers, children, and adolescents in a variety of primary care and acute care settings. The role dimensions of manager, collaborator, and teacher for the pediatric nurse practitioner are refined. Elective Course.

NU 519 Alternative Therapeutic Interventions. (3).

This course is designed to provide students with content and experiences in therapeutic interventions such as herbal therapies, therapeutic touch, humor, and massage. Elective Course.

NU 550 Advanced Primary Care Procedures. 2(2,0)

Prerequisite: NU 503. concurrent enrollment: NU 505.

Enables learners to master advanced practice competencies for use in primary clinical practice. The learners explore both theoretical and practical aspects of a variety of procedures for application such as EKG interpretation, microscopy, minor lesion removal, suturing, splinting, and radiology.

NU 560 Special Topics in Nursing. (1-6).

This course will address selected didactic or clinical topics of interest in primary care. Courses will be designed to provide opportunity for transition to the advanced practice nurse role or to increase understanding of current health issues.

NU 570 Advanced Healthcare Policy and Politics. 2(2,0)

Prerequisite: PERM.

Assists learners to analyze health policy, politics, healthcare delivery systems, organizations and finance from the perspectives of healthcare leadership and advanced nursing practice, and to design strategies enhancing cost-effective quality-care for diverse populations.

NU 597 Clinical Research Project. 2(Variable credits per semester)

Prerequisite: NU 508, concurrent enrollment: NU 505/506 (as applies).

Assists learners to apply evidence based practice research methodologies to synthesize theoretical, scientific, and contemporary clinical knowledge for selected advanced practice nursing problems.

NU 599 Thesis. 6(Variable credits per semester)

Prerequisite: NU 502/508.

Assists learners to further develop advanced nursing research competencies. Learners are expected to design, implement, and evaluate formal research relevant to advanced practice nursing. The study is presented as a written thesis and defended orally.

The GNP clinical track requires six graduate courses offered over three semesters of study (spring, summer, and fall), with one didactic and one practicum course each semester. The six (6) semester hours of didactic classes are taken online with distance

learning activities completed independently via both synchronous and asynchronous computer technologies.

NU Clinical Management of Older Adults, I. (2)

This didactic course is focused on the principles of aging and health, advanced assessments of older adults of diverse cultures, and common geriatric issues and syndromes with emphasis on wellness, prevention, maintenance, and early health care interventions in rural settings.

NU Clinical Management of Older Adults, Practicum I. (3)

This 180-hour practicum is focused on the diagnosis and treatment of acute and chronic health problems of older adults of diverse cultures, with emphasis on wellness, prevention, maintenance, and early health care interventions in rural health care settings.

NU Clinical Management of Older Adults, II. (3)

This didactic course is focused on the diagnosis and treatment of common acute and chronic geriatric illnesses and complex health problems of older adults of diverse cultures, including frail and demented older adults in rural settings.

NU Clinical Management of Older Adults, Practicum II. (3)

This 180-hour practicum is focused on the diagnosis and treatment of acute and chronic health problems of older adults of diverse cultures, with emphasis on advanced health care interventions with frail and demented older adults in rural health care settings.

NU Clinical Management of Older Adults, III. (1)

This didactic course is focused on synthesis of theory into evidence-based advanced gerontological nursing practice with older adults and their families of diverse cultures, integration of GNP roles, and practice management in selected rural health care systems.

NU Clinical Management of Older Adults, Practicum III. (4)

This 240-hour practicum is focused on synthesis of theory into evidence-based advanced gerontological nursing practice with older adults and their families of diverse cultures, integration of GNP roles, and practice management in selected rural health care systems.

Overview of the PMHNP Clinical Track

The Psychiatric Mental Health Nurse Practitioner Clinical Track provides graduate students and/or currently practicing Advanced Practice nurses with specialization in the care of individuals, families, and groups with mental health problems and mental disorders.

In accordance with ANCC certification, the PMHNP clinical track offers two foci, the Adult PMHNP and the Family PMHNP. Both foci include six graduate courses offered over three semesters of study (summer, spring, and fall), with one didactic and one practicum course each semester. The three sets of courses are sequential and co-requisites. This clinical track may be completed as a single or a dual focus for a MSN degree or as a Post-Master's Certificate option.

NU Clinical Assessment of Persons with Mental Health Problems I. (2)

This didactic course is focused on a theoretical basis for advanced psychiatric mental health nursing practice with persons of diverse cultures in rural settings experiencing or at risk for common mental health problems and major psychiatric disorders. Emphasis is on the mental health environment and advanced clinical processes, including communication strategies, psychiatric assessments, and diagnostic standards.

NU Clinical Assessment of Persons with Mental Health Problems, Practicum I (3)

This 180-hour practicum is focused on the application of theoretical concepts and assessment skills with persons of diverse cultures in rural health care settings experiencing or at risk for common mental health problems and major psychiatric disorders. Clinical hours are focused on either adults or families.

NU Clinical Management of Individuals with Mental Health Problems, II. (3)

This didactic course is focused on the advanced nursing practices of assessment, diagnosis, treatment planning, evaluation, and documentation of individuals of diverse cultures in rural settings experiencing common mental health problems, major psychiatric disorders, and psychiatric complications of physical illnesses.

NU Clinical Management of Individuals with Mental Health Problems, Practicum II. (4)

This 180-hour practicum is focused on integration of theory and evidence-based practice in assessment, diagnosis, intervention, and documentation of individuals of diverse cultures in rural health care settings experiencing mental health problems, major psychiatric disorders, and psychiatric complications of physical illnesses. Clinical hours are focused on either adults or families.

THIRD SEMESTER (SPRING)

NU Clinical Management of Families and Groups with Mental Health Problems, III (1)

This didactic course is focused on evidence-based conceptual models, theories, and techniques for therapies with groups, couples and families of diverse cultures across the lifespan. The clinical roles, practice management activities, and strategies for complex mental health issues in rural settings also are evaluated.

NU Clinical Management of Families and Groups with Mental Health Problems, Practicum III (4)

This 240-hour practicum is focused on evidence-based psychoeducation, supportive therapy, and psychotherapy with groups, couples, and families of diverse cultures and on synthesis of clinical roles, practice management activities, and strategies for complex mental health issues in rural health care settings. Clinical hours are focused on either adults or families.

PHILOSOPHY (PHL)

PHL 201 Introduction to Philosophy. (3)

An introduction to the language, methods, major types, basic world views, and principal problems of philosophy.

PHL 202 Aesthetics. (3)

A study of the philosophical issues involved in the experience, the values, and the criticism of the arts. Student projects: investigation of specific problems and proposed solutions chosen from any of the arts.

PHL 204 Ethics. (3)

A study of representative ethical theories from classical to modern times with emphasis on the application of these theories to current ethical problems.

PHL 205 Logic. (3)

The principles of logic, including a study of argumentation and the common fallacies of reasoning.

PHL 206 Sport Ethics. (3)

This course introduces basic ethical theories and principles and then focuses upon their application to a variety of problems encountered in sports activities. The course deals with issues that arise most often when sport is viewed as a profession. However, since sport is so important in our society (for both competitor and spectator), one would not have to be professionally involved in sport to benefit from this course.

PHL 301 Ancient and Medieval Philosophy. (3)

A historical survey of the development of philosophy from the first philosophers of Greece through the medieval period. Major emphasis will be on the writings of Plato, Aristotle, Augustine, and Aquinas.

PHL 302 Modern Philosophy. (3)

A historical survey of the development of philosophy since the Medieval period. Selected readings from the great modern thinkers.

PHL 304 Philosophy of Religion. (3)

A study of the rational justification of religious beliefs with an emphasis on the traditional arguments for and against the existence of God.

PHL 305 Nursing Ethics. (3)

Prerequisite: Not open to first-year students.

This course is designed for students pursuing a professional career in various fields of nursing. Through classroom lecture, discussion, and case analysis exercises, students develop skills at recognizing, analyzing, and resolving ethical dilemmas that are a part of every-day nursing practice.

PHL 306 Business Ethics. (3)

Not open to first-year students.

A philosophical investigation of how to analyze ethical problems and implement ethical decisions in the various fields of business.

PHL 307 Medical Ethics. (3)

Not open to first-year students.

A philosophical study of situations requiring ethical decision-making in the area of medicine.

PHL 450 Special Topics in Philosophy. (3)

Course may be taken for credit twice; credit may not exceed 6 hours.

PHL/POL 451 Political and Social Philosophy. (3)

A study of alternative philosophical systems as they interpret such concepts as liberty, authority, justice, and law in human societies and politics.

PHL 465 Contemporary Ethical Problems. (3)

A study in some detail of various ethical problems encountered in professional settings. Focus upon problematic situations requiring decisions by professional people.

PARALEGAL STUDIES—(PLG)

NOTE: Prerequisites may be waived ONLY with Director's written approval.

PLG 101 Introduction to the Legal Profession. (3)

The definition and role of the paralegal in the practice of law. History and organization of the profession. Ethics and professional responsibility. Introduction to law, the legal system, litigation, and legal analysis. Prerequisite for all other paralegal courses.

PLG 200 Legal Bibliography and Research I. (3)

Prerequisite or concurrent enrollment: PLG 101.

This course focuses on legal research basics using legal digests, encyclopedias, statutory material, citations to reporters, and basic electronic research.

PLG 202 Legal Bibliography and Research II. (3)

Prerequisites: PLG 101, 200, and 241.

This course is a continuation of PLG 200 and focuses on legal research and bibliographies with emphasis on advanced electronic research, and the preparation of legal memorandums and writing.

PLG 241 The Legal Environment of Business. (3)

An environmental approach to the study of law including a background of the economic and legal environment as it pertains to profit and/or nonprofit organizations along with ethical considerations and social and political influences as they affect such organizations.

PLG 301 Contracts. (3)

Prerequisites: PLG 101, 200, and 241; prerequisite or concurrent enrollment: PLG 202.

The objectives of this course are to acquaint students with contractual terminology, elements of contracts, effects of breach and rescission, computation of damages, practical aspects of contract construction and uniform commercial code.

PLG 303 Torts. (3)

Prerequisites: PLG 101, 200, and 241; prerequisite or concurrent enrollment: PLG 202.

Acquaints students with tort terminology, elements of tort actions, computation of damages and practical aspects of tort litigation and defense.

PLG 325 Business Organizations. (3)

Prerequisites: PLG 101, 200, and 241; prerequisite or concurrent enrollment: PLG 202.

Includes an introduction to various business organizations such as Partnerships and Limited Liability Companies with an emphasis on corporations, incorporation procedure, corporation finance, business planning, contract law and corporate counsel. Areas also

covered are corporate employees and shareholders, corporate operations, security laws, regulatory compliance, merger and acquisition, sales and termination.

PLG 327 Estates, Trusts and Wills. (3)

Prerequisites: PLG 101, 200, and 241; prerequisite or concurrent enrollment: PLG 202.

Introduction to estates as well as wills; intestacy and administration; assets of estates; and federal estate tax.

PLG 330 Legal Writing. (3)

Prerequisites: PLG 101, 200, and 241. Concurrent enrollment: EN 300.

A study of the prose of the legal profession, including work with contracts, letters, memoranda of law, briefs, and court documents such as pleadings, discovery, and motions.

PLG 340 Law Office Technology and Management. (3)

Prerequisites: BU 157, PLG 101, 200 and 241.

This course focuses on the use of technology in the law office emphasizing computers and computer applications. Word processing programs and legal software programs will be used. The course will emphasize management, production, personnel, research and record keeping.

PLG 401 Special Topics in Paralegal Studies. (1-3)

Prerequisites: PLG 101, 200, and 241. May be repeated for credit based on change of topic.

PLG 427 Administrative Law. (3)

Prerequisites: PLG 101, 200 and 241; prerequisite or concurrent enrollment: PLG 202.

Acquaints a student with Administrative Agency Law on a State and Federal level, such as Social Security, Worker's Compensation, Environmental Protection Agency, etc. The student will study regulations, hearing procedures and appeals.

PLG 428 Real Estate Law. (3)

Prerequisites: PLG 101, 200, and 241 or Director's approval; prerequisite or concurrent enrollment: PLG 202.

Introduction to estates in real property. Includes such topics as transfers, mortgages, recording statutes, platting descriptions, title searches, real estate closings, and title insurance.

PLG 429 Civil Litigation. (3)

Prerequisites: PLG 101, 200, and 241; prerequisite or concurrent enrollment: PLG 202.

Introduction to basic principles of procedural law. Areas of study are the proper conduct of the client interview, initiating the civil action, and answering in defendant's behalf. Other areas include informal discovery, motions for summary judgment, settlement, pretrial procedures, assisting at trial, and postjudgment activities.

PLG 431 Criminal Law. (3)

Prerequisites: PLG 101, 200, and 241; prerequisite or concurrent enrollment: PLG 202.

A study of criminal liability, the Fifth and Sixth Amendments, pre-trial discovery, indictments, and pleas.

PLG 432 Family Law. (3)

Prerequisites: PLG 101, 200, and 241 or Director's approval; prerequisite or concurrent enrollment: PLG 202.

An examination of matrimonial law, adoption, the commercial law aspects of family life, and family law practice.

PLG 433 Environmental Law. (3)

Prerequisites: PLG 101, 200, and 241; prerequisite or concurrent enrollment: PLG 202.

Survey of environmental laws and cases geared toward helping the paralegal have a working knowledge of environmental law and how environmental law may impact the different aspects of working cases with which a paralegal may come in contact.

PLG 434 Bankruptcy Law. (3)

Prerequisites: PLG 101, 200, and 241; prerequisite or concurrent enrollment: PLG 202.

Survey of bankruptcy laws and cases with practical experience in completing the forms and obtaining the information from the clients.

PLG 440 Practical Legal Lab. (3)

Prerequisites: Senior standing and must be taken in last semester prior to graduation.

This course is practical in nature. Students select an area of specialization and are then placed in a legal setting where they exercise those skills and information developed in the classroom. The evaluation of the student's ability is done as a combined effort of a paralegal faculty member and a representation of the sponsoring law firm. This course meets the field experience requirements for the paralegal major.

PLG 451 School Law. (3)

Prerequisites: PLG 101, 200, and 241.

Course focuses on legal issues involving the rights of students, teachers, parents, and administrators; topics include privacy, employment, freedom of speech and religion, liability, search and seizure, athletics and student organizations, discipline, and student records.

POLITICAL SCIENCE (POL)

POL 101 Basic Concepts in Political Science. (3)

An introduction to political structures, processes, and outcomes. Students learn about the political world, from the actions of individuals motivated by their beliefs to the actions of governments motivated by their quest for power. General theories and controversies of politics are featured, as well as an overview of how researchers study politics.

POL 201 American Government. (3)

An introduction to the organization, principles, and operation of the federal system of government in the United States. The national government: terminology, fundamental concepts, the United States Constitution, citizenship, the Congress and legislation, the executive organization and functions, and the judicial system.

POL 301 Public Administration. (3)

An analysis of the organization, procedures, and purpose of the executive branch of government. Students explore the duties of

agencies at the national, state, and local levels. Special emphasis is placed on the challenges facing administrators concerning personnel, budgeting, law, program evaluation, interagency and intergovernmental relations, and public relations. Of particular interest for those who plan to enter public service.

POL 325 State and Local Governments of the United States. (3)

Basic principles of state government. Governments of the fifty states, federal and interstate relations, state constitutions, legislatures, executives and administration, the courts, and city and county government. The rights and obligations of citizens in shaping institutions.

POL 350 Social Science Research Methods. (3)

Prerequisite: POL 101 or 201.

A hands-on lesson in how researchers explain social issues and even solve social problems through application of the scientific method. Students learn how to: pose a research question; plan and design their research approach; employ a variety of research methods; and interpret and present their research results. Of particular interest for those interested in graduate school in any of the social sciences.

POL 355 Contemporary Events. (1)

Prerequisite: POL 101 or 201.

Major domestic and foreign events and problems of the present day. Periodical reading and individual reports. May be taken twice. Recommended for students seeking greater understanding of the news and public affairs.

POL 360 Political Parties and Interest Groups. (3)

Prerequisite: POL 101 or 201.

An examination of political parties and interest groups as vehicles of public participation in American politics. Focuses on party role in recruiting and funding candidates for office and interest group lobbying for public policy outcomes. Presents students with a key dilemma of democracy: how participation can inform government but also bias policy in favor of the privileged few.

POL 370 Campaigns & Elections. (3)

Prerequisite: POL 101 or 201.

From candidate recruitment to the election aftermath, this course analyzes the roles of political parties, monetary contributions, the media, public opinion and other forces in determining how campaigns are run and who wins/loses. The electoral mechanisms (primary v. general elections, popular v. electoral votes, etc.) are also dissected to assess their ability to affirm meaningful citizen choice. Ultimately, students evaluate the power of campaigns and elections to renew, but also endanger, American democracy.

POL 380 U.S. Foreign Policy. (3)

Prerequisite: POL 101 or 201.

This course analyzes the contexts in which American foreign policy is made; describes the players, historical patterns, and basis of U.S. foreign policy; and evaluates the role of the U.S. in the post-Cold War era by focusing on different regions of the world and selected international issues.

POL 395 American Constitutional Law. (3)

Prerequisite: POL 201.

The major judicial decisions that have shaped the development of the American system and philosophy of government. The development of our constitution, our concepts of government, and our political and legal institutions from their origins in England and colonial America to the present time. Especially recommended for students seeking careers in law and public administration.

POL 401 The American Congress. (3)

Prerequisite: POL 201.

Students examine the representative and law-making functions of the U.S. Congress. The process of transforming bills into law is detailed; however, examination of the impact of committee/subcommittee discretion, leadership imperatives, party strategy, White House initiatives, media agenda-setting, and other forces illustrate how the ideal of orderly, coherent lawmaking may be inhibited.

POL 410 The American Presidency. (3)

Prerequisite: POL 201.

The nature of the American Presidential system. Emphasis on the constitutional, institutional, and political elements of presidential power in national and foreign affairs. The men of the Presidency, various concepts of Presidential power and the relationship between the President, Congress, the bureaucracy, the party system, and the American public.

POL 440 Urban Politics and Policy. (3)

Prerequisite: POL 201.

Examination of the implications of urban growth, the organization of urban and metropolitan areas, and political forces operating at that level.

POL 450 Special Topics in Political Science. (3)

Prerequisite: POL 201.

An advanced seminar analyzing a specialized topic in political science. Topic to be chosen by the instructor. Students may apply a maximum of six (6) credits of POL 450 toward a political science degree.

POL/PHL 451 Political and Social Philosophy. (3)

Prerequisite: POL 101 or 201.

A study of alternative philosophical systems as they interpret such concepts as liberty, authority, justice, and law in human societies and politics.

POL 460 Advanced Comparative Politics. (3)

Prerequisite: POL 101 or 201.

A presentation of major political systems found around the world. Students dissect the fundamental components of structure and process in governments from open democracies to authoritarian systems. Special attention is paid to political, economic, and social challenges faced by governments in the 21st century.

POL 472 International Relations. (3)

Prerequisite: POL 101 or 201.

A study of the relationships among governments, international organizations, corporations and other participants in world politics. Assesses the balance between “high politics” (war, defense, diplomacy) and “low politics” (economics, environment, ethnic

conflict) in a post-September 11 world. Poses questions for student discussion regarding future security, health and well-being of our world.

POL 475 Terrorism. (3)

Prerequisite: POL 101 or 201.

The attacks of September 11, 2001 reinforce the value of a strategy long employed by the weak: terrorist violence to intimidate or destabilize a society. This course examines why terrorism is chosen and under which conditions it has succeeded in attaining desired political objectives. It then explores various counterterrorism methods and how they have succeeded (or not) in stopping/preventing such violence. Students ultimately assess the consequences for conducting world politics in what is described as an era of global terror.

POL 490 Internship/Practicum. (3-6)

Prerequisites: Political Science majors, or permission of the Department Chair of History, Political Science, Geography and Paralegal Studies.

An experiential program that allows students to apply their academic preparation to particular political/governmental settings. Students work for a political organization, government agency, city hall, or other relevant institution and complete written assignments for academic credit. A student must work at least 120 hours for three (3) credits and at least 240 hours for six (6) credits. Placement opportunity must be approved by the instructor. Assignments require students to assess institutional functions, political behavior and relevant public policy with respect to standards presented in other courses in the political science major.

PHYSICAL SCIENCES (PS)

PS 103 Introductory Geology. (3)

Emphasis placed on the earth's dynamic systems, their sources of energy, and their constructive and destructive effects on the earth's crust. Mineralogy and petrology are introduced as well as the various agents of erosion and deposition.

PS 104 Historical Geology. (3)

The earth from its cosmic origin to the present with special regard for the physical events and history of life during each of the great divisions of geological time.

PS 106 Introductory Astronomy. (3)

An introductory survey of our solar system and the universe beyond. Topics will include planetary bodies, satellites, comets, meteors, stars, nebulae, galaxies, pulsars, quasars, black holes, along with recognition of the major constellations and other pertinent material of general astronomical interest.

PS 107 Introductory Physics. (3)

A brief survey of the fundamentals of physics. Topics include kinematics, heat, light, gravity, work, power, energy, and metric conversions. No credit can be earned for this course if the student already has credit for PSP 211, PSP 212, PSP 213, or PSP 214.

PS 108 Introductory Chemistry. (3)

A brief survey of the fundamentals of chemistry. Topics include behavior of atoms and molecules, construction of chemical formulas, bonding, and how it affects macroscopic properties. No

credit can be earned for this course if the student already has credit for PSC 111 or PSC 112.

PS 313 Methods and Materials in the Teaching of Science in the Secondary School. (3)

Only open to students admitted to Teacher Education. This course is taught concurrently with BSB 313.

This course is designed to give the student a knowledge of methods in the teaching of science in junior and senior high school. Emphasis will be placed on practical applications, such as laboratory preparation, safety, and teaching and classroom management. Each student will have the opportunity to do some teaching in the general chemistry laboratories at MUW. Students will also review current reference materials on science teaching, as well as state adopted textbooks in chemistry and other physical sciences.

This course does not count toward fulfillment of the requirements for the Physical Science major. It is for teacher certification only.

PHYSICAL SCIENCE - CHEMISTRY (PSC)

PSC 111 General Chemistry I. (3)

Lecture. Prerequisite: MA 113 or higher (not MA 123) or demonstrated proficiency in math.

This course is designed to lay the groundwork for future study in chemistry by familiarizing the student with fundamentals of chemistry including naming of chemical species, stoichiometry, and atomic structure in addition to problem-solving.

PSC 111L General Chemistry Laboratory. (1)

Prerequisite or concurrent enrollment: PSC 111.

This course reinforces the topics covered in PSC 111 through experimentation.

PSC 112 General Chemistry II. (3)

Lecture. Prerequisite: PSC 111.

This course is a continuation of PSC 111. The course continues the exploration of chemistry fundamentals with kinetics, equilibrium, and acid-base chemistry among other topics.

PSC 112L General Chemistry II Laboratory. (1)

Prerequisite or concurrent enrollment: PSC 112.

This course reinforces the topics covered in PSC 112 through experimentation.

PSC 211 Organic Chemistry I. (3)

Lecture. Prerequisite: PSC 111, 112 (w/labs).

This course is designed to give students a first hand knowledge of the fundamentals of organic chemistry including bonding, organic reactions, reaction mechanism, stereochemistry, and spectroscopy.

PSC 211L Organic Chemistry Lab I. (1)

Prerequisite or concurrent enrollment: PSC 211.

A laboratory course complementing the lecture course PSC 211.

PSC 212 Organic Chemistry II. (3)

Lecture. Prerequisite: PSC 211 (w/lab).

This course is a continuation of PSC 211 and provides a fundamental background for understanding the structure, properties, and reaction mechanisms of organic compounds,

especially aromatic compounds, carbonyl, carboxyl derivatives, and biomolecules.

PSC 212L Organic Chemistry Lab. (1)

Prerequisite or concurrent enrollment: PSC 212.

A laboratory course complementing the lecture course PSC 212.

PSC 312 Quantitative Analysis. (4)

Laboratory-Lecture. Prerequisite: PSC 112 (w/lab).

This is primarily a laboratory course designed to develop the technique necessary in making quantitative determinations. Typical volumetric and gravimetric determinations are studied. Lecture on theories and computations accompany the laboratory work.

PSC 450 Physical Chemistry I. (4)

Lecture-Laboratory. Prerequisite: PSC 212 (w/lab), PSP 212 or 214, and MA 181, 182. Prerequisite or concurrent enrollment in MA 283.

This course includes a development of thermodynamics of solids, liquids, and gases; solutions; equilibria; electrochemistry; and kinetics. Emphasis will be placed on deriving mathematical models which describe macroscopic-scale processes.

PSC 451 Physical Chemistry II. (4)

Lecture-Laboratory. Prerequisite: PSC 212 (w/lab), PSP 212 or 214, and MA 181, 182. Prerequisite or concurrent enrollment in MA 283.

This course includes an introduction to quantum mechanics, spectroscopy, molecular structure, and statistical mechanics. Emphasis will be placed on developing mathematical models to account for microscopic-scale processes.

PSC 461 Instrumental Analysis. (4)

Lecture-Laboratory. Prerequisite: PSC 312 and PSP 212 or PSP 214. Prerequisite or concurrent enrollment: PSC 212 (w/lab).

This is a course designed to acquaint the student with instruments used in analytical methods. Use and operation of instruments together with theoretical aspects and limitations of each will be included.

PSC 465 Advanced Inorganic Chemistry. (3)

Lecture. Prerequisite: PSC 112 (w/lab), PSP 212 or PSP 214, and PSC 212 (w/lab).

This course covers bonding structure, coordination chemistry, and organometallics.

PSC 466 Advanced Organic Chemistry. (3)

Lecture. Prerequisite: PSC 212 (w/lab).

This course covers reaction mechanisms, natural products, theoretical chemistry, and other areas of organic chemistry.

PSC 467 Biochemistry. (4)

Lecture-Laboratory. Prerequisites: BSB 101, 102 (w/labs), PSC 211, 212 (w/labs); BSB 230 highly recommended.

A one semester survey of biochemistry emphasizing protein biochemistry (protein structure and activity, enzyme kinetics, catalytic and regulatory strategies, metabolic pathways) and introducing physical and chemical properties of carbohydrates,

lipids, and nucleic acids as necessary to understand protein form and function.

PSC 470 Introduction to Chemical Research. (3)

Prerequisite: PSC 212 (w/labs). May be repeated once (3-3).

Designed for junior and senior chemistry and physical science majors. After consultation with a chemistry faculty adviser the student selects a problem requiring literature and laboratory research. A written report in publishable form is required.

PSC 490 Special Topics in Physical Sciences. (3-4)

Prerequisite: Permission of the Sciences and Mathematics Department Chair. May be repeated once.

This course will provide advanced study in a current topic in the area of the physical sciences to be decided by the instructor. Topics could include spectroscopy, polymer chemistry, or the chemistry of natural products.

PHYSICAL SCIENCES- PHYSICS (PSP)

PSP 211-212 General Physics. (4-4)

Lecture-Laboratory. Prerequisite: MA 114 or 130.

An introduction to the basic principles of classical physics using algebra and trigonometry. Major topics include kinematics, dynamics, energy, heat, electricity, magnetism, light and optics.

PSP 213-214 General Physics (Calculus Based). (4-4)

Lecture-Laboratory. Prerequisite: MA 182.

A calculus-based introduction to the general principles of physics including a treatment of mechanics, work, energy, momentum, elasticity, fluids, vibrations, sound, temperature, heat, electricity, magnetism and light.

PSYCHOLOGY (PSY)

PSY 101 General Psychology. (3)

This survey course introduces the student to contemporary theories and methods in psychology.

PSY 201 Introduction to APA Style. (1)

This course introduces the student to the professional writing style of the American Psychological Association (APA). Topics include ethics, quotation, citation of sources, and reference format.

PSY 206 Human Growth and Development. (3)

This course introduces the student to the physical, cognitive, emotional, and social development of the individual throughout the lifespan.

PSY 302 Child Psychology. (3)

Prerequisites: PSY 201 and 206.

An in-depth study of theory and research in child development from conception through late childhood with a focus on sensory, cognitive, social and personality development.

PSY 304 Abnormal Psychology. (3)

Prerequisites: PSY 101 and 201.

This course focuses on the etiology, classification and treatment of psychopathological disorders.

PSY 305 Personality. (3)

Prerequisites: PSY 101 and 201.

This course focuses on personality traits, which are individual characteristics that are relatively stable over time and situations. This course is based on a topical approach to current theories and research on personality.

PSY 320 Physiological Psychology. (3)

Prerequisites: PSY 101 and 201.

This course examines the physiological bases of human behavior. Emphasis is placed on the structure and function of the central and peripheral nervous systems.

PSY 328 Adolescent Development. (3)

Prerequisite: PSY 206

This course focuses on the application of theory and research to the understanding of adolescent development. Special attention is given to the transactional nature of adolescent and family development within a social context. Also listed as FS 328.

PSY 340 Sensation and Perception. (3)

Prerequisites: PSY 101 and 201.

This course provides an in-depth study of the physiological and neurological aspects of psychological development and human interaction with the environment.

PSY 350 Psychology of Women. (3)

Prerequisites: PSY 101 or PSY 206 or permission of the Psychology and Family Studies Department Chair.

This course will present an overview of the biological, social, and cultural factors that affect women throughout the lifespan. Also listed as WS 352

PSY 360 Educational Psychology. (3)

This course presents an overview of the process of learning. It provides students with skills needed to work with others in an educational setting. It includes coverage of theories of development, assessing and dealing with individual variability, devising objectives, learning theories, motivation, and measurement and evaluation of learning.

PSY 370 Social Psychology. (3)

Prerequisites: PSY 101 and 201.

This course examines individual behavior in its social and cultural context. Theoretical and empirical examination of core social psychological issues, such as social cognition, social influence, interpersonal relationships, and group behavior, are emphasized.

PSY 405 Cognitive Psychology. (3)

Prerequisites: PSY 101 and 201.

This course addresses the nature of cognitive processes. It focuses on the ways in which knowledge is acquired, stored and used, and emphasizes the relevance of the theories and research in cognitive psychology to mental activities in everyday life.

PSY 406 Cognitive Neuroscience. (3)

Prerequisites: PSY 101 and 201. Also, it is recommended that the student take PSY 320 or PSY 340 before enrolling in this course.

How does the brain create the mind? This course will attempt to answer this question by providing an understanding of the role that the brain plays in visual cognition, memory, language, music, personality (both normal and abnormal), emotion, and gender differences in cognition by examining patterns of cognitive

performance produced by both normal and brain-damaged populations.

PSY 407 Psychology of Criminal Behavior. (3)

Prerequisites: PSY 101, 201, and junior standing. PSY 305, 320, and/or 370 are recommended.

What is criminal behavior and how does our attitude about crime ultimately reflect our personal theory of human nature? Who becomes a criminal and why? And what relevance does psychology have for the processes of investigation and correction? This course will address these and other issues from primarily a psychological perspective, focusing on the personality, biological, cognitive, and emotional attributes of the criminal and potential criminal.

PSY 408 Introduction to Counseling and Clinical Psychology. (3)

Prerequisites: Permission of the Department Chair of Psychology and Family Studies and PSY 201.

This course introduces the student to some of the major theories of personality and associated systems of counseling and psychotherapy; applications and limitations of the various systems, and principles of treatment and ethical standards.

PSY 410 Industrial and Organizational Psychology. (3)

Prerequisites: PSY 201 and 370.

The purpose of this course is to examine factors within the field of organizational/industrial psychology such as employee motivation, selection and training, and organizational determinants of employee behavior. Major theories, models, research techniques, and findings of the science of I/O psychology will be emphasized in order to develop awareness and understanding of the aims and goals of the practice of I/O psychology.

PSY 425 Gender Development. (3)

Prerequisites: PSY 302 or permission of the Department Chair of Psychology and Family Studies.

This course provides an in-depth study of theories and research on gender development from conception through middle childhood. Also listed as WS 425

PSY 430 Basic Counseling Skills. (3)

Prerequisite: PSY 201 and PSY 408. Interactive lecture-lab.

This course introduces the student to an eclectic model for counseling and psychotherapy with an emphasis on developing the basic interpersonal skills necessary to be successful in a professional helping field. Also listed as FS 430.

PSY 449 Practicum in Psychology. (1-3)

Prerequisites: Approval of the Department Chair of Psychology and Family Studies and practicum coordinator and PSY 201.

The practicum experience provides the opportunity for a student to learn about teaching, research, or service aspect of the field of psychology. Students participate in a variety of learning activities designed to provide hands-on experience. Students may serve as practicum assistants in an introductory psychology course, in a faculty member's research lab, in a human service agency, or another approved practicum site. Can be repeated for up to 6 hours.

PSY 450 Independent Study. (2-6)

Prerequisites: 12 semester hours of Psychology and advanced standing, or permission of the Department Chair of Psychology and Family Studies and PSY 201.

In this course, the student develops the skills necessary to carry out psychological research. A written review of the literature on a selected topic, and a research project are examples of the type of work required.

PSY 454 Applied Statistics. (3)

Prerequisite: PSY 201

This course introduces the student to current methods and applications of statistical procedures associated with common research designs.

PSY 455 Research in Human Behavioral Sciences. (3)

Prerequisites: PSY 201 and 454.

This is a basic course in the application of current research methods in the field of human behavioral research. The student is introduced to the selection and formulation of a research problem, development of a hypothesis, data collection and analysis.

PSY 490 History and Systems of Psychology. (3)

Prerequisites: PSY 201 and advanced standing, with a minimum of 12 credit hours of upper-level psychology courses, or permission of the Department Chair of Psychology and Family Studies.

This course examines the philosophical and scientific roots of modern psychological thought. The origins of systems of psychology and the ways these systems were influenced by historical contexts and are reflected in contemporary psychology also are explored.

PSY 499 Special Topics in Psychology. (1-6)

Prerequisite: PSY 201

This course allows flexibility in the offering of coursework for students who are interested in topics beyond the regular curriculum in the major.

RELIGIOUS STUDIES (REL)

REL 213 Religions of the World. (3)

A comparative study of the major living religions of the Far East, the Near East, and the West. Class lectures supplemented by selected films and recorded music.

REL 299 Special Topics in Religion. (3)

A focused study of some topic in religion. May be repeated for a maximum of six (6) hours.

REL 308 Western Women's Roles in Religion. (3)

A study of the historical context of women's roles and women's significance in the religions of Western society. Also listed as WS 308.

REL 350 Medieval Christianity. (3)

A study of Christianity from the end of the early Christian period (ca. 200) to the Reformation (1517), with an emphasis on theology, spirituality, and ecclesiology.

REL 403 Current Trends in Religion. (3)

Prerequisite: REL 213.

An advanced study of ongoing trends in selected world religions, such as the rise of fundamentalism, growing pluralism and the challenges of inter-religious dialogue, the increase of women in religious leadership, and the need to respond to global issues like poverty and climate change. Builds on previous study in REL 213.

SCIENCE/MATHEMATICS (SM)

SM 100 Science/Mathematics Seminar. (0)

Pass/No Credit

Open only to Science and Mathematics majors.

Students will be exposed to a variety of research approaches, experiences, and career opportunities enabling them to gain a greater understanding of professional involvement in Science and Mathematics. Students majoring in all Science/Mathematics programs are required to pass four (4) semesters of SM 100 for graduation, except for transfer students with 60 or more transfer hours who are required to pass three (3) semesters of SM 100.

SM 101 Environmental Science I. (4)

Lecture and laboratory. Prerequisites: MA 113 or higher (not MA 123) or demonstrated proficiency in math.

An introductory course covering global and local topics in environmental science. Fundamental concepts in biology, physics, chemistry, and geology will be examined and applied to contemporary and historical environmental problems so that the student can synthesize the body of knowledge necessary to understand environmental issues.

SM 102 Environmental Science II. (4)

Lecture and laboratory. Prerequisites: MA 113 or higher (not MA 123) or demonstrated proficiency in math; SM 101.

An introductory course continuing the examination of global and local topics in environmental science begun in SM 101. Emphasis will be given to critical analysis of specific problems and to understanding the models used to investigate these problems.

SM 125 Fortran. (3)

Lecture. Prerequisite: MA 113.

This course will teach problem-solving methods using Fortran. Application will be made to problems in various fields but mathematical and scientific problems are stressed.

SM 135 Programming in C++. (3)

Lecture. Prerequisite: MA 113.

Problem-solving methods and algorithm development using the computer programming language C++. Emphasis on scientific and mathematical applications.

SM 295 Topics in Mathematics for Teachers. (1-3)

Prerequisite: Permission of Sciences and Mathematics Department Chair.

In-depth content on selected mathematical topics, including their relation and application to the classroom. This course is primarily intended for in-service teachers. May be repeated for a maximum of 6 hours credit.

SM 297 Topics in Science for Teachers. (1-3)

Lecture. Prerequisite: Permission of Sciences and Mathematics Department Chair.

In-depth content on selected science topics, including their relation and application to the classroom. This course is primarily intended for in-service teachers. May be repeated for a maximum of 6 hours credit.

SOCIOLOGY (SOC)

SOC 201 Principles of Sociology. (3)

This introductory course provides an integral treatment of the fundamental principles of human association. Consideration is given to the nature of certain important social relationships, structures, and processes in which the student participates in home and community life, and to the understanding concerning them, which are derived from cultural anthropology and social psychology. An analysis is made of the structure and functions of major American social institutions, the ways in which they change, and the problems in contemporary society resulting from these changes.

SOC 299 Special Topics in Sociology. (1-3)

Eligible to be repeated for a maximum of six total credit hours)

This course will address contemporary issues and advanced content areas in sociology.

SOC 303 Social Problems. (3)

Prerequisite: PSY 206, SOC 201, or permission of the Psychology and Family Studies Department Chair.

The purpose of this course is to give students the opportunity to investigate some of the major social problems of our changing society. The problem, theoretical explanations concerning causation and possibilities for remedial action are examined. Major problems discussed are: crime, sexual deviation, the population crisis, drug abuse and urban problems.

SOC 305 Marriage and the Family. (3)

Prerequisite: PSY 201 or permission of the Department Chair of Psychology and Family Studies.

The purpose of this course is to study marital family interactions with emphasis on interpersonal dynamics and developmental tasks over the family life cycle. The course includes the study of sex role development, mate selection, adjustments within interpersonal relationships, communication in the family, parent-child relations, familial responses to stress, and family violence. Also listed as FS 305.

SOC 311 Communities. (3)

Prerequisite: SOC 201 or permission of the Department Chair of Psychology and Family Studies.

This course investigates two broad areas of community knowledge: 1) the nature of community life, including the physical structure and growth of the city, the process of urbanization and its consequences, and 2) community organization of rural areas. The course includes a project that directly involves the student on an interaction basis with some aspect of community dynamics.

SOC 359 Juvenile Justice System. (3)

Prerequisite: SOC 201 or permission of the Psychology and Family Studies Department Chair.

This course provides the student a view of the nature, extent, and causal explanations of the problem of juvenile delinquency. The

perspective taken involves an examination of the roles of the police, the courts, correction agencies, and other agencies dealing with the delinquent and his/her rehabilitation.

SOC 363 Criminology. (3)

Prerequisites: SOC 201 or permission of the Department Chair Psychology and Family Studies.

This course will examine crime; its causes, prevention and treatment; the nature, types and extent of crime; and preventive and correctional programs as part of the criminal justice system. Emphasis will be placed on integrating social process and social structural explanations of criminal behavior.

SOC 456 Minorities. (3)

Prerequisite: 6 semester hours in Human Behavioral Sciences courses, advanced standing, or permission of the Department Chair of Psychology and Family Studies.

A study of the cultural heritage of various groups and an analysis of the changing place and role of minorities in American Society. Special attention is paid to organizational development and the role of conflict in the creation of ethnic consciousness, sexism, political awareness, and group cohesion. Contemporary problems involving minority groups are evaluated from the historical, social, and remedial points of view.

SOC 458 Sociology of Low Income Groups. (3)

Prerequisite: Six semester hours in Human Behavioral Sciences or permission of the Department Chair of Psychology and Family Studies.

This course analyzes poverty and its accompanying lifestyle. It acquaints the student with problems associated with low income and poverty and possible means of remediation, and critically evaluates the relationships among the different areas of our socioeconomic system and their influences on poverty. The course also deals with the differences in poverty among the poor white and the poor black. The course is designed for persons entering service vocations who will have significant contact with persons in the poverty syndrome.

SPEECH-LANGUAGE PATHOLOGY (SPA)

SPA 200 Survey of Communication Disorders. (3)

Open to all students.

Survey of the incidence, identification, classification, diagnosis and major treatment strategies for communication disorders frequently encountered in persons of all ages. Description of the profession of speech-language pathology and clinical audiology.

SPA 201 Phonetics. (3)

Study of the International Phonetic Alphabet and training in the phonetic transcription of speech, including transcription of regional dialects. Open to all students.

SPA 209 Anatomy and Physiology of the Speech and Hearing Mechanism. (3)

Basic study of the structure and functions of the organs of speech and hearing.

SPA 210 The Development of Normal Speech and Language. (3)

Study of the psychophysical and environmental factors associated with the acquisition of normal speech and language, including an introduction to psycholinguistics and discussion of relevant anatomical and neurophysiological factors.

SPA 303 Introduction to Audiology. (3)

A survey of fundamental aspects of sound, the functioning of the auditory mechanism, basic methods of audiometric evaluation, and hearing-screening methods and program organization. Observation required.

SPA 308 Language Disorders in Children and Their Treatment. (3)

Prerequisite: SPA 210.

Study of the identification, description, and treatment approaches for language disorders in children, including program design. Observation of diagnostic and treatment sessions required.

SPA 311 Basic Clinical Strategies in Speech-Language Pathology. (3)

Prerequisites: SPA 308 and 321 or permission of the Department Chair of Speech-Language Pathology.

Overview of the basic strategies of therapeutic intervention for communicatively-disordered children and adults. Emphasis is placed upon rationales for selecting treatment models appropriate to individual client needs; the development and implementation of appropriate treatment programs; salient features of the client-clinician relations; and the assessment of treatment outcomes. Observation of diagnostic and treatment sessions required.

SPA 313 Speech and Hearing Science. (3)

Prerequisite: SPA 209.

Study of the nature of sound, sound transmission, and units of measurement necessary to understand the physiologic, acoustic, and perceptual parameters of speech. Includes discussion of electro-acoustical instruments employed in speech, hearing and language research and testing.

SPA 321 Principles of Therapy: Articulation. (3)

Prerequisites: SPA 201 and 209.

A survey of current information regarding identification, causation, diagnosis, and treatment of disorders of articulation and phonological system in children and adults. Observation of diagnostic and treatment sessions required.

SPA 350 Program Planning in Speech-Language Pathology. (3)

Prerequisites: SPA 308, 311, and 321.

This course acquaints students with issues in service delivery in various settings, with emphasis upon the public schools including procedural safeguards; eligibility determination; development of caseloads, scheduling of individual and group therapy; cooperation with other professionals in the program; interactions with parents; accountability procedures; budget considerations; referrals; follow-up procedures; and in-service activities.

SPA 400 Clinical Practicum: Speech and Hearing Center. (3)

Prerequisites: Approval from the Undergraduate Practicum Coordinator. See Clinical Requirements/Responsibilities.

Supervised Practicum in the treatment of speech and/or language disorders in children and adults under the supervision of the faculty at the Speech and Hearing Center. May be repeated.

SPA 403 Strategies in Therapy for the Hearing Impaired. (3)

Prerequisite: SPA 303 (or its equivalent).

Discussion of methods of teaching language skills to the hearing impaired; amplification systems and their utilization; and current practices in education of the deaf.

SPA 411 Basic Diagnostic Procedures. (3)

Prerequisites: SPA 308 and 321 (or equivalent).

The philosophy and implementation of procedures for the diagnosis and appraisal of communication disorders, with emphasis upon the administration, scoring, and interpretation of data obtained from observation and from diagnostic instruments used to evaluate language, articulation, fluency, and voice. Observation of diagnostic sessions may be required.

SPA 449 Neurology. (3)

Prerequisite: Students must be an upper level undergraduate or graduate student.

This course will provide information concerning the organization and function of the human nervous system. Emphasis will be given to the nervous system's participation in human speech and communication.

SPA 500 Research Methods in SLP. (3)

This course will provide students with a foundation in research methods used in speech-language pathology.

SPA 501 Motor Speech Disorders. (3)

Prerequisite: SPA 313 or its equivalent.

This course is designed to provide students with knowledge of speech science applications for assessment and treatment of children and adults.

SPA 502 Language Disorders. (3)

This course explores the characteristics, etiology, assessment, and treatment of language disorders in children and adolescents.

SPA 503 Articulatory/Phonologic Disorders. (3)

This course explores the current theory, etiology, diagnosis, and treatment of articulatory/phonologic disorders. Developmental stages, traditional, and phonological analyses will form the basis for evaluation and diagnosis. Intervention using traditional and phonological procedures will be covered.

SPA 504 Voice Disorders. (3)

The purpose of this course is to acquaint students with the vocal mechanism's structure, function, and disorders. Methods of voice analysis and therapy will be presented.

SPA 505 Fluency Disorders. (3)

The purpose of this course is to provide a foundation for students to understand prosody of language and the disorders of fluency in children and adults.

SPA 506 Audiology for Speech-Language Pathologists. (3)

This course will focus on disorders of hearing, diagnosis of the diseases that cause them, and clinical methods for measuring hearing loss.

SPA 507 Craniofacial Anomalies and Associated Speech Disorders. (3)

This course will focus on the communicative disorders that are related to craniofacial anomalies including cleft lip and palate, fetal alcohol syndrome, and numerous other craniofacial syndromes.

SPA 511 Readings in Speech-Language Pathology. (3)

This course is designed to survey any current topic of importance that may not have been covered in sufficient depth in other courses. Content may vary from year to year. Examples of topics that might be covered are multicultural issues, augmentative communication, communication and crime, techniques of imaging the speech mechanism, and computer applications in diagnosis and treatment of speech disorders.

SPA 512 Seminar in Medical Speech-Language Pathology. (3)

This course is designed to assist students in the task of relating current research, clinical practices and ethical considerations to the needs of communicatively handicapped individuals in medical settings. Observations may be available in local medical centers.

SPA 513 Practicum in Speech-Language Pathology. (On Campus) (3)

Must be repeated three times before the student can enroll in SPA 515. Prerequisite: Twenty hours of clinical observation.

The purpose of this course is to develop clinical competency skills in evaluation and therapy under the direct supervision of the SLP faculty. Assignments are based on availability.

SPA 514 Practicum in Audiology. (1)

Repeatable. Prerequisite: SPA 303, 403, or 506.

This course provides supervised experience in audiologic diagnostics and rehabilitation.

SPA 515 Practicum in Speech-Language Pathology. (Off Campus) (3)

Prerequisite: Three semesters of SPA 513 and permission of the Graduate Practicum Coordinator.

The purpose of this course is to develop clinical competency skills in evaluation and therapy in off campus sites such as public schools, nursing homes, hospitals, clinics, or other appropriate facilities. Assignments are based on availability.

SPA 520 Observation and Clinical Methods. (1)

This course will provide students with an introduction to clinical procedures, and analyses of preparation and structure necessary for successful therapy; observation of therapy in different settings. Pass/Fail.

SPA 521 Communication Disorders in Infants. (3)

This course will provide emphasis in measurement and intervention with developmentally disabled infants and toddlers in social communicative development as well as family-center orientation.

SPA 522 Dysphagia. (3)

SPA 449 is strongly recommended.

This course will provide information concerning normal and abnormal swallowing adults and children with emphasis on diagnostic/evaluation and treatment.

SPA 525 Language Science. (3)

This course is designed to provide the graduate student with a knowledge base of the psycholinguistic and sociolinguistic theories of language development as well as an in-depth understanding of the nature and normal development of pragmatics, morphology, syntax, phonology, and semantics across the lifespan.

SPA 530 Neurogenic Disorders of Communication. (3)

SPA 449 is strongly recommended.

Advanced study of the neuropathologic disorders of speech and language, with emphasis upon adult aphasia. Consideration of identification, classification, associated problems or anomalies, systems of diagnosis and treatment; similarities and differences among diagnosed disorders and different treatment regimens.

SPA 535 Counseling for Communication Disorders. (3)

Prerequisite: Advanced graduate status, or permission of the Speech-Language Pathology Department Chair.

This course will provide information regarding counseling theories and techniques, and their direct application to speech-language therapy.

SPA 545 Multicultural Language Difference. (3)

This course will focus on understanding the assessment and treatment techniques for communication disorders in multicultural populations. Implications for accent reduction of non-native languages will be discussed also.

SPA 555 Language Learning Disabilities (LLD). (3)

This course will provide an in-depth study of the relationship between communication skills and classroom success. It will include identification, classification, associated problems, methods of diagnosis and treatment and service delivery.

THEATRE (TH)**TH 150 Theatre Practicum. (1-3)**

Prerequisite: Permission of the Department Chair of Music and Theatre.

Entry level practical work in Theatre at the discretion of the Director of Theatre. May be repeated, but no more than three (3) hours of credit total may be earned.

TH 175 Theatre Appreciation. (3)

An overview of the elements of theatre and kinds of drama, with hands on experience possible in different aspects of theatre. Fulfills Fine Arts core requirement.

TH 176 Playscript Analysis. (3)

Prerequisite: TH 175.

A study of the script as the necessary foundation for the three-dimensional theatre experience, and techniques for deriving from the script information for a performance which realizes as fully as possible and with minimal distortion, the playwright's expressive intentions.

TH 200 Practical Aspects of Stage Makeup. (3)

This course is designed to acquaint the student of theatre with the vital and functional relationship between make-up and art, and to demonstrate various types and styles of theatrical make-up.

TH 205 Fundamentals of Interpretation. (3)

A study of the fundamentals of vocal production and movement principles used by actors. Individual attention is given to the improvement of diction and voice quality.

TH 207 Creative Dramatics. (3)

Designed to introduce students to the use of theatrical tools (movement, imagination, improvise, acting, directing, writing) as a method of teaching a variety of material to a broad range of ages. The approach of creative drama encourages the teacher to create and adapt exercises that can add an exciting element to learning for their students. The course is helpful to anyone who will be leading groups: teachers, camp counselors, and parents.

TH 209 Seminar for Playwrights. (3)

Students will participate in discussion of classic and contemporary play structure, complete specific writing assignments intended to exercise imagination, playwriting skills, and playwriting format, and will write a play.

TH 217 Stage Crafts. (3)

6 hr. per wk.

This course will include design, construction, painting of stage scenery, operation of stage and shop machinery.

TH 219 Beginning Acting. (3)

This course is designed to introduce the student to the fundamental principles of acting theory, required of theatre majors, and is geared toward actor training. Beginning acting can be helpful for anyone who may be entering a field where vocal and physical performance is of importance: teachers, newscasters, lawyers, executives, and salespersons. This course includes the reading of a number of plays during the semester.

TH 250 Theatre Practicum. (1-3)

Prerequisite: Permission of the Department Chair of Music and Theatre.

Intermediate level practical work in Theatre at the discretion of the Director of Theatre. May be repeated, but no more than six (6) hours of credit total may be earned.

TH 275 Introduction To Design for the Theatre. (3)

6 hrs. per wk. Prerequisite: TH 217.

The student will learn the fundamentals of design as they apply to a theatrical production (costumes and scenery) and will be introduced to the graphic techniques necessary to communicate their ideas.

TH 301 Theatre as a Profession. (1)

This course is designed to help Theatre majors begin preparation for their lives after graduation whether this involves entering graduate school, or seeking employment in the professional theatre or entertainment industry.

TH 317 Stage Crafts II. (3)

6 hrs. per wk. Prerequisite: TH 217

Course will include design, construction, painting of stage scenery, operation of stage and shop machinery.

TH 318 Stage Lighting. (3)

Prerequisite: TH 217

Lighting equipment and its application to the theatre to include instrumentation, control, color and design.

TH 319 Intermediate Acting. (3)

Prerequisite: TH 219

This course expands on the basic acting skills acquired in TH 219 (Beginning Acting) by requiring students to perform scenes from selected dramatic literature.

TH 320 Directing. (3)

Prerequisites: TH 217, 219, 318, or permission of the Department Chair of Music Theatre.

Introduces the fundamentals and practical application of the principles of play direction together with supervised laboratory hours in directing projects.

TH 321 Theatre Management. (3)

A study of theatre organization and management including such areas as arts leadership and development, publicity and promotion, box office operations, and budgeting.

TH 360 Internship. (3)

Prerequisite: Theatre majors.

Student-planned work experience related to their major area of study.

TH 400 Seminar: Special Problems In Theatre Practice. (1-3)

May be repeated for up to a total of 9 hrs.

Theatre production master class, focusing on technical and/or artistic demands of a play in production.

TH 419 Advanced Acting. (3)

Prerequisite: TH 319

An intense continuation of 319 with emphasis on period styles and some avant-garde materials.

TH 457 History of the Theatre I. (3)

A survey of historical developments in the theatre from classical era to 18th Century neo-classicism.

TH 458 History of Theatre II. (3)

A survey of historical developments in the theatre from the 18th century to the present.

TH 464 Costume for the Stage. (3)

A study of the historical development and practical aspects of costumes for the theatre.

TH 475 Advanced Design for Theatre. (3)

6 hrs. per wk. Prerequisites: TH 275 and TH 318.

Advanced design problems in set, lights, costumes, sound, and props. The theoretical and practical aspects of the areas are emphasized.

TH 476 Dramatic Theory and Criticism. (3)

A survey of the theoretical literature involved in play analysis as it developed from classical times to the present, as well as the skills needed to undertake critical evaluation of a play. Requires research activity.

TH 490, 491, 492 Research in Theatre. (3, 3, 3)

Prerequisite: Permission of the Music and Theatre Department

Chair.

Supervised independent study, the content of which will address advanced work in the areas of design, directing, or production. Sample projects may include design of sets, lights, or costumes for a mainstage production; direction of a mainstage production; execution of specific production problems, such as scene painting, fabric dyeing, welding, and draping.

UNIVERSITY COURSES (UN)

UN 101 Introduction to College Life. (1)

Prerequisite: Freshman standing or permission of the Associate Vice President for Academic Affairs.

Required of all first-year students and transfer students with fewer than 12 hours earned.

A series of freshman seminars focusing on a variety of topics: Professor-student relationships, the development of critical thinking and study skills, strategies to improve academic survival, time management, stress management, and assertiveness.

UN 201 Career Exploration Internship. (1-3)

The focus of this course is the exploration of career options for students wishing to experience the day to day functions of a professional working in a particular career field. Students must be supervised on site and under the direction of a faculty member, and record at least 45 hours of dedicated experience for each one (1) hour of credit.

UN 301 Junior Seminar. (1)

This course is designed to help students begin preparation for their lives after graduation, whether they enter the workplace immediately or move on to graduate or professional schools. Topics will include letters of application, interviews, developing a placement file, legal aspects of being a working professional, and career options.

UN 390 Study Abroad. (6-18)

This course serves as an administrative placeholder for students attending study abroad programs sponsored by other universities or co-sponsored by MUW as part of a consortium agreement. This course will also facilitate such administrative actions as the application of financial aid. Students who successfully complete this course will receive a grade of a NC.

UN 399 CAAP Test. (0)

The CAAP test is a standardized test to assess students' general education achievement. Completion of the test is a requirement for graduation.

WOMEN'S STUDIES (WS)

WS 200 Introduction to Women's Studies. (3)

An introduction to basic concepts and interdisciplinary perspectives in women's studies scholarship. This course will foster a critical analysis of the social and structural factors which shape women's lives and an appreciation for the diversity of women's experiences.

WS 303 Images of Women in Film. (3)

An examination of how women have been depicted on celluloid in both American and international films, from the early silents to today's liberated cinema. Emphasis is placed on the student's ability to evaluate the presentation of women in these films, based within the context of the society and the era that produced individual films as well as the place of women within a traditionally male-dominated commercial business industry, and how that presentation has evolved since the early days of the cinema. Also listed as COM 303.

WS 308 Western Women's Roles in Religion. (3)

A study of the historical context of women's roles and women's significance in the religions of Western society. Also listed as REL 308.

WS 315 Women Artists in History. (3)

Prerequisites or concurrent enrollment: Either ART 102, 211, 212 or permission of the Art and Design Department Chair.

A survey of women artists in history as well as representations of women in art from antiquity to the present. Also listed as ART 315.

WS 324 Women in European History: From Antiquity to the Age of the French Revolution. (3)

The history of women and gender in European history from ancient Greece to ca. 1800. Also listed as HIS 324.

WS 326 Women in American History. (3)

Survey of the experiences of women in America from the seventeenth-century colonial settlements to the present, focusing on changes in the conceptions of womanhood and in the realities of women's lives and work. Women's participation in the social, economic, political, and cultural spheres will be studied in terms of the lives of ordinary women as well as of prominent individuals. Topics explored will include women's domestic and wage work, marital patterns, the concept of sisterhood, the institutions of marriage and the family, legal rights, education, social and political movements. Also listed as HIS 326.

WS 350 Women in Literature. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

This course introduces students to both traditional stereotypes of women in literature and new ways to analyze literature by and about women. Using introductory feminist critical texts, students will learn to focus on what literature says and implies about women: their nature, their roles, their place in society. Readings may include works by Austen, George Eliot, the Brontes, Flaubert, Woolf, Stein, Welty, Atwood, Walker, Rich, and others. Also listed as EN 350. *Note: Elementary Education majors with an English concentration and English with Teacher Certification majors **must** take this course as an EN course.*

WS 352 Psychology of Women. (3)

Prerequisites: PSY 101 or PSY 206 or permission of the Psychology and Family Studies Department Chair.

This course will present an overview of the biological, social, and cultural factors that affect women throughout the lifespan. Also listed as PSY 350.

WS 375 Women in Medieval Literature. (3)

Prerequisites: EN 101 and a 200-level English course or permission of the Department Chair of Languages, Literature, and Philosophy.

A study of the literature of the medieval period both by and about women, with special attention to the impact of the anti-feminist tradition. Some authors/works may include Chaucer, Julian of Norwich, Christine de Pisan, Beowulf, Sir Gawain and the Green Knight, Margery Kempe, and Marie de France. Also listed as EN 375. *Note: Elementary Education majors with an English concentration and English with Teacher Certification majors **must** take this course as an EN course.*

WS 384 Strategies for the Managerial Woman. (3)

Development of skills to assume managerial positions with clear-cut goals and well-defined strategies for achieving objectives. Emphasis upon professional growth, career advancement, resume building, and balancing personal and career challenges. Also listed as BU 384.

WS 425 Gender Development. (3)

Prerequisites: PSY 302 or permission of the Department Chair of Psychology and Family Studies.

This course provides an in-depth study of theories and research on gender development from conception through middle childhood. Also listed as PSY 425