

**204 History and Principles of Physical Education (4)**

Prereq: professional standing in sport sciences. (winter) History of sport and physical education from ancient to modern times. Principles underlying physical education in modern program of education are covered. 4 lec.

**205 Fundamentals of Movement, Rhythms and Dance (3)**

Prereq: professional standing in sport sciences. (fall) Introduces students to the disciplines and progressions of teaching human movement, rhythmical activities, and fundamentals of dance in school based physical education programs. Students begin to develop movement analysis techniques, refine personal movement abilities, and begin the process of learning how to teach basic movement skills. 1 lec, 4 lab.

**212 Introduction to Coaching (3)**

Prereq: soph. (fall) Presents an overview of the multiple components involved in coaching individual athletes and athletic teams. Designed for those interested in coaching at the youth, interscholastic, or intercollegiate levels. Focuses on both theory and practical application, and any sport coaching interest is accommodated. 3 lec.

**213 Youth and Sports (3)**

(winter) Covers opportunities, controversies, organizations, safety, values, rules, leadership, benefits, and settings of youth sports programs. 3 lec.

**215 Practicum in Athletics (2)**

Prereq: 212. Supervised field experience designed to involve student in coaching/administrative setting. 4 lab.

**218 Life Guard Training (2)**

Prereq: 227 or concurrent; 228 or concurrent. Principles and practices of life saving for American Red Cross certification. Special fee. 4 lab.

**220 Water Safety Instruction (4)**

Prereq: 218. Includes analysis of swimming, life saving techniques, and teaching practices. Special fee. 2 lec, 4 lab.

**221A Tennis (2)**

Prereq: sport sc or PE major. Increases tennis skill of students majoring in sport sciences. 4 lab.

**221B Badminton (2)**

Prereq: sport sc or PE major. Increases badminton skill of students majoring in sport sciences. 4 lab.

**223 Track and Field (2)**

Prereq: sport sc or PE major. Track and field activities. 4 lab.

**224A Racquetball (2)**

Prereq: sport sc or PE major. Increases racquetball skill of students majoring in sport sciences. 4 lab.

**224B Wrestling (2)**

Prereq: sport sc or PE major. Familiarizes majors with skills and knowledge necessary for successful teaching of wrestling. 4 lab.

**227 First Aid: Work Place training (3)**

Presents the knowledge and skills of the American Red Cross Standard First Aid course, including adult CPR. Certification granted upon successful completion. Special fee. 2 lec., 2 lab.

**228 Cardiopulmonary Resuscitation (1)**

Presents knowledge and skills of the American Red Cross Community CPR course, including instruction in adult, infant, and child skills. Certification granted upon successful completion. Special fee. 0.5 lec., 1.5 lab

**234 Clinical and Field-Based Experiences in Physical Education (1-4, max 4)**

Prereq: permission. Supervised practice in organizing, managing, and teaching physical education activities to school-age children in public school and clinical settings.

**240A Foundations of Sport and Games in Physical Education I (4)**

Prereq: C or better 205. (winter) Sport and games are a primary instructional component of physical education programs. This course introduces and provides instruction in a variety of sport skills. 1 lec. 6 lab.

**240B Foundations of Sport and Games in Physical Education II (4)**

Prereq: C or better 205. (spring) Sport and games

are a primary instructional component of physical education programs. This course introduces and provides instruction in a variety of sport skills and game activities that typically occur outdoors. Students will receive instruction in basic skills, tactics and strategies of game play, and will be required to apply principles of outdoor sports and games at different developmental levels. 1 lec., 6 lab.

**247 Fitness Testing (3)**

Prereq: professional standing in sport sciences. Allows students to develop the necessary skills required to evaluate health related physical fitness. Emphasizes applied skills that will be gained through hands-on experience. 1 lec., 4 lab.

**260A Flag Football (2)**

Prereq: sport sc or PE major. Increases flag football competency of students majoring in sport sciences. 4 lab.

**260B Team Handball (2)**

Prereq: sport sc or PE major. Increases team handball competency of students majoring in sport sciences or PE major. 4 lab.

**261 Practicum in Sport Science (1-5)**

Prereq: permission. Lab and field experiences designed to place students in various settings related to their program emphasis. 2-10 lab.

**262A Field Hockey (2)**

Prereq: sport sc or PE major. Increases field hockey skill and knowledge of students majoring in sport sciences. 4 lab.

**262B Soccer (2)**

Prereq: sport sc or PE major. Increases soccer skill and knowledge of students majoring in sport sciences. 4 lab.

**263A Basketball (2)**

Prereq: sport sc or PE major. Increases basketball skill and knowledge of students majoring in sport sciences. 4 lab.

**263B Volleyball (2)**

Prereq: sport sc or PE major. Increases volleyball skill and knowledge of students majoring in sport sciences. 4 lab.

**264A Softball (2)**

Prereq: sport sc or PE major. Increases softball skill and knowledge of students majoring in sport sciences. 4 lab.

**264B Lacrosse (2)**

Prereq: sport sc or PE major. Increases lacrosse skill and knowledge of students majoring in sport sciences. 4 lab.

**270 Teaching of Physical Education (3)**

Prereq: elem ed or early childhood/primary major. Lab and lecture experiences for teaching physical education in elementary school. 3 lec, 2 lab.

**290 Teaching Aerobic Exercise and Dance (4)**

Introduces students to area of aerobic dance/exercise, its history, characteristics, and related information necessary to development. 3 lec, 2 lab.

**302 Biomechanics (4)**

Prereq: C or better BIOS 301 or 302. (fall, winter) Analysis of human movement based on anatomical and mechanical principles. 3 lec, 2 lab. (Same as BIOS 352.)

**305 Coaching of Swimming (3)**

Prereq: 212 or soph. Theory of coaching swimming and diving; analysis of skills, methods, duties, and responsibilities. 3 lec.

**310 Principles, Theories and Methods of Teaching Early Childhood Physical Education (6)**

Prereq: C or better 240A, 240B. (fall) Examines the role of physical education at the early childhood level with emphasis in basic movement education with scope and sequencing for ages 3 through grade 3. Students will refine teaching skills and develop an understanding of the interrelation of curriculum, unit and lesson planning unique to teaching early childhood physical education. Observation and interaction with children through field study under the supervision of faculty and cooperating teachers. 3 lec, 6 lab.

**313 Sport Club Management (3)**

Prereq: MGT 202, jr. or sr. (winter) Focuses on application of management theory to a sport business. Emphasizes decision making techniques and communication skills leading to effective planning, organizing, and controlling a sport-related service or product. 3 lec.

**318 Coaching of Tennis (3)**

Prereq: 212 or soph. Theory of coaching tennis: analysis of skills, strategies, methods, duties, and responsibilities. Limited practical work. 2 lec, 2 lab.

**319 Analysis of Current Research in Physical and Motor Development of Athletes (3)**

Prereq: 212 or soph. Physiological, anatomical, and kinesiological research finding which maximizes motor performance and minimizes injury. Special emphasis on utilization of research in competitive sports. 3 lec.

**320 Coaching of Wrestling (3)**

Prereq: 212 or soph. Theory of coaching wrestling: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec., 2 lab.

**324 Coaching of Soccer (3)**

Prereq: 212 or soph. Theory of coaching soccer: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec., 2 lab.

**325 Human Dynamics in Sport (3)**

Prereq: 125 or 212. Interpersonal dimensions of coaching and participating in athletic programs. 3 lec.

**327 First Aid: Work Place Training Instructor (3)**

Prereq: 227. Presents all necessary information to conduct and implement an American Red Cross Standard First Aid course. Instructor certification granted upon successful completion. Special fee. 1 lec, 4 lab.

**328 CPR Instructor (3)**

Prereq: 228. Presents all necessary information to conduct and implement an American Red Cross Community CPR course. Instructor certification granted upon successful completion. Special fee. 1 lec. 4 lab.

**330 Principles, Theories and Methods of Teaching Middle Childhood Physical Education (6)**

Prereq: C or better 310. (winter) Examines the role of physical education at the elementary and middle school levels. Emphasis on curriculum development, unit and lesson planning, and methods of instruction. Students develop an understanding of the organization and administration of physical education programs appropriate for grades 4-8. 3 lec, 6 lab.

**333 Adapted Physical Education (4)**

Prereq: 310. (winter) Organization of physical activity programs adapted to needs of atypical individuals. 3 lec, 2 lab.

**334 Clinical and Field-Based Experiences in Physical Education (1-4, max 4)**

Prereq: permission. Supervised practice in organizing, managing, and teaching physical education activities to children in public schools and in clinical settings.

**335 Adapted Physical Education for the Special Educator (4)**

Prereq: EDSP 271 or EDCI 200, 201, and 202. (winter) Designed to offer insight and practical experience in the areas of motor deficiencies of children. Provides for the acquisition of observation skills, motor analysis skills, motor progressions, and the process of adapting skills, activities, and equipment to the motor needs of children with disabilities. 3 lec, 2 lab.

**339 Athletic Officiating—Football (3)**

Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program. 2 lec, 2 lab.

**340 Athletic Officiating—Basketball (3)**

Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program. 2 lec, 2 lab.

**341 Athletic Officiating—Baseball (3)**

Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program. 2 lec, 2 lab.

**345 Foundations of Exercise Physiology (4)**

Prereq: C or better 125, BIOS 301 or 302. (winter) Introduces the basic physiological principles of organ systems and body function during exercise. Special emphasis on the function of the nervous, muscular, cardiovascular, and respiratory systems and how they respond to exercise and exercise conditioning. Application of these principles in examining the optimal means to promote health-related fitness and optimal athletic performance. 4 lec.

**347 Exercise Prescription I (3)**

Prereq: 247; BIOS 301 or 302. Allows students to develop the knowledge and skills to evaluate the risk of exercise, evaluate fitness levels, write exercise prescriptions and develop exercise programming. 2 lec, 2 lab.

**348 Exercise Testing and Prescription (5)**

Prereq: 125, 203, 227, HLTH 202; no credit if 247, 347. (fall) Enables students to develop the knowledge and skills needed to evaluate the risks of exercise, evaluate fitness levels, write exercise prescriptions, and develop exercise programming. 3 lec., 4 lab.

**350 Independent Study (1-5)**

Prereq: jr, perm. Study and/or research in selected fields related to physical education, athletics, or sports sciences under direction of PESS undergraduate committee and faculty member.

**351 Coaching of Golf (3)**

Prereq: 212 or soph. Theory of coaching golf: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec, 2 lab.

**352 Coaching of Ice Hockey (3)**

Prereq: 212 or soph. Theory of coaching ice hockey: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec, 2 lab.

**353 Coaching of Lacrosse (3)**

Prereq: 212 or soph. Theory of coaching lacrosse: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec, 2 lab.

**354 Coaching of Volleyball (3)**

Prereq: 212 or soph. Theory of coaching volleyball: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec, 2 lab.

**356 Coaching of Field Hockey (3)**

Prereq: 212 or soph. Theory of coaching field hockey: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec, 2 lab.

**365 Coaching of Basketball (3)**

Prereq: 212 or soph. Theory of coaching basketball: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec, 2 lab.

**366A Coaching of Baseball (3)**

Prereq: 212 or soph. Theory of coaching baseball: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec, 2 lab.

**366B Coaching of Softball (3)**

Prereq: 212 or soph. Theory of coaching softball: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec., 2 lab.

**367 Coaching of Football (3)**

Prereq: 212 or soph. Theory of coaching football: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec., 2 lab.

**368 Coaching of Track (3)**

Prereq: 212 or soph. Theory of coaching track: analysis of skills, strategies, methods, duties, and responsibilities. 2 lec, 2 lab.

**370 Principles, Theories and Methods of Teaching Adolescent and Young Adult Physical Education (6)**

Prereq: C or better 330. (spring) Examines the role of physical education at the adolescent and young adult levels with an emphasis on curriculum development, unit and lesson planning and methods of instruction. Students develop an understanding of the organization and administration of physical education programs appropriate for grades 9-12. 3 lec, 6 lab.

**380 Life Guard Training Instructor (2)**

Prereq: current lifeguard training certificate. Focuses on the responsibilities of the lifeguard, lifeguard conduct, preventative lifeguarding, emergency plans for all types of facilities, and health and sanitation. 4 lab.

**400 Women in Sports (3)**

Prereq: jr. Examines the role of play, sports, and games in the life of women. Explores place of women in sports world, and reflects on special attitudes and structures of women's sports. 3 lec.

**405 Motor Learning (4)**

Prereq: jr. (fall, winter) Consideration of psychological, sociological, and physiological bases of learning and application of these theories to performance. 4 lec.

**408 The Black Athlete and American Sport (3)**

Prereq: jr. Explores origins of black athlete's participation in American sport and examines role of black men and women in growth of American sport and physical activity during 19th and 20th centuries. 3 lec.

**409 Tests and Measurements (4)**

Prereq: PE or comm. health major. (winter) Administration and evaluation of tests in health, physical education, and athletics; practice in handling test data by elementary statistical methods. 4 lec.

**411 The Olympic Movement (3)**

Prereq: jr. Study of origin and development of games from Greek era to modern period. Meaning of Olympism in relation to contemporary summer and winter Olympiads explored. 3 lec.

**414 Physiology of Exercise (4)**

Prereq: BIOS 345 or 343. (fall, spring) Fundamental concepts an application of organ systems responses to exercise; special reference to skeletal muscle metabolism, energy expenditure, cardiorespiratory regulation, and training and environmental adaptations. 4 lec. (Same as BIOS 445.)

**415 Physiology of Exercise Lab (3)**

Prereq: 414 or concurrent; BIOS 345. 6 lab. (fall, spring) (Same as BIOS 446.)

**416 Resistance Training: Theory and Application (4)**

Prereq: 415. (winter) Explores the physiological characteristics of muscle, its adaptations to exercise, and training methods that can be used to produce these adaptations. Emphasizes both theory and application, with hands-on experience. 3 lec, 2 lab.

**418A Instructional Experiences (1-3)**

Prereq: perm. Supervised practice in organizing and teaching activities in college and athletic settings.

**418B-E; G-Z Special Topics Seminars (1-15)**

Prereq: perm.

**421 Principles of Aging and Physical Activity (4)**

Prereq: 125. (spring) Designed to assist students to develop knowledge and skills involving physical activities for older adults. Information concerning the effects of the aging process on physical activities, benefits of physical activities, physical activity instructional considerations, principles of physical activity programming, and physical activity strategies are presented. 3 lec, 2 lab.

**447 Exercise Prescription II (4)**

Prereq: 347, 414, 415. (winter) Students develop the knowledge and skills to evaluate fitness levels and the risk of exercise, write exercise prescriptions and develop exercise programming focus-ing on the high risk and diseased population. 3 lec, 2 lab.

**448 Exercise Prescription II (5)**

Prereq: 348, 414, 415; no credit if 447. Students develop the knowledge and skills to evaluate the risk of exercise, assess fitness levels, and prescribe exercise programming for individuals from high risk and/or diseased populations. 4 lec. 2 lab.

**485 Motor Development (3)**

Prereq: 125 or 405. (spring) Principles and practices in perceptual-motor development as they relate to children's movement experiences. 2 lec, 2 lab.

**490 Internship in Sport Sciences (16)**

Prereq: sport science major, jr, perm. Elective internship with approved firm, agency hospital, unit, school, or organization.

**493 Research Dynamics: Planning, Participation and Actualization of the Research Process (1-6, max 12)**

Prereq: major, perm. A hands-on approach to research: developing the idea, establishing the

methodology, collecting data, doing the statistical evaluation, and writing the results in publication format.

**Recreation Studies (REC)**

101	Orienteering	Fee= \$5	1
102	Advanced Orienteering	Fee= \$5	1
103	Survival I	Fee= \$5	1
104	Survival II		1
105	Whitewater Rafting	Fee= \$20	1
106	Hunting		1
107	Trapshooting	Fee= \$37	1
108	Technical Climbing and Rappelling	Fee= \$20	1
109	Advanced Survival	Fee= \$5	1
111	Winter Activities		1
112	Backpacking I	Fee= \$20	1
113	Canoeing	Fee= \$5	1
114	Kayaking	Fee= \$20	1
115	Ropes		1
116	Rescue Techniques	Fee= \$20	1
117	Primitive Construction		1

**200 An Introduction to Leisure (4)**

Prereq: fr or soph. Provides student with broad understanding of nature and scope of leisure behavior and resources on which they can build their subsequent specializations. 4 lec.

**214 Camping for Special Populations (2)**

Develops and teaches implementation of camping activities for special populations with emphasis on strengths and weaknesses of individual camper. 2 lec.

**236 Field Experience in Recreation (1-3)**

Prereq: soph, jr, or sr; major or minor; perm. Designed to provide sophomore recreation student with opportunity to acquire supervised experiences in skills and techniques involved in differing areas of recreation. 2-6 lab.

**250 Recreation Leadership (4)**

Prereq: fr or soph. Lectures and discussions concerning value of recreation, leadership techniques, and selection of activities. 3 lec., 2 lab.

**251 Art and Nature Crafts for Recreation Programs (3)**

Prereq: REC major or minor. Organization of art and nature crafts program and experiences in use of various craft materials with particular emphasis on nature crafts.

**270 Introduction to Therapeutic Recreation Services (4)**

Prereq: 200; (spring) Factors presented will serve as foundation for career or employment in therapeutic services in both clinical and community settings to improve the health and well-being of those with physical, cognitive, social and/or emotional impairments. 4 lec.

**275 Recreation for Individuals with Disabilities (4)**

Prereq: 200, 250. Presents characteristics and leisure needs of various individuals with disabilities and techniques for planning and conducting inclusive recreation activities. 4 lec.

**290 Recreational Sport Officiating (3)**

Prereq: soph. (fall, spring) Provides meaningful, educational experience of practical nature in area of sport officiating. 2 lec, 2 lab.

**291 Outdoor Pursuits (3)**

(spring) Introduction to basic knowledge and skills necessary for participation and leadership in outdoor activities. 2 lec, 2 lab.

**301 Leisure Education and Facilitation Techniques (4)**

Prereq: 200, 270. Study of leisure education models and concepts; application and understanding of facilitation techniques in therapeutic recreation services. 3 lec, 2 lab.

**305 Planning and Operating Recreation Areas and Facilities (4)**

Prereq: 200, 250, REC major or minor. (winter) Provides knowledge and understanding about

planning and operating recreation areas and facilities. Focuses on undeveloped natural areas, developed areas, and facilities and maintenance operations. 4 lec.

**310 Recreation Programming (4)**

Prereq: 200, 250. (fall, spring) Concepts and fundamentals of recreation and program planning. 4 lec.

**311 Expedition Management (3)**

Prereq: jr. (fall) Will assist student in planning and competently leading wilderness camping expedition. Will acquaint student with all aspects of expedition leadership. Student will develop and lead expedition in competent, safe manner. 2 lec, 2 lab.

**312 Medical Emergency Response (3)**

Prereq: 311. Presents advanced knowledge and skills in emergency response and care for injuries, illness, respirator, cardiac, childbirth, oxygen delivery, and other emergencies. Students who successfully complete the course will receive American Red Cross emergency response certification. 3 lec, 1 lab.

**313 Fitness and Wellness Programs in Campus Recreation (3)**

Prereq: 200, 250. (spring) Examines elements in the organization and administration of fitness and wellness programming in campus recreation programs. 3 lec.

**314 Camping (4)**

Prereq: REC major or minor. (fall, spring) Introduction to and experiences in different methods of camping and various skills associated with camping. Fee= \$20.

**315 Outdoor Education and Recreation (4)**

Prereq: 200, 250, REC major or minor. (fall, spring) Designed to provide student with fundamental knowledge necessary to provide learning experiences in out-of-doors and for teaching necessary skills for outdoor living enjoyment.

**316 Social Programming and Special Events in Campus Recreation (3)**

Prereq: 200, 250. (winter) Examines and applies the concepts of social programming and special events as they relate to collegiate recreation programming. Includes identification of social programming and special event trends, collaborative work with other campus organizations, event planning, budgeting and staffing guidelines, program assessment, and evaluation. 2 lec, 2 lab.

**320 Challenge Course Theory and Practice (3)**

Prereq: 200, 250. (fall) Provides the background knowledge and skills necessary to be an entry-level challenge course facilitator. Includes foundational knowledge and theory and the facilitation and judgment skills necessary to provide safe learning experiences for challenge course participants. 2 lec., 2 lab.

**336 Field Experiences in Recreation (3)**

Prereq: 275, REC major, perm. Designed to provide junior recreation student with opportunity to acquire experience in skills and techniques involved in differing areas of recreation.

**345 Camp Leadership (2)**

Responsibilities of camp personnel at executive, administrative, supervisory, and functional levels. Includes different types of organized camps and their individual programs.

**350 Independent Study (1-5)**

Prereq: jr, perm.

**370J Writing for Recreation Studies (4) (1J)**

Prereq: jr. (winter) Allows the student to practice the writing process while investigating current issues and trends in the recreation and leisure field. 4 lec.

**376 Practices in Therapeutic Recreation (4)**

Prereq: 270, 275. (fall) Study of therapeutic recreation service, principles, and practices in various types of institutions. 3 lec.

**381 Management of Recreational Sports (4)**

Prereq: soph. (fall, winter) Organizing and administering a program of intramural sports for all age levels. 4 lec.

**390 Wilderness Survival (3)**

(spring) Provides student with basic skills and knowledge to survive in wilderness situation, to cope with wilderness emergencies, and to teach wilderness survival. 3 lec, 1 weekend trip. Fee= \$5.

**405 Internship Seminar (1)**

Prereq: jr, sr, perm. Preparation for internship and professional development. Designed to provide students with understanding of their responsibilities as well as information on goal setting, agency placements and interviewing. 1 lec.

**418A Instructional Experiences (1-15)**

Prereq: perm. Supervised practice in organizing and teaching activities in college and recreational settings.

**418B-Z Special Programs in Recreation (1-15)**

Prereq: perm. Provides the recreation major or professional unique experience and instruction in specialized topics. Designed as short-term mini-courses, seminars, and specialized workshops. Some may have additional fees attached; check *Schedule of Classes* for information.

**430 Principles of Therapeutic Recreation for the Mentally Retarded (3)**

Preparation for presenting activities and evaluating mentally retarded and learning disabled children and youths in areas of body mechanics, physical fitness, games of low organization, sports, rhythms, stunts, tumbling, and recreation activities. 3 lec.

**435 Management of Campus Recreation Facilities (3)**

Prereq: jr or sr. (spring) Examines various aspects of campus recreation facility management including facility planning and design, facility operations, risk management, compliance, and legal liability. 3 lec.

**440 Internship in Recreation (16)**

Prereq: 305, 310, 336, REC major, perm. Supervised professional field work experiences in approved program of recreation.

**445 Research and Evaluation Methods in Recreation and Leisure (4)**

PSY 120 or 221; sr, REC major. (winter, spring) Overview of research and evaluation methods as applied to recreation and leisure services. 4 lec.

**449 Recreation Administration (4)**

Prereq: 305 or 310 or 440. (winter, spring) Programs and program building; administration of playgrounds, community centers, and recreational activities. 4 lec.

**450 Issues in Campus Recreation (3)**

Prereq: 435, jr or sr. (winter) Examines and discusses issues affecting collegiate, military, and correctional recreation programs, as well as the issues affecting the field of campus recreation. Topics include trends, funding, sponsorships, professionalism, student development, service impact, extramural programming, and the role of the National Intramural and Recreational Sports Association (NIRSA) in personal and professional growth. 3 lec.

**455 Administration of Aquatic Facilities (3)**

(winter) Prepares students to supervise a facility and provides background for the mechanical functions of a pool and the organization of a total aquatic program. 3 lec.

**460 Concepts and Issues in Leisure (4)**

Prereq: 305 or 310, sr. (fall, winter) Study of selected leisure theory for the purpose of developing recreation programs. 4 lec.

**470 Assessment and Documentation in Therapeutic Recreation (4)**

Prereq: 376. (winter) Designed to prepare students to assess individuals who may have disabling conditions, to plan therapeutic recreation dependent on the consequences of these conditions, and to document the effects of the treatment plan. 4 lec.

**471 Program Design in Therapeutic Recreation (4)**

Prereq: 470. (spring) In-depth examination of therapeutic recreation planning and evaluation as it relates to specific programs using a systems theory approach. 4 lec.

**472 Trends and Issues in Therapeutic Recreation (4)**

Prereq: 471. (spring) In-depth investigation of contemporary professional issues and their relationship to current and future development of therapeutic recreation services. 4 lec.

**473 Administration of Therapeutic Recreation (4)**

Prereq: 471; no credit if 377. Preparation for administration of therapeutic recreation services; external regulations, resources, quality improvement, personnel, and advancement of the profession. 4 lec.

**475 Adventure Programming (3)**

(spring) Prepares student to plan, organize, and conduct outdoor adventure activities. 3 lec, 1 lab.

**Sports Administration/Sport Management (SASM)**

**201 Introduction to Sport Industry (3)**

Prereq: fr. or soph. (fall, winter) Introduction to the multiple facets of the sport industry. The knowledge gained in this course will provide a foundation for the future study of the industry. 3 lec.

**225 History of the Sport Industry (4)**

(fall, winter) Examines the origin and development of the sport industry in America from the 19th century to the present. 4 lec.

**376 Athletic Facility Planning and Management (4)**

Prereq: 201, OPN 310. (fall, winter) Applies the functions of management to the development, operation, and financing of sport facilities. Facilities examined include public and private arenas, coliseums, and stadia. 4 lec.

**391 Risk Management (4)**

Prereq: professional standing in sport science. (winter, spring) Prepares students to assume responsibility for programs of risk management in the sport industry. Emphasizes the policies, procedures, safety audits, risk reviews, and emergency action plans needed to develop an effective risk management program. 4 lec.

**401 Sport Marketing (4)**

Prereq: 201, MKT 202. (fall, winter) Introduces basic sport marketing concepts with application to amateur and professional sport organizations. Topics include promotions and public relations, sport consumer behavior, strategic marketing planning, marketing information management, and marketing communication. 4 lec.

**412 Sports Governance and Ethics (4)**

Prereq: sport industry major, jr. (fall, spring) Focuses upon legal questions, public relations, ethics, budgeting, recruiting, crowd control, evaluation, and personnel. 4 lec.

**425 Financial Issues in Sport (4)**

Prereq: 201, ECON 103, FIN 325. (winter, spring) Examines and applies the concepts of financial resource management to the operation of programs in the sport industry. Concepts examined include forms of ownership, taxation, financial analysis, feasibility studies, revenue generation, economic impact studies, and current issues in sports finance. 4 lec.

**430 Sport Sponsorship and Licensing (4)**

Prereq: 401. (winter, spring) Provides an overview of the elements of sport sponsorship and licensing. Content includes the rationale and benefits of sponsorship and licensing, sponsorship proposals, licensing program development, and solicitation of sponsors and licensors. 4 lec.

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## Reserve Officers Training

See Aerospace Studies or Military Science.

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## Russian

See Foreign Languages and Literatures.



## Security/Safety Technology (SST)

The following courses are available only on the Chillicothe campus:

**101 Introduction to Protective Services (3)**  
Overview of private security profession. Student will be able to relate private security's function to its proper perspective in today's complex society and to see where private security and its various functions fit into criminal justice system.

**110 Physical Security Systems (3)**  
Physical security requirements and standards. Includes study of various physical security systems plus technical devices employed in industrial, retail, and institutional security operations.

**250 Current Problems in Security (3)**  
Analysis of special problem areas in security such as security education and training, community relations, labor problems, and disaster planning. Other specific areas analyzed for further research by individual students depending upon their interest. These later areas may include bank security, campus security, computer security, hospital security, and various other areas.

**290A–Z Special Area Studies (3–4)**  
Courses designed to provide flexibility to satisfy needs of particular industry in our area of individual student who would like to pursue further study in specialized area.

## Social Work (SW)

**101 Introduction to Social Welfare and Social Work (3) (2S)**  
Provides an overview of a range of social problems and society's response to them through the social service delivery system. The problems and services described include: child abuse and neglect, drug and alcohol abuse, poverty, aging, mental health and illness, corrections, and others. Within this context, various career options and professional roles will be described, including that of social work.

**190 Social Work as a Profession (2)**  
Prereq: SW 101 or concurrent. This course, normally taken concurrently with 101, provides social work majors with a 30-hour field experience to observe operations of social service organization and roles and functions of social workers and other helping professionals. Weekly seminar.

**290 Social Welfare as an Institution (4)**  
Prereq: 101. (fall, winter) Nature of social welfare as social institution, stressing scope of social welfare activity; historical development; value orientation; response to critical social problems, issues in social policy, and emergence of social work as profession.

**410 International Social Work and Social Welfare (4)**  
Prereq: SW101, POLS 101. Explores international social work and social welfare in the context of global social issues. Presents an overview of the social work profession, the impact of global interdependence on social work practice, and historical and current social welfare challenges facing developed and developing nations.

**350 Research Methods in Social Work (4)**  
Prereq: major, PSY 221, jr or perm. General overview of the social work research process, based on the problem solving method. Special emphasis on the evaluation of practice with clients. Examines measurement instruments, sampling procedures, research designs, data collection methods, program evaluation, qualitative research, ethical issues, and the writing of research reports.

**380 Child Abuse and Neglect (4)**  
Prereq: jr or sr plus 18 hrs in social sciences. Examines processes of identification, reporting, referral, and case management of child abuse and neglect cases. Multidisciplinary approach to these processes described.

**381 Counseling Older Adults (4)**  
Prereq: PSY 101 plus jr. Focuses on basic counseling, communication, and intervention skills needed by persons working with aged. Problems specific to later yrs discussed. Field work component provides opportunity for interaction with older adults.

**382 Understanding Alcohol Problems and Alcoholism (4)**

Prereq: jr or sr. Provides knowledge and understanding of the biopsychosocial aspects of alcohol problems and alcoholism. Examines the causes and consequences of alcohol abuse, diagnostic issues, intervention, treatment, and aftercare. Also the impact of alcoholism on the family and other special groups is explored.

**383 Introduction to Social Work Practice Methods (4)**

Prereq: major, jr, or perm. Focuses on development of effective social work communication skills as they relate to social work relationship and professional practice.

**384 Social Welfare Law (4)**

Prereq: 101 or perm. Examines social work ethics, legal problems often faced by social work clients, rights of people with special needs, and social work in the criminal justice system.

**385 Administration and Supervision in Human Services (4)**

Prereq: jr or perm. Focuses on the description, analysis, and application of principles of administration and supervision that are relevant to human service agencies. Examines knowledge and skill bases of effective administration and supervision and applies them to the beginning employee.

**390 Social Policy (4)**

Prereq: 290 or perm. Examination of social policy stressing policy development; relationships of policy, goals, and organizational structure; and decision-making patterns and role assignments within social welfare organizations and agencies.

**393 Dynamics of Human Behavior I (4)**

Prereq: major, BIOS 103, PSY 273 or perm. (fall) First in two-course sequence designed to present holistic approach to assessing social functioning with emphasis on human diversity and integration of knowledge of behavior fundamental to practice of social work.

**394 Dynamics of Human Behavior II (4)**

Prereq: major, 393, PSY 374 or perm. (winter) Expands on 393 and further examines development and functioning of individual within developmental, systems, and ecological framework.

**396 Social Work Practice I (4)**

Prereq: major, 383, 390, 394, perm. (fall) First of three-quarter-sequence practice class. Focuses on context of social work practice, application of social work's ethical value system, communication, and development of analytical skills for engaging in problem-solving process.

**397 Social Work Practice II (4)**

Prereq: 396, 350, perm. (winter) Further develops the generalist approach to the problem-solving model used in 396 and applies the model to working with groups, families, and communities.

**398 Social Work Practice III (4)**

Prereq: 397, perm. (spring) Final phases of problem-solving process, evaluation, and termination are examined. Additional topic areas include grant proposal writing, effecting organizational change, and collecting and writing a research report.

**440 Mental Health and Social Work (4)**

Prereq: jr, 101, PSY 332. Explores the history of mental-health policies, stereotypes associated with mental illness, and social work practice based on a strengths model. Service learning is an integral component.

**450 Social Work in Health Care (4)**

Prereq: SW 101 plus 8 hrs. in social sciences. Provides material regarding health care on a micro and macro level to prepare social workers to intervene in practice or policy area of health care. Understanding practice with diverse populations and the role of social work values and ethics in health care settings is emphasized.

**470 Writing for Social Workers (4)**

Prereq: SW 101. Focuses on the skills required to perform the range of writing tasks required of social workers, including peer review. Course is partially online and partially classroom-based.

**486 Aging in American Society (4)**

Prereq: jr, 12 hrs in social sciences. Review of available knowledge on critical issues and problems of aged in America. Attention devoted

to social welfare programs and services designed to meet needs of elderly.

**491A Integrative Seminar (2)**

Prereq: 383, 390, 394, perm. (fall) First of three-quarter sequence, taken concurrently with 396 and 492A. Provides an opportunity to integrate field experience with coursework and personal reflection. Through discussion and journaling, students process activities, questions, and concerns related to the field practicum. Students develop analytical, written, and presentation skills through assignments focused on use of self within the context of a social service organization. A variety of practice issues are addressed including diversity, social justice, social work values and ethics, self-understanding, and professional development.

**491B Integrative Seminar (2)**

Prereq: 491A, perm. (winter) Second of three-quarter sequence, taken concurrently with 397 and 492B. See 491A for description.

**491C Integrative Seminar (2)**

Prereq: 491B, perm. (spring) Final quarter of three-quarter sequence, taken concurrently with 398 and 492C. See 491A for description.

**492A Field Practicum (4)**

Prereq: 383, 390, 394, perm. (fall) First of three-quarter sequence, taken concurrently with 396 and 491A. A three-quarter placement experience during which students begin with observation and gradually progress toward independently assuming the social work roles of teacher, broker, counselor/clinician, and advocate in generalist practice.

**492B Field Practicum (5)**

Prereq: 492A, perm. (winter) Second of three-quarter sequence, taken concurrently with 397 and 491B.

**492C Field Practicum (5)**

Prereq: 492B, perm. (spring) Final quarter of three-quarter sequence, taken concurrently with 398 and 491C.

**498 Independent Studies and Special Projects in Social Work (1–10, max 10)**

Prereq: 12 hrs SW, perm. Student responsible for design and implementation of course of study or special project in area related to social work. Student interested in course must submit proposal for approval by department chair at least 30 days prior to enrollment in course.

## Sociology (SOC)

**101 Introduction to Sociology (4) (2S)**

Nature of human society and factors affecting its development. Fundamental concepts of sociology: culture, personality, socialization, social organization, groups, institutions.

**201 Contemporary Social Problems (4) (2S)**

Prereq: 101 or soph or above. Sociological perspectives on social problems considered. Specific social problems analyzed may include problems related to crime, sexual inequality, poverty, minority groups, drug and alcohol abuse, mental illness, environment, and others.

**204 Animals and Human Society (4)**

Prereq: 101. Students will learn about relationships between humans and animals historically and cross-culturally, how the meanings attached to animals structure human-animal and animal-human interactions within several institutions, and how these meanings work to perpetuate hierarchical human relationships such as racism and sexism. Several of the major philosophical positions regarding animal-human relations will be examined critically.

**210 Introduction to Social Psychology (4)**

Prereq: 101. Patterning of individual behavior from social interactions. Analysis of individual-group relationships in various social settings. Current theory and research in social psychology.

**211 Collective Behavior (4)**

Prereq: 101. Study of collective behavior including the formation of crowds; behavior in crowds; behavior in panics, disasters, fads, and riots; and the impact of collective behavior on society.

**220 Introduction to the Family (4)**

Prereq: 101. Emphasis on American family and

how it has been changing. Topics include interaction within family, family in relation to other institutions, mate selection, marriage and its alternatives, family disorganization, and future of American family.

### 230 Sociology of Poverty (4)

Prereq: 101. Critical examination of theories of poverty, how poverty is defined and measured, theoretical implications of research on poor, consequences of poverty, and strategies to fight poverty.

### 231 Sociology of Health and Health Care (4)

Prereq: 101. Examination of social definitions of health and disease, distributions of health and disease, and health care delivery. Particular attention devoted to medical education, various health care delivery systems, and contemporary social issues in medicine.

### 233 Sociology of Sport (4)

Prereq: 101. Analysis of social aspects of sport, with emphasis on interrelationship of sport and society. Focuses on topics such as social values, education, sport roles, religion, socialization, mass media, sexism, and racism; oriented to student with interest in sports.

### 260 Criminal Justice (4)

Prereq: 101. Examination of structures and decision processes of agencies that deal with crime and criminal offenders. An emphasis is placed on how practice is based on politically derived public policies, and how sociology can be used to analyze the practice of these agencies. Topics include criminal law, policing, court systems, sentencing, and corrections.

### 261 Deviant Behavior (4)

Prereq: SOC 101. Theory and research concerning major types of deviant behavior and societal reaction to such things as criminality, suicide, drug addiction, and mental disorders. Causes and consequences of deviant behavior.

### 305 Readings in Sociology (1–6, max 6)

Prereq: 16 hrs SOC and perm. Independent directed readings designed to expand student's understanding in selected area of interest.

### 309 Sociology of Appalachia (4)

Prereq: 8 hrs SOC, including 101. Intensive study of Appalachia from sociological perspective. Emphasis on population of Appalachia (number and distribution of inhabitants, characteristics of population, vital processes and migration), culture of rural poverty, acceptance of innovation and social change in Appalachia, major social institutions in area, and community power structure in Appalachia.

### 315 Social Identities (4)

Prereq: 8 hrs SOC, including 101. Examines the diversity and complexity of social relationships between the person and society in terms of identity formation. Focus will include levels of socialization and their influence on the individual as a member of mass society.

### 327 Sociology of Education (4)

Prereq: 8 hrs SOC, including 101. School as social institution in relation to community and development of child; comparative systems of education; issues of access and inequality in delivery of educational services.

### 329 Race and Ethnic Relations in the United States (4)

Prereq: 8 hrs SOC, including 101. Racial and ethnic problems in America; causes and consequences of prejudice and discrimination.

### 331 Class and Social Inequality (4)

Prereq: 8 hrs SOC, including 101. Causes and consequences of class and social inequality in selected societies. Critical examination of ideologies that claim to justify inequality.

### 351 Elementary Research Techniques (4)

Prereq: SOC 101 and (PSY 121 or 221 or MATH 250 or 251 or COMS 301 or QBA 201 or ECON 381 or ISE 304 or 305 or 306). Research techniques in sociology. Research design; collection, recording, and analysis of data.

### 352 Field Studies in Sociology (1–10)

Prereq: 351 and perm. Planning, execution, and writeup of empirical study, utilizing skills devel-

oped in 351. Limited class meetings, conferences with instructor, research report.

### 362 Criminology (4)

Prereq: 260. Theories and research in criminal behavior and societal reaction to criminality. Causes and consequences of crime.

### 363 Juvenile Delinquency (4)

Prereq: 260 and 351 or SW 350. Theories and research in delinquency. Causes and consequences of delinquent behavior among juveniles.

### 364 Police and Society (4)

Prereq: 260 and 351 or SW 350. Examines the nature and development of policing in the United States from a sociological perspective. Students are introduced to a broad range of topics including police decision making, procedural law, police culture, types of policing, police-minority relations, and police misconduct. Examines the changing role of police in society and the potential consequences these changes have for the development of social policy.

### 365 Sociology of Mental Illness (4)

Prereq: 8 hrs SOC, including 101. Study of social and cultural foundations of mental illness, including review of historic and contemporary definitions of madness and treatment of mental illness. Distribution of mental illness in population and social factors related thereto. Nature of commitment process and legal, moral, and social implications of commitment. Examination of legal processes pertaining to criminal insanity.

### 366 Sociology of Correction (4)

Prereq: SOC 260. Examination of history, operation, and problems of punishment. Patterns of prison organization, inmate group structure, personnel organization, and racism examined. Purpose and effectiveness of penal institutions described. Prisons, juvenile institutions, parole, halfway houses, and alternatives to punishment studied.

### 367 Corporate and Governmental Crime (4)

Prereq: 260 and 351 or SW 350. Examination of the nature, extent, and distribution of corporate, governmental, and other forms of white-collar crime. Practical issues of conducting research in these areas and the application of theory to specific cases. Particular instances of corporate and governmental crime.

### 403 Development of Sociological Thought (4)

Prereq: 12 hrs SOC, including 101, or perm. Major sociological concerns and concepts in relation to their social-historical setting. Special emphasis on sociological thought in 18th and 19th centuries.

### 404 Modern Sociological Theory (4)

Prereq: 12 hrs SOC, including 101, or perm. Critical examination of major sociological conceptual frameworks in 20th century.

### 406 Proseminar in Sociology (4)

Prereq: 20 hrs SOC. Critical examination of selected theoretical and research problems. Primarily for advanced students in sociology.

### 407 Feminist Social Theory (4)

Prereq: 403 or 404. Provides a general overview of contemporary perspectives in feminist social theory and cultivates awareness of the implications these perspectives hold for sociology. Provides an in-depth examination of some of the most influential writings by feminist sociologists. The focus is on ways in which basic assumptions, concepts, and questions in sociology are brought to light from feminist points of view.

### 408 Latin American Society (4)

Prereq: 12 hrs SOC or prev course on Latin America or perm. Intensive study of Latin American society from sociological perspective. Emphasis on contemporary Latin American values, population problems, human-land relations, levels and standard of living, social institutions, urbanization, and social change.

### 412 Public Opinion Processes (4)

Prereq: 12 hrs SOC, including 101, or perm. Attitudes and opinions in relation to formation of public opinion; political socialization and participation; social status, reference groups, decision making; role of mass media.

### 413 Mass Communication (4)

Prereq: 12 hrs SOC, including 101, or perm. Personal and social functions of content in newspapers,

radio, television, and film. Types of audiences and communication effects. Organization and control of mass media and problems in evaluation.

### 414 Contemporary Social Movements (4)

Prereq: 12 SOC, including 101, or perm. Organized movements resulting in major social changes: revolutionary, nationalistic, reform, religious; agitation, leadership, ideology; case studies of typical movements.

### 416 Society and the Individual (4)

Prereq: 12 hrs SOC, including 101, or perm. Exploration of compatibilities and/or contradictions in psychological systems, culture, and social structure.

### 419 Group Processes (4)

Prereq: 12 hrs SOC and 351 or SW 350, including 101, or perm. Major theories and methods for study of small groups as units of social systems. Communication patterns, role definition, status processes, and solidarity are among topics covered. Current research literature is stressed.

### 421 Comparative Studies of Family (4)

Prereq: 12 hrs SOC, including 101. The institution of marriage and family will be examined and analyzed with regard to families from different cultural, racial, and ethnic backgrounds. Special emphasis on the significance of social and cultural determinants of family life in the United States and internationally.

### 422 The American Family System (4)

Prereq: 12 hrs SOC, including 101. Development of the family system throughout history with an emphasis on how changing patterns and conditions led to the formation of the American family. Problems and challenges, both at the micro and macro levels, faced by the American family today are also examined.

### 424 Urban Sociology (4)

Examines the social and cultural character of cities and how urban spaces shape, and are shaped by, social life. Draws on competing social theories of urban life to explore factors that have influenced the historical development of cities. Examines processes of industrialization, urbanization, and suburbanization. Other topics include ethnic segregation and the spatial patterning of inequality, uses of urban space, the social and moral order of the neighborhood, urban subcultures, urban imagery and symbolism, gentrification, and the impact of globalization on urban life.

### 428 Sociology of Religion (4)

Prereq: 12 hrs SOC, including 101, or perm. Interrelationship between religious institution and social structure from comparative perspective and with particular reference to American society.

### 429 Sociology of Race, Ethnicity, and Class (4)

Prereq: 12 hours SOC, including 329 or 331. This course is designed with a concern for understanding racism and classism at the macro level of analysis. An interpretation of social forces affecting race and ethnicity as determinants of social class will be covered. The course will enhance an understanding of racial and ethnic diversity.

### 430 Sociology of Organization (4)

Prereq: 12 hrs SOC, including 101, or perm. Concentrates on structure and process of formal organizations. Modern society dominated by giant bureaucracies. We shall study these bureaucracies in detail. Various sociological perspectives for viewing organizations considered and evaluated. Impact of organizations on individuals discussed and problems of living in society dominated by organizations treated in depth.

### 432 Political Sociology (4)

Prereq: 12 hrs SOC, including 101, or perm. Social and cultural basis of influence, power, and authority. Emphasis upon informal aspects of political process in groups and institutions other than government.

### 433 Sociology of Occupations and Professions (4)

Prereq: 12 hrs SOC, including 101, or perm. Professionalism as characteristic of modern economic and industrial complexes; popular conception and modern theory; social and technological preconditions; occupation-profession continuum; components, barriers, and strategy; mock-professionalism; motivation and satisfaction; controls; professionalism in particular professions.

**435 Sociology of the Welfare State (4)**

Prereq: 12 hrs SOC, including 101, or perm. Introduces students to major theoretical perspectives in the sociology of the welfare state, including industrialist, neo-Marxist, social-democratic, and "independent-state" perspectives. Focuses on how proponents of these sociological research perspectives deal with the emergence, organization, growth, and contemporary issues of the U.S. social welfare systems. Also some attention to the social welfare systems of Sweden and other European countries.

**450 Data Analysis (4)**

Prereq: 351 or perm. This course develops the ability to analyze research data in the social sciences. The linkages among measurement, statistics, and interpretation of results in social research will be explored. Unscheduled computer laboratory commitment is required (not open to those with credit for CS 322).

**451 Intermediate Data Analysis (4)**

Prereq: 450. Introduction to fundamentals of multivariate analysis. Topics covered include simple linear and multiple regression, analysis of variance and covariance, and logistic regression.

**453 Research Problems in Sociology (2-6)**

Prereq: 20 hrs SOC, including 351, and written perm prior to registration. Individual research in specific problem areas in which student has demonstrated ability and interest.

**464 Law and Social Control (4)**

Prereq: 12 hrs SOC, including 101, or perm. Explores the nature of institutional control and sociocultural constraint as they affect human behavior. Issues covered include the development of formal control mechanisms in societies, the binding force and authority of law, precursors of legislative and judicial law, the effectiveness of formal control mechanisms for reducing specific behaviors, how administrative agencies increase regulation of daily life and "net widening" occurs, and law's effectiveness as a social change agent. Reading material covers the U.S. and some other societies.

**465 Social Change (4)**

Prereq: 12 hrs SOC, including 101, or perm. Dynamics and processes by which social change takes place; major theories of change; industrialization and modernization; social evolution and revolution; planned change; social impact of change.

**467 Violence Against Women (4)**

Prereq: 16 hrs SOC. Examines related forms of violence where women are the predominant victims: forcible rape, marital rape, incest, spousal assault, date rape and assault, and sexual harassment. Role of pornography will be examined. Emphasis placed upon current theoretical and empirical findings and developments.

**470 Sociology of Gender (4)**

Prereq: 12 hrs SOC, including 101, or perm. Examination of social and historical factors that have kept women subordinate to men in family and prevented them from achieving equality in labor force. Also explores prospects for change.

**471 Gender and Justice (4)**

Prereq: 12 hrs SOC. Explores how the interpretation and application of criminal law reflects assumptions about men's and women's natures, appropriate roles, and positions in society. Readings examine changes and stability in the prosecution of violence against women; the prosecution, sentencing, and correction of women offenders; women's and men's access to the profession of law and other legal positions; and conceptions of justice. Readings highlight how race, class, and gender intersect and how structure and interpersonal interaction contribute to observed outcomes.

**491H Honors Thesis in Sociology (5)**

Prereq: Permission; enrolled for Dept. Honors. This course is designed individually for students pursuing departmental honors. The work is undertaken under the supervision of a faculty member and may extend for up to one academic year.

**495 Internship in Criminology (5-10)**

Prereq: sr criminology major, SOC 260, 351, 362, and perm. Provides internship experience for students majoring in pre-criminology/sociology. Students will have opportunity to apply social science knowledge and methodologies and to gain direct job-related experience in criminal justice related agency.

**Southeast Asian Studies**

See International Studies

**Spanish**

See Foreign Languages and Literatures.

**Specialized Studies (SPST)****425 Senior Seminar (2)**

Prereq: sr, specialized studies major. Seminar for specialized studies seniors, examining opportunities, challenges, and issues of the 21st century workforce. Includes engaging in self-assessment, reflection and analysis of degree program, and developing a portfolio that documents learning accomplishments.

**490 Internship (1-10)**

Prereq: specialized studies major, permission. This course provides an internship experience for students in the Bachelor of Specialized Studies (B.S.S.) program.

**499 Thesis (1-5, max 15)**

Prereq: specialized studies major, permission. Work on research or creative project for thesis; intended for students who plan to graduate with B.S.S. departmental honors.

**Swahili**

See Foreign Languages and Literatures

**Technical and Applied Studies (TAS)****301 Introduction to Technical and Applied Studies (4)**

This course will introduce technical associate degree holders to professional studies through an examination of program requirements and goals. The historical overview of the development of various technologies and their influence on Western Civilization will lead to the consideration of the nature of technology and its many societal functions. Within that historical and theoretical context, students will be introduced to various management technologies and theories of leadership, and will be required to assess their individual beliefs and skills.

**321 Research for Technical and Applied Studies (4)**

Prereq: TAS 301 and either PSY 120 or 121 or QBA 201 or MATH 250 or 251. No credit if PSY 226 or SOC 351 already taken. This course emphasizes both an understanding of research methods and the development of the critical skills necessary to interpret and to convey research results. In addition to analyzing research methods, the students will examine current technological applications designed to aid the conduct and evaluation of research. Students will analyze research projects in areas of related interest.

**451 Technical and Applied Studies Capstone Seminar (4)**

Prereq: TAS 421 and senior standing. A capstone for the BTAS degree, this course requires integration and application of professional knowledge, skills, and technologies in order to complete a professional project for a business, industry, or community organization.

**Telecommunications (TCOM)****100 A Mediated World (4)**

Prereq: TCOM freshmen only. The course exposes freshmen entering the School of Telecommunications to the use of telecommunications as a means of exploring, analyzing, and responding to the social world. It introduces freshmen to the nature of the field and its cultural implications, and presents the structure and operation of the school and its programs.

**105 Introduction to Mass Communication (4) (2S)**

Prereq: non-majors only. No credit if taken JOUR 105. All forms of mass communication including newspapers, magazines, radio-television, book publishing, public relations, advertising, and photojournalism. Begins with analysis of communication process and ends with media career opportunities.

**110 Telecommunications Writing and Production Planning (4)**

Prereq: TCOM 100 or perm. or BS6923. Introduction to nondramatic script writing in telecommunications. Examination of elements of the preproduction process.

**170 Media Perspectives (4)**

Prereq: Non-majors only. Studies role of electronic mass media in American popular culture through examination of uses, forms, themes, and implicit values. Combines lecture, discussion, and analysis of personal media uses.

**184 TV/Film Comedy (4)**

Analyzes media comedy, including theories of humor and types, styles, techniques, and varieties of TV and film comedy from the silent-movie greats through comedy teams, slapstick, sentimental, screwball, and situation comedies.

**201 Media, Culture, and Technology I (4)**

Prereq: C or better in 110 and soph. or above. Examines the structure, function, and social impact of the major forms of mass media in the United States. The course will give students an understanding of the role of the media in society and provide them with a foundation for becoming critical media users and practitioners.

**202 Media, Culture, and Technology II (4)**

Prereq: C or better in 201; and soph or above. Examines the structure, function, and social impact of the major forms of electronic mass media in the increasingly global economy. The course will give students an understanding of the media in society and provide them with a foundation for becoming critical media users and practitioners.

**220 Introduction to Audio Production (4)**

Prereq: C or better in 110, and audio sequence major (all tracks). Introduction to basic audio theory and production skills, including desktop audio production, commercial production, mixing, microphone theory and techniques, sound design, and digital audio basics.

**231 Short-form Media Scriptwriting (4)**

Prereq: C or better in 110. Writing for a variety of short form broadcast formats, including radio and television features, talk shows, documentaries, and instructional programs.

**240 Introduction to Video Production (4)**

Prereq: C or better 110, video sequence major, or audio post-pro major. Introduction to basic video production skills and aesthetics.

**260 Mass Communication Theories (4)**

Prereq: C or better TCOM 110. Readings course surveying literature in mass communication theory. Special emphasis on telecommunications.

**279 History of Telecommunications (4)**

Prereq: C or better TCOM 110. Covers social, political, and economic aspects of technologies ranging from telegraphs and Babbage enumerators to broadcasting, cable, satellite distribution, and video streaming over the Internet.

**308 Technical Basis of Telecommunications (4)**

Prereq: 110 or COM MGT major. Electronic principles of reproduction and transmission of sounds and images; functions of audio and video equipment.



**313 Field Audio Production (4)**

Prereq: audio sequence major (media production track) and 220, 308. Location audio production techniques, including planning, acoustics, live recording and live sound reinforcement, among others.

**315 Recording Industry Survey (4)**

Prereq: audio sequence major (music track) and 220, 308. An examination of the history, people, and business practices of the recording industry. Topics include: impact of the recording industry, structure of a record label (marketing, sales, promotion, legal, advertising, artist relations, A&R, etc.), music publishing, copyright, product acquisition, among others.

**318 Multiple-Camera Producing and Directing (4)**

Prereq: 240, video sequence major; portfolio review. Multiple-camera producing and directing. Lab experience in production of original studio programming.

**319 Advanced Single-Camera Producing and Directing (4)**

Prereq: 240, video sequence major; footage; permission. Producing and directing original video productions using single-camera "film style" technique. Includes all phases of production process from concept to post-production.

**323 Computer Animation (4)**

Prereq: Video major; C or better 240 or perm. Advanced animation and computerized graphic design for video.

**355 Broadcast and Cable Programming (4)**

Prereq: jr or sr nonmajor; C or better in 202 and jr or sr major. Broadcast and cable programming principles and practices; analysis and evaluation of programs and program formats.

**360 Electronic Media Management (4)**

Prereq: 355, in 202 major. Intensive overview of bases of telecommunications management; includes concepts relating to management theory, personnel motivation, organizational communication, and management's relationship to various aspects of organizational operation.

**367 World Broadcasting (4)**

Prereq: jr or sr nonmajor; C or better in 202 and jr or sr major. Analysis of national tele-communications systems in terms of political, social, economic, and cultural factors.

**371 Effects of Mass Communications (4)**

Prereq: 260 non-major; 260 and C or better in 202 major. Course is designed to acquaint students with social effects of mass media.

**384 Media Criticism (4)**

Prereq: jr or sr nonmajor; C or better in 202 and jr or sr major. Survey of contemporary methods of critical analysis as applied to television. Screenings include television programs of past, present, avant garde, and mainstream.

**390 On-Campus Practicum (1)**

Prereq: TCOM major. Practical experience in Ohio University telecommunications facilities, including the All Campus Radio Network, Athens Video Works, and the Telecommunications Center training program.

**391 Off-Campus Practicum (1)**

Prereq: TCOM major. Practical experience in off-campus media facilities. May be taken during quarter breaks or in summer. Students are required to submit a proposal and work at least 40 hours.

**405 Research Internship (1-9)**

Prereq: C or better in 202 and perm. Opportunity for student to implement and complete major research study under supervision.

**413 Commercial Music Recording and Production (4)**

Prereq: audio sequence major (music track), 220, 308, and 315. Advanced studio production techniques in music production with introduction to digital multitrack recording, recording studio procedures and business practices, typical equipment set-ups, ancillary equipment, advanced microphone techniques and advanced digital audio workstation applications. Aesthetic topics as they relate to music recording and production and current commercial music industry trends.

**414 Advanced Projects in Music Production (4)**

Prereq: audio sequence major (music track), 413. Advanced music recording and product development. Album production from artist development to CD mastering and replication will be covered.

**415 Audio Post-production for Moving Image (4)**

Prereq: audio sequence major (audio post-production track) 220, 240, 308. Audio post-production for moving picture. The course will explore the technical and aesthetic aspects of sound as it relates to the moving image. Mixing to picture, SMPTE synchronization to video, Foley sound effects, dialogue replacement, and music for picture will all be covered.

**418 Producing for Video (4)**

Prereq: 318. Developing programs for commercial, public, and corporate television. Covers program research, development, testing of program concepts, and the production process.

**419 Advanced Video Project Design (4)**

Prereq: Perm. Special projects in dramatic production for visual media.

**421 Nonbroadcast Video Systems (4)**

Prereq: C or better TCOM 202 & 240; jr. or sr. Study of use and management of telecommunications media in corporate, industrial, medical, educational, military, governmental, and public service institutions.

**425 Digital Video Post-production (4)**

Prereq: permission. Explores postproduction as design. Students will work on the process of assembling and manipulating previously existing material including video footage and material from print, CD-ROM, Internet, computer disk, and audio from various recorded media.

**430 Script Analysis (4)**

Prereq: jr or sr. Analysis of narrative media scripts, programs, and films with special concentration on their construction, audience response, and factors in effectiveness.

**431 Screenwriting for Film and Television (4)**

Prereq: jr or sr nonmajor; Writing and critique of form, structure, and presentation of dramatic programs, series, and films.

**432 Advanced Screenwriting for Film and Television (4)**

Prereq: perm. Advanced writing course in which the experienced student creates substantive scripts.

**440 Public Telecommunication (4)**

Prereq: sr major. Historical development, current status, and challenges to public broadcasting.

**453 Telecommunications Law and Regulations (4)**

Prereq: C or better in 202 and jr or sr. Sociopolitical control of telecommunications; effects of law and regulations upon telecommunications policy and operation.

**454 Personal Values in Telecommunications (4)**

Prereq: jr or sr. Explores the nature of personal values and surveys the values that have shaped and are shaping American culture. Examines the role of the individual within media institutions and media within American culture.

**459 Electronic Media Research (4)**

Various methods, techniques, and applications of audience study in broad-casting and cable; includes study of current rating services.

**461 Electronic Media Financial Management (4)**

Prereq: 360, and C or better in 202. Consideration of fiscal problems in operation of radio, television, and cable industries, with special emphasis on economics and financial policies.

**462 Broadcast and Cable Sales Management (4)**

Prereq: 360 nonmajor, 360, MGT sequence, and C or better in 202 major. Consideration of policies and practices with reference to sales management in radio, television, and cable.

**463 New Technology (4)**

Prereq: sr. Examination of emerging technologies of tele-communications, their origins, audiences, regulations, interrelations with other media, and specific applications.

**464 Cable Communication (4)**

Prereq: sr. Critical examination of cable industry, including technical aspects, franchising; programming, local, state, and federal regulation, public interest service, and cable overseas.

**465 Satellite Communications (4)**

Prereq: sr. Role of satellites in global communications from historical, technical, regulatory, economic, political, and programmatic perspectives.

**475 Politics and the Electronic Media (4)**

Prereq: sr. Examines role of electronic media in election campaigns through study of campaign strategy, polling, commercial advertising, and news coverage.

**483 Children and Television (4)**

Prereq: C or better in 202 or sr. Explores the many issues that define the relationship between children and television: the variety of television programming available for children; the unique perspective children bring to television; the public debates over the effects of television on children; and the responsibilities of the industry, the government, and adults.

**481 Women in Media (4)**

Prereq: jr or sr. Examines representation of women in media through an exploration of individual attitudes and values with respect to culture, sexism, and content analysis of media.

**482 Documentary Genres (4)**

Prereq: jr or sr. Explores the various genres of documentary video and film with a particular emphasis on television documentary and recent video works. Deals with such topics as historical development, factuality and truthfulness, objectivity, and ethics. Assignments and discussion are based on an extensive schedule of screenings. This course provides an examination of the evolution of television genres. Its intent is to provide students with an aesthetic, historic, and critical underpinning which informs the production of new genre formations even as the historic programmatic flow has become increasingly niche-driven. As such, TV genres triangulates media studies with political economy of television and audience and textual analysis.

**485 African-American Televisual Images (4)**

Prereq: 202. Investigates the construction of televisual imagery, stereotypes, and counter-images of African-American people from the inception of the television age (1948) to the present.

**486A Age, Class, Gender, Race, Sexual Orientation (4)**

Prereq: jr. or sr. Examines the representations of age, class, gender, race, sexual orientation in various media (mainstream and alternative), as well as perspectives for interpretation.

**486Y Athens Video Works (1-4, max 12)**

Prereq: Perm. Colloquium and advanced practicum for producers, directors, and managers in Athens Video Works.

**486 Colloquium in Telecommunications (1-5)**

Prereq: perm. Intensive study of special topics in field of telecommunications.

**490 Internship in Telecommunications (2-16)**

Prereq: jr or sr and perm. Telecommunications experience under auspices of cooperating organization, with paper and journal submitted detailing intern's experiences. Only 4 hrs can be used to satisfy TCOM electives.

**497 Independent Production Projects (1-4, max 12)**

Prereq: perm and written proposal. Independent projects in audio and video production.

**498 Special Problems (1-4, max 12)**

Prereq: written proposal and perm.

**499 Independent Readings in Telecommunications (1-4, max 12)**

Prereq: written proposal and perm.

## Theater (THAR)

The following courses of instruction in theater provide further clarification of the curricular requirements and models outlined in the School of Theater section of College of Fine Arts under Colleges and Curricula. All theater majors maintain close contact with their assigned advisor for guidance and clarification in programming. If you have not been assigned an advisor, contact the School of Theater office on the third floor of Kantner Hall. Further information concerning course listings is available from the School of Theater office.

**090 Lunchbag Theater Seminar Series (0)**  
Seminar and discussion about trends in theater scholarship, production, and performance techniques. May be repeated.

**101 Introduction and Orientation to the Theater as a Profession (1)**  
(fall) Acquaints theater majors and other interested students with professional theater. Examines varieties of theater institutions (educational, commercial, regional, etc.), role of administrator, producer, and director and historical background for state of American theater.

**105 Practicum in Management (1-4)**  
Prereq: perm. Supervised lab practice in problems of theater publicity, finance, and house management. May be repeated.

**110 Introduction to Performance (2)**  
Prereq: theater major. Introductory study of acting and actor. Emphasizes preparation of self and text, exploration of space, development of physical and vocal freedom through improvisation and theater games.

**111 Acting Improvisation I (2)**  
Prereq: theater major. Verbal and nonverbal improvisation. Emphasis on presence, spontaneity, action, and invention through exercises and improvisations.

**112 Introduction to Performance Warm-up (2)**  
Introduction to the study and practice of the actor's physical and vocal warm-up for rehearsal, training, and performance.

**113 Acting Fundamentals I (4)**  
Prereq: non-major. Introductory study of acting and actor. Emphasizes preparation of self and text, exploration of space, and development of physical and vocal freedom through improvisation and theater games.

**130 Design Principles for the Stage (3)**  
Principles of scenography design. 2 lec, 1 lab.

**131 Practical Elements of Stagecraft (3)**  
Principles of technical production. 2 lec, 1 lab.

**135 Practicum in Production Design (1-4)**  
Prereq: perm. Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound. May be repeated.

**150 Viewing Performance (2)**  
Integrates classroom and student life activities at the University by combining the OU Artist Series and major productions of the schools of Comparative Arts, Music, Dance, and Theater with seminar course dealing with characteristics of the medium and artistic concerns. A two-hour seminar precedes and follows each of the four performances. No credit to those with credit for CA 150, DANC 150, or MUS 150.

**151 Fundamentals of Playwriting (3)**  
Prereq: theater major or theater minor. Introduction to the principles and practices of dramatic writing.

**170 The Theater Experience (4) (2H)**  
Exploration of nature and function of theater as art form through exploration of performer/ space/ audience interrelationship. Attendance at selected rehearsals and performances of Ohio University Theater productions augment lecture and discussion sessions. Attendance at selected professional theatrical performances may be included.

**171 Play Analysis (3) (2H)**  
Introduction to text analysis based on premise

that understanding of play's text is important step toward understanding both performance of that play and means by which that performance is created. Attendance at Ohio University Theater productions is important augmentation to class lectures and group discussions.

**172 Elements of Performance (3)**  
Prereq: theater major or theater minor. Introduction to the elements of performance that create theater and drama, including text, performer, spectacle, spectator, and performance space. The emphasis is on the analysis of the text, how the text works as part of the performance, and how the text is brought to life in performance. Attendance at Ohio University Theater productions is required.

**201 Play Production (4)**  
A study of all the areas associated with the production of a play. Students have the opportunity to apply classroom theory in a practical production environment.

**205 Practicum in Management (1-4)**  
Prereq: perm. Supervised lab practice in problems of theater publicity, finance, and house management. May be repeated.

**207 Practicum in Production Stage Management (5)**  
Prereq: Soph only. Supervised lab practice as a production stage manager for one of the School of Theater plays.

**210 Acting I (4)**  
Prereq: theater major and perm. Principles and techniques of acting with emphasis on playing action (Stanislavsky). Self-discovery, warm-up techniques, theater games, improvisation, monologue exercises, preliminary scoring techniques, and script analysis techniques for actors underline this introduction.

**211 Acting II (4)**  
Prereq: theater major and perm. Principles and techniques of acting with major emphasis on action and characterization. Scenes and monologues from American and other modern and contemporary drama.

**212 Acting III (4)**  
Prereq: major, 210 or 211, and perm. Long duet scenes, multi-character scenes, and short plays for study and performance. Grad directors and public performances are frequently incorporated into final work.

**213 Acting Fundamentals II (4)**  
Prereq: 110 or 113. Study of acting and the actor from the point of view of strengthening concentration and commitment to performance tasks; introduces principles of text and character scoring.

**215 Practicum in Acting (1-4)**  
Prereq: soph, audition. Supervised lab practice in rehearsal and public performance of roles. May be repeated.

**216 Introduction to Stage Movement (2, max 4)**  
Prereq: theater major or perm. Introduction to physical and movement elements of the actor's craft and stage performance, including neutral presence, alignment, walking, and availability. May be repeated.

**217 Introduction to Voice (2, max 6)**  
Prereq: theater major or perm. Individual and group instruction in basic elements of voice training for the stage. May be repeated.

**218A Voice/Speech Training for Broadcasters: Lessac Approach (2)**  
Group and individual instruction in basic elements of vocal training through Lessac system.

**218B Voice/Speech Training for Broadcasters: Lessac Approach (2)**  
Prereq: 218A. Continuation of 218A-218B; see 218A for description; must be taken in sequence.

**218C Voice/Speech Training for Broadcasters: Lessac Approach (2)**  
Prereq: 218B. Continuation of 218A-218B; see 218A for description; must be taken in sequence.

**227 Practicum Stage Management (2-4)**  
Prereq: 218B. Continuation of 218A-218B; see 218A for description; must be taken in sequence.

**230 Stagecraft: Scenery (3)**  
Prereq: perm. Supervised practical Stage Managing one of the School of Theater's plays.

**231 Stagecraft: Lighting (3)**  
Prereq: 131. Procedures and practice in theatrical production; practical experience.

**232 Stagecraft: Costume (3)**  
Prereq: 131. (spring) Procedures and practices in theatrical production; practical experience.

**233 Theatrical Design Skills (4)**  
Prereq: perm. An introduction to fundamental design skills, visual research, drafting, model construction, and script analysis as applied to design.

**235 Practicum in Production Design (1-4)**  
Prereq: perm. Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound. May be repeated.

**237 Basic Makeup (1)**  
Theory and practice of stage makeup. 1 lec, 1 lab.

**250 Playwriting I (4)**  
Prereq: 151. Introduction to theories of playwriting in particular, and dramatic writing in general. Students will be introduced to basic structure, idea development, character and plot development.

**270 Theater History I (4)**  
Development of theater and drama in prehistoric, Greek, and Roman periods. No credit to those with credit for CA 270.

**271 Theater History II (4) (2H)**  
Development of theater and drama in medieval and Renaissance periods. No credit to those with credit for CA 271.

**272 Theater History III (4) (2H)**  
Development of theater and drama from Renaissance to modern. No credit to those with credit for CA 272.

**297T Theater Tutorial (1-15)**  
Prereq: perm. Subject matter of course arranged by tutorial student in consultation with School of Theater tutorial advisor.

**298T Theater Tutorial (1-15)**  
Prereq: Honors Tutorial. See description for 297T.

**299T Theater Tutorial (1-15)**  
Prereq: Honors Tutorial. See description for 297T.

**305 Practicum in Management (1-4)**  
Prereq: perm. Supervised lab practice in problems of theater publicity, finance, and house management. May be repeated.

**307 Practicum in Production Stage Management (5)**  
Prereq: juniors only. Supervised lab practice at the junior level as the production stage manager for one of the School of Theater plays.

**310 Audition Technique and Practice (3)**  
Prereq: performance major or perm. Preparation of audition materials, experience in various audition spaces, development of techniques for cold reading, solo and duet, "scene of choice," and the development of positive attitudes toward the audition.

**311 Improvisation II (2)**  
Prereq: performance major or perm. Advanced exploration of non-scripted performance modes and creative presence through improvisations and exercises.

**312 Scene Study I (2-4)**  
Prereq: performance major or perm. (spring) Advanced undergraduate actors rehearse and perform in scenes or short plays, sometimes directed by faculty or 2nd-yr grad directors.

**313 Acting Studies I (4)**  
Prereq: 210 or 213. Continuation of work begun in 213 with special application to scene work.

**314 Theater Performance: Selected Topics (2-3)**  
Prereq: performance major, perm. Advanced performance studio. Explores nontraditional performance and contemporary drama. Emphasis is on the performer as creator. Guest artists may be brought in to enrich the class experience. May be repeated.



- 315 Practicum in Acting (1–4)**  
Prereq: jr, audition. Supervised lab practice in rehearsal and public performance of roles. May be repeated.
- 316 Movement Theater I (3, max 9)**  
Prereq: jr, performance major or perm. (fall) Principles and techniques of theater movement. May be repeated
- 317A Voice for the Stage I (3)**  
Prereq: performance major. (fall) Principles and practice in vocal action for stage.
- 317B Voice for the Stage II (3)**  
Prereq: 217C. Principles and practice in vocal action for stage.
- 317C Voice for the Stage III (3)**  
Prereq: 317B. Principles and practice in vocal action for stage.
- 318 Accent Modification (2)**  
This course is designed for international students and teaching assistants who wish to improve their speech, pronunciation skills, modify accents or regionalisms for a more effective communication. Exercises to address resonance, projection, and pitch intonation will also be introduced.
- 327 Practicum Stage Management (2-4)**  
Prereq: perm. Supervised practical experience Stage Managing one of the School of Theater's plays.
- 330 Elements of Technical Direction (4)**  
Prereq: perm. Introduces technical theater students to the mechanics of structures, as well as the management skills related to the work of the contemporary technical director.
- 331 Theory of Lighting (4)**  
Prereq: 231 and perm. (fall) Creative processes in design and execution of lighting for proscenium and non-proscenium forms.
- 332 Costume Design I (4)**  
Prereq: perm. Application of principles of design to stage costuming, with emphasis on figure drawing, characterization, and conceptualization.
- 333 Fundamentals of Scene Painting (1–4)**  
Basic materials, techniques, and theory of painting for the stage.
- 334 Scene Design (4)**  
Prereq: 233. Principles and projects in scene design.
- 335 Practicum in Production Design (1–4)**  
Prereq: perm. Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound. May be repeated.
- 336 Props and Crafts Techniques (4)**  
Prereq: perm. An introduction to theatrical crafts, casting, and soft sculptural construction techniques and materials, as well as painting and decorative techniques.
- 336A Digital Drawing for Theater: Photoshop**  
Illustration techniques. Prereq: perm. This course uses Photoshop to teach digital drawing and painting techniques, collage and layering techniques, and photo correction and reproduction techniques for theatrical design research, illustration, and digital portfolio development.
- 336B Digital Drawing Topics (1–4)**  
Prereq: perm. This course teaches digital drawing, drafting, rendering, modeling, illustration, and photo reproduction skills necessary for theatrical designers and technicians engaged in production design and construction processes, research and portfolio development.
- 337 Advanced Makeup (3)**  
Prereq: 237. Caricature, 3-dimensional and non-realistic makeup; rubber prosthesis.
- 338 History of Costume (4)**  
Development of dress and influence of cultural factors from the Greeks to 1900.
- 345 Ohio Valley Summer Theater Practicum (1–6)**  
Prereq: perm. Supervised practice and experimentation in the company operation of a community theater performance project. May be repeated for credit.
- 350 Playwriting II (4)**  
Prereq: 250 and perm. Theory and practice of dramatic writing.
- 397T Theater Tutorial (1–15)**  
Junior-level tutorial class for students in the Honors Tutorial College.
- 398T Theater Tutorial (1–15)**  
See description for 397T.
- 399T Theater Tutorial (1–15)**  
See description for 397T.
- 402 Theater Management (4)**  
Prereq: Junior. Procedures and practices in management of theater, including theater publicity, marketing, finance, ticket office, and house management.
- 405 Practicum in Management (1–4)**  
Prereq: perm. Supervised lab practice in problems of theater publicity, finance, and house management.
- 407 Practicum Production Stage Management (5)**  
Prereq: seniors only. Supervised lab practice as a production manager for one of the School of Theater's advanced level plays or related production.
- 409 Independent Studies in Administration (1–6)**  
Prereq: perm and independent study form. Allows advanced theater major to develop study project in aspects and problems of theater administration beyond normal course offerings.
- 410 Scene Study II: Selected Topics (2–4, max 12)**  
Prereq: performance major or perm. Advanced performance studio. Topics vary. Genre- or topic-specific courses may include 20th-century innovators, Beckett and beyond, second series, radio drama, and theater performance. Courses emphasize application of research and studio experience with significant drama. May be repeated.
- 411 Acting IV (3)**  
Prereq: performance major or perm. Advanced performance studio. Topics vary. Exploration of acting through exercises and scenes with specific genres and topics, including Ibsen/Chekhov and Shakespeare. Examines specific requirements, similarities, and differences in historically significant theater. May be repeated.
- 412 Acting for Camera (3)**  
Prereq: perm. Performance experience in television acting with special emphasis on studio policies and operations, relationship of talent to the whole process of television production, analysis of camera performance techniques, and the production of scene work. This course is offered in conjunction with TCOM 419.
- 413 Acting Studies II (4)**  
Prereq: 313. Application of principles and techniques learned in earlier classes to a full text leading to public performance.
- 414 Acting V: International Performance—Selected Topics (3)**  
Prereq: performance major, perm. Advanced performance studio. Emphasizes exploration of specific performance skills in verbal and nonverbal international performance. In a given quarter, the focus can be as broad as drama of a region or country (Africa, Latin America, Asia, Middle East, Argentina, South Africa, Indonesia, Chile, India) or as specific as dramatic forms, authors, movements, and methods (Noh, ritual drama, masked dance and drama, Athol Fugard, Zakes Mda, Augusto Boal and the Theater of the Oppressed, Tadashi Suzuki, etc.). Guest artists may be brought in to enrich the class experience. May be repeated.
- 415 Practicum in Acting (1–4)**  
Prereq: senior, audition. May be repeated. Supervised lab practice in rehearsal and public performance of roles.
- 416 Movement Theater II (3, max 9)**  
Prereq: sr, performance major or perm. Advanced principles and techniques of movement theater, including improvisation and composition. May be repeated.
- 417 Advanced Voice Training: Dialects and Scansion (2)**  
Prereq: sr, performance major. (spring) Introduction to and experience in scanning essentials of versification as it particularly applies to reading of dramatic lines. Introduction to study of dialects through use of study tapes and other source materials.
- 418 Senior Project (2-4)**  
Prereq: sr, theater major. Written component (short paper) of the performance project designated by the student and advisor as the senior project.
- 419 Independent Studies in Acting (1–6)**  
Prereq: perm and independent study form. Advanced theater major can develop study project in aspects and problems of acting beyond normal course offerings.
- 420 Advanced Directing (4)**  
Prereq: Senior BFA/BA THAR major or perm. for minors. Practical experience in directing for stage.
- 425 Practicum-Directing (1–4)**  
Prereq: perm, max 12 hrs.
- 426 Stage Management (3)**  
Prereq: perm. (fall) Theoretical course in techniques and methods of professional stage management.
- 427 Practicum in Stage Management (2–4)**  
Prereq: 426 and perm. Supervised practical experience in stage managing of University theater or related production.
- 428 Stage Management II (4)**  
Prereq: 426. The stage manager's role in various different professional theater organizations and their union contracts will be covered. Theater internships, resumes, and cover letters will be taught.
- 429 Independent Studies in Directing (1–6)**  
Prereq: perm and independent study form. Advanced theater major can develop study project in aspects and problems of directing beyond normal course offerings.
- 430 Advanced Stagecraft (4)**  
Prereq: 230, 231, 232. Advanced problems of scenery construction, handling, and rigging.
- 430A Introduction to Stage Rigging (4)**  
Prereq: 430. This course focuses on safe and acceptable standards for stage rigging practices within the entertainment industry.
- 430B Welding for the Theater (4)**  
An introduction to the materials and techniques of welding and metal fabrication for the scenic technician.
- 430C Application and Technique for Theatrical Softgoods**  
Prereq: 230. Introduction to contemporary theatrical fabrics and the creation of theatrical softgoods.
- 431 Lighting Design II (4)**  
Prereq: 131, 231, 331. Provides the student opportunities for preparation and critique of lighting design projects in a variety of theatrical contexts.
- 432 Costume Design II (4)**  
Prereq: 332, 338. Application of principles of design to stage costuming, with emphasis on conceptualization and period work.
- 434 Scene Design II (4)**  
Prereq: 334. Provides student with a series of design projects with an emphasis on portfolio preparation.
- 435 Practicum in Production Design (1–4)**  
Prereq: perm. Supervised lab practice in design and execution of scenery, lighting, costumes, properties, and sound.
- 436A Model Construction for the Scene Designer (4, max 8)**  
Prereq: perm. Introduction to the materials and techniques of model construction for the stage, including 1/4" and 1/2" scale models—experimental, working, and presentation models.
- 436B Drafting for the Stage (4, max 8)**  
Prereq: perm. Fundamental and advanced problems of drafting for the stage, including plans, sections, front elevations, rear elevations, and details.

**436D Costume Period Patterning Techniques (4)**

Prereq: perm. Introduction to draping and advanced period construction and patterning techniques. Advanced sewing ability is required.

**436F Properties Construction and Organization for the Stage (4)**

Prereq: perm. To introduce the student to the organizational skills and craft techniques required to hold a job in a professional prop shop.

**437A Sound Design I (4)**

Prereq: perm. Principles and functions of sound design for the theater.

**437B Sound Production (4)**

Prereq: perm. Principles, characteristics, and techniques in the use of sound equipment for the theater.

**438A Historical Bases of Design I (4)**

Prereq: major or perm. Survey of research techniques in history, the arts, and period "style" from Antiquity to Early Renaissance in Western Civilizations for the purpose of theatrical production.

**438B Historical Bases of Design II (4)**

Prereq: major or perm. Continuation of 438A, covering the period from the High Renaissance to the present.

**439 Independent Studies in Production Design (1-6)**

Prereq: perm and independent study form. Advanced theater major develops study project in aspects and problems of production design beyond normal course offerings.

**440 Professional Theater Internship (1-16)**

Prereq: perm.

**450 Advanced Playwriting (4)**

Prereq: 350, playwriting major. Special problems in writing long plays.

**451 Playwrights Workshop (3, max 9)**

Prereq: perm. Practical workshop experience for playwrights, directors, and actors with new scripts. May be repeated.

**459 Independent Studies in Playwriting (1-6)**

Prereq: perm and independent study form. Advanced theater major develops study project in aspects and problems of playwriting beyond normal course offerings.

**465 Practicum in Directing (1-4)**

Prereq: perm. Supervised lab practice in planning and executing dramatic production.

**470 Tragedy (4)**

Prereq: jr or sr. Study of tragic genre through both plays and critical and theoretical documents. No credit to those with credit for CA 470.

**471 Comedy (4)**

Prereq: jr or sr. Study of comic genre through both plays and critical and theoretical documents. No credit to those with credit for CA 471.

**472 Forms of Drama (4)**

Prereq: jr or sr. Study of genres of melodrama, farce, and tragicomedies through examination of plays and critical and theoretical documents. No credit to those with credit for CA 472.

**473 Seminar in Theater History and Drama: Selected Topics (4, max 16)**

Prereq: THAR or CA 270 or 271 or 272. An in-depth examination of a selected area of theater history and drama. May be repeated for credit.

**475P Practicum in Dramaturgy (2-6, max 24)**

Prereq: perm. Practical experience as a dramaturg on School of Theater productions, including historical, textual, and biographical research, as well as audience outreach activities.

**477 American Theater and Drama (4)**

Prereq: jr or sr. Study of significant movements and major playwrights of the American theater, with an emphasis on the 20th century.

**479 Independent Studies in Theater History and Criticism (1-6)**

Prereq: perm and independent study form. Advanced theater major develops study project in aspects and problems of theater history and

criticism beyond normal course offerings.

**497T Theater Tutorial (1-15)**

Senior level tutorial class in theater subjects for students in the Honors Tutorial College.

**498T Theater Tutorial (1-15)**

See description for 497T.

**499T Honors Tutorial (1-15)**

See description for 497T.

**Tier III (T3)**

Tier III, the final element of the General Education program, is a senior-level requirement for students who entered the University in September 1982 or after.

Two key ideas spurred the thinking that went into the creation of Tier III. One was structural, the other theoretical. The framers of the General Education Requirements believed that a solid and meaningful program of liberal studies should not be confined to basic courses taken largely during the freshman year, but should extend throughout an undergraduate's experience, enriching work in the upper division. The junior-level composition requirement, as well as Tier III, is a reflection of this conviction. Secondly, while there was wide agreement that work in the major was excellent for developing in students the powers of analysis—the ability to break things into smaller and smaller parts for detailed inspection and understanding—we realized that our curriculum offered few opportunities for students to develop a capacity for synthesis.

That capacity was defined as the ability to weave many complex strands into a fabric of definable issues, patterns, and topics. We wanted to nurture in our students the ability to understand that problems and issues are often only successfully approached from a variety of perspectives. To contribute to the preparation of men and women capable of handling complex intellectual and social issues, we needed to bring them together in courses specifically designed to confront broad topics from multiple perspectives.

**400 New Scholarship on Women: The Question of Difference (4)**

Prereq: sr, WS 100 and WS certificate student; course may not also count toward major requirement. Examines the question of sexual differences that plague and motivate contemporary feminist analyses. Explores new scholarship in diverse discipline that contributes to differences among women and between women and men.

**401 Seminar in Political Communication (5)**

Prereq: sr and permission; course may not also count toward major requirement. Investigates selected aspects of political communication.

**401A Images of Blacks in the American Mind (4)**

Prereq: sr, Tier II completion. Examines the nature, the sources, and the effects of ideas and attitudes about Americans of African descent that have pervaded American culture. Focuses upon images of blacks as bucks, coons, buffoons, improvident children, mummies, devoted Christians, etc., with a view of showing how widespread and deeply embedded these images have been in American culture and how they contributed to slavery and the subsequent exclusion of blacks from the mainstream of American life. Interdisciplinary in nature, the course uses the approaches and materials of a variety of fields of study—literature, art, film, history, the natural sciences, social sciences, popular culture.

**401B American Experience Through Novels and Films (4)**

Prereq: sr, 8 hrs humanities. Offers interdisciplinary perspective on aspects of American cultural experience and awareness of nation's fictional and cinematic contributions. Works of fiction (with occasional plays) and their film adaptations are studied for purpose of exploring issues, such as frontier, American dream, black/white relations, individualism versus collectivism, heroism, and feminism, pertinent to understanding of American experience.

**401C Race and Ethnicity (4)**

Prereq: sr, 8 hrs social sciences. Review of various theories of race. Critique of diverse definitions of ethnic groups. Due attention given to problem of ethnicity in international arena. Cross-national comparisons made of ethnic processes in developing countries, vis à vis ethnic processes in U.S., Western Europe, and Eastern Europe.

**402B Introduction to Alternative Agriculture (4)**

Prereq: sr and one PBIO course. Approaches agriculture through three disciplines: history, health, and environmental and plant biology, particularly as latter relates to growth of plants in soil. Historical dev. of current agricultural problems is examined, and practical, biologically based solutions are proposed. The relationship between soil infertility and the health and disease of animals and humans is also examined. Problems relating to Third World cultures are emphasized.

**404A Reconstructing Roman Slavery (4)**

Prereq: sr. Attempts to reconstruct slavery in Roman world from the materials that have survived, including descriptions of slavery and slaves by the slave owners, literature that features characters who are slaves, and archaeological remains that illustrate the conditions of slavery.

**406A Peace Corps Volunteers and Third-World Development (4)**

Prereq: sr or perm; Tier II completion. Focuses on traditional societies throughout the world and on the interaction between people in those societies and "outsiders" from richer communities. Included are presentations by returned U.S. Peace Corps volunteers. Traditional societies, the impact on those societies of rapid social and economic change, challenges of intercultural communication, problems of project administration, and the ecological and environmental results of interaction.

**407A Darwin Among the Poets: England in 1859 (4)**

Prereq: sr and one course in English, political science, biology, or history. 1859 saw publication in England of an unusually large number of major works in various fields. This course examines climate of ideas that produced these works, the works themselves, and ideas and issues that resulted from them. Deals with Victorian (and modern) issues that touch on literature, science, politics, history, sociology, and religion.

**407B The Autobiographical Quest (4)**

Prereq: sr and one 200-level ENG course or perm (not open to students who have had 414A). Study of selected autobiographies with particular emphasis on individual's quest for meaning or value in course of life. Works examined and compared from various perspectives—literary, philosophical, religious, psychological, and social—as appropriate.

**407C The Existential Vision: Philosophy, Literature, and Film (4)**

Prereq: sr and one course in philosophy, literature, or film. Seeks to synthesize contemporary philosophy, literature, and film by studying themes introduced by existential philosophers but also treated by post-WW II writers and filmmakers.

**407E American Indian Cultures Through Literature (4)**

Prereq: sr, Tier II completion. Offers students opportunity to explore U.S. history from perspective of Native American scholars as well as traditional historians, anthropologists, and literary scholars.

**407G Feminist Film: Aesthetics and Politics (4)**

Prereq: sr, 12 hrs in English, Film, and/or Women's Studies. Draws on three areas of study: English, Film, and Women's Studies. This course examines issues such as visual politics of representation and feminist film language; it explores the strategies of resistance historically used by women artists to examine and question patriarchal and Eurocentric ideology.

**407H Shakespeare and Psychology (4)**

Prereq: sr, ENG 301, 303 or PSY 332. Examines Shakespeare's delineation of character psychodynamics and, at the same time, examines how psychological interpretation makes plain or illuminates Shakespeare's characters. Course is part of larger attempt to explore ways in which literary and psychological interpretation complement each other.

**407L The Literacy Crisis: Origins and Effects (4)**

Prereq: sr. Are the literacy skills acquired by students in schools in the United States adequate to the demands made by industry and society? Are the legislative and educational reforms designed to raise those levels likely to succeed or fail? This course will attempt to answer these questions. Only at OU—Eastern Campus, St. Clairsville.

**407N Renaissance Texts and Sex (4)**

Prereq: sr, 8 hrs upper div. ENG or HUM. Through the disciplines of law, literature, social history, and theater, examines female and male sexuality, particularly state versus individual control, as evidenced in Renaissance theater and drama and Renaissance courts and law. Studies and synthesizes 16th-, 17th-, and late 20th-century attitudes about sexuality. Includes study of family law issues, property law, and slander through the texts of London consistory (Bishop's) court cases, legal texts, theater treatises, two Shakespearean dramas, and film and stage versions of these dramas from the last three decades.

**407P Sin and Sex in Western Legal History (4)**

Prereq: sr, 8 hrs Tier II humanities. Using religious and philosophical texts from Plato to Thomas Aquinas, letters, legal documents, poetry, prose, rule books, art, and music, this course examines Western attitudes toward sex and sexuality and considers such questions as these: what do we mean by "masculine" and "feminine" and what do masculinity and femininity have to do with sin and sex? What are the connections between sin, sex, and politics?

**407Q Kiss Me Deadly: Film Noir/Novels in the 40s and 50s (4)**

Prereq: sr, 8 hrs Tier II humanities, Film 201 or 202. Explores the literary and cinematic world of "noir," a critical term that refers to certain "black" or darkly-lit films of the 1940s and 1950s and to American, "hard-boiled" detective fiction of the same period, so-called "roman noir."

**408A Environmentalism in America (4)**

Prereq: sr. Topical survey of schools of thought, themes, and specific issues in American conservation in past century. 19th-century transcendental thinkers are baseline for survey. Contemporary environmental issues and debates provide capstone for course.

**408B Landscape and Culture (4)**

Prereq: sr and two courses or hours in social science. Considers Anglo-American landscape as key to understanding Anglo-American culture and its myths (e.g., frontier) and stereotypes (e.g., individualism).

**409A Geologic Resources (4)**

Prereq: sr, 4 hrs GEOL. Considers the interplay between extraction and use of mineral/energy resources and society. Plate tectonics and the rock cycle serve as examples of synthesis within the disciplines of the geological sciences. More interdisciplinary exercises in synthesis examine some of the geopolitical implications of resource distribution and how humans adapt their resource utilization as conditions change. Culminates with study of how the earth, oceans, and atmosphere interact as a system through which carbon moves and affects climate on multiple time scales. Effects of this system on society and vice versa are considered with regard to resource use.

**409B Bahamas: An Island as an Environment (4)**

Prereq: sr. Course takes place in Bahamas during winter intercession and examines environmental issues in tropical ecosystems. The Bahamian islands provide a model for understanding the processes impacting both long-term and immediate results in the interplay of rural and urban priorities and nature in a tropical environment.

**410A Philosophies of History (5)**

Prereq: sr and one course in HIST or PHIL. Study and discussion of different philosophies of history dating from ancient to modern period. Analysis of how thinkers have taken empirical data of history and shaped them into metaphysical form.

**410B The Age of Michelangelo (4)**

Prereq: sr. Michelangelo's life (1475–1564) spans two most significant movements in early modern European history: Renaissance and Reformation. All of his work, artistic and literary, reflects these

movements. By studying his life and work, one is able to acquire richer and more lasting insight into and appreciation of Renaissance and Reformation. Deals with philosophy, theology, architecture, art history, literature, and history.

**410C The Folklore of Espionage: The Spy in Novel, Film, and History (4)**

Prereq: sr, 8 hrs Tier II social sciences or humanities. Presents the historical treatment of intelligence operations and espionage which have been depicted in literature and on film during the 20th century. Major themes include "The Spy as Hero"; "The Spy as Anti-Hero"; "Moles"; "Double Agents in Espionage"; "The Ambiguities of Cold War Espionage"; "Assassination"; "Espionage as Comedy"; and "Games Intelligence Services Play." Five novels and nine films that deal with these and other themes are examined.

**410F Gender in the Renaissance (4)**

Prereq: sr; Tier II completion; HIST 101, 122, or 123. Examines gender in the Renaissance, using history, anthropological perspectives, and gender analysis. Focuses on seven case studies, ranging from Joan of Arc to colonial Virginia and New England in the 17th century.

**411A Linguistics and Semiotics: The Interpretation of Cultures as Texts (4)**

Prereq: sr, LING 270 or perm. Descriptive and functional linguistic approaches are applied to analysis of cultural phenomena and interpretation of their meanings for present and past societies.

**411C Language and Mind (4)**

Prereq: sr or perm; one 300-level LING, PHIL, PSY, or ANTH. Evidence drawn from Noam Chomsky's theory of language will be brought to bear on the question of the place of the mind/brain in the natural world. Chomsky's claims touch on issues of central importance for linguistics, psychology, philosophy, and anthropology, and have had a decided impact on all of these fields over the past 30 years.

**413B Science, Culture, and Human Values (4)**

Prereq: sr and completion of Tier II in humanities and natural sciences. Examines nature of art and scientific inquiry by means of various 20th-century attempts at integration.

**413D Irony in Literature and Society (4)**

Prereq: sr or perm, one Tier II course in literature. Exploration of ironic elements in literature, media, and society, with special attention to differences between ironic structures created through language and those found in visual arts and in music.

**414A The Autobiographical Quest (4)**

Prereq: sr, 4 hrs PHIL; or perm; not open to those who have had 407B. Study of selected autobiographies with particular emphasis on individual's quest for meaning or value in course of life. Works examined and compared from various perspectives—literary, philosophical, religious, psychological, social—as appropriate.

**414B Liability and Responsibility in the Law (5)**

Prereq: sr, 8 hrs humanities or social sciences. Study of some of major problematic areas in ascription of legal liability and responsibility. Chief areas of concern are: (1) grounds on which courts determine who or what is causally responsible for what occurred; (2) extent to which finding of legal responsibility should take account of intentions, knowledge, recklessness, etc., of accused; and (3) whether only sane individuals should be held legally responsible.

**414C Semiotics in Communication (5)**

Prereq: sr. Semiotics is concerned with systems of signs, their interrelationships, and the images used to transmit such systems. This course introduces students to structures and processes of communication through the use of semiotics.

**414F Stories and the Pursuit of Meaning (4)**

Prereq: sr. To achieve a critical understanding of the human pursuit of meaning achieved through "cosmic" storytelling, this course examines a psychological foundation of storytelling, a philosophical taxonomy of stories, epistemological clues for assessing stories, the postmodernist disprivileging of all stories, and the Biblical, Buddhist, African, Marxian, and existentialist traditions as bearers of cosmic stories.

**415A Entropy and Human Activity (4)**

Prereq: sr. Examines the application of the concept of entropy to human society as a whole, through the critical reading and discussion of works by Jeremy Rifkin and Bernard Cohen. Energy is conserved, but most physical processes involve transformations of available energy into forms less readily available. Rifkin claims that civilized humanity should reorder its priorities to minimize increases of entropy, which characterize such transformations. Several topics in the physical sciences are presented in some detail to provide adequate technical background to evaluate Rifkin's theses.

**415B Music, Instruments, and Physics (4)**

Prereq: sr, hs algebra, and Tier II PHYS or MUS. Studies the physical principles of sound production in musical wind instruments. Examines historical instruments, their modern versions, and the modern wind instrument from both musical and physics perspectives. Simple instruments will be designed, built, and played in class, then examined for their suitability as popular musical instruments.

**415C Physics and Extraterrestrial Life (4)**

Prereq: sr. Focuses on the necessary physical conditions (such as how planets are formed), the chemical and biological requirements for Earth-like life, and the problems for life (such as large meteorites that bombarded the early solar system and also radiation hazards) once it gets started. A second aspect of the course is to examine and evaluate possible evidence of extraterrestrial life, from reports in the media and other sources. The social consequences of cult beliefs and how people can be fooled are discussed.

**416D Human Values in a Technocratic Age (4)**

Prereq: sr, Tier II completion. Examines relationship between scientific inquiry, technology, and values. What impact has ascendance of scientific ethos had on values? What is the relationship between scientific inquiry and technology? Should scientific inquiry and technological development be subject to ethical constraints? Traces historical impact of science and technology on Western culture.

**417A Cognitive Processes in Writing (4)**

Prereq: sr. Examines the mental processes involved in creating written communication. Considers the role of linguistic constraints, knowledge, and emotion in writing and how writing changes developmentally. The influence of writing on thought and knowledge change is considered.

**419D Emotion, Power, and Gender (4)**

Prereq: sr or perm; ANTH 101, SOC 101, or PSY 101. Examines the role played by emotion in our private as well as our public lives. A review of various theories regarding the nature of emotion will be presented, followed by discussions of the nature, acquisition, and maintenance of power as well as the uses of power and the relationships between power and emotion. The last section of this course is concerned with the relationship between gender and power, gender and emotion, and how these two broad areas dovetail, providing an explanation of the role of emotion in our everyday public and private lives.

**419F Images of the Homeless (4)**

Prereq: sr. Explores images of the homeless in literature, music, film, and the social sciences, with an emphasis on depictions of the homeless in the 20th century United States. Social science, cultural studies, and literary/rhetorical analysis are used to explore the sociohistorical development and impact of various images of the homeless. Students will also do creative projects, such as writing fiction, poetry, songs, etc., in which they develop their own depictions of homelessness.

**419G Images of the Rainforest: Myths, Competitive Realities, and Alternative Futures (4)**

Prereq: sr. Examines how early explorers created images of the rainforest with unlimited resources, how artists and writers reinforced or challenged mythical views of rainforests, how images of rainforests are depicted in indigenous peoples' art, stories, music, and medicine, and how their images differ from westerners. Ecological perspective will also be examined, with an emphasis on the images of interactions and connections between rainfall, climate, soils, rivers, plants, and animals. Images of political and legal rights, local action, and global awareness are discussed, and links between



communities and their impact on the rainforests' future are examined.

**419K Culture and the Sky (4)**

Prereq: sr, ANTH 101 or PSC 100 or permission. Investigates both historically and cross-culturally the astronomies of several societies, focusing on the relations among conceptual systems, cultural practices, and empirical realities. The roles of scientific reasoning, religious experience, and aesthetic expression will be explored in each case, while the underlying politics in the production of knowledge will be problematized throughout the course.

**420B Evolution and the Challenge of Creationism (4)**

Prereq: sr, one Tier II natural science course. Examines two ways of knowing—science and religion—as exemplified in controversy on evolution and creationism. Claims and evidence for evolution and special creation, issues and strategies of conflict, arenas of confrontation, and implications of outcomes for both science and theology are discussed.

**420C Biology of Human Social Behavior (4)**

Prereq: sr; BIOL 101, BIOS 103, or BIOS 172. Evolutionary perspectives on human social behavior are examined in light of data from the social sciences. Behaviors such as bonding and communication are seen to arise from both biological bases and social experience.

**420D Biology Through Biography (4)**

Prereq: sr. Explores the act of discovery using major biological breakthroughs as the central theme. Integrates the disciplines of science, history, and philosophy by employing a biographical consideration of selected individuals. Uses the individual as a focal point to attain a sense of scientific discovery and considers the impact of the period's beliefs and thoughts on the development of the individual and, in turn, the individual's impact on both the disciplines and society as a whole.

**420E Disease and Discovery: The Impact of Biology on History (4)**

Prereq: sr; BIOS 103, 170, or BIOL 101; 4 hrs HIST. Explores ways humans have developed and changed their environment and themselves after first studying how environment and disease have influenced their physical and cultural development—how humans compete, migrate, and change in an ever-changing environment and how humans have brought numerous species, including their own, perilously close to extinction.

**420F Dynamic Systems: Change, Chaos, and Fractals (4)**

Prereq: sr, MATH 263B. Introduction to the study of dynamic systems focusing on the major classes of dynamic systems, modeling of the systems, and application of these concepts to real-world situations. Provides answers to such questions as: Why can we perfectly predict the activity of a pendulum yet cannot accurately predict the weather? Is the similarity of physiological homeostasis and household thermostats superficial or fundamental? What are fractional dimensions, and why do they describe the world better than the geometry you learned in high school?

**430A The Cultural Revolution of Computers and Information (4)**

Prereq: sr. Examines role of information systems in impacting self, work, and society with emphasis upon a wide range of positive and negative assessments of how computer systems impact us.

**432A Seminar in Negotiation and Conflict Resolution (4)**

Prereq: sr. Examines nature of conflict from systems point of view. Presents theories and techniques of negotiation as method of resolving or managing conflict. Examples of successful and unsuccessful negotiations studied. Examples drawn from many areas of conflict, including purchasing and selling, marriage dissolution, labor contracts, hostage negotiations, plea bargaining, and international peace and arms limitation talks. Differences and similarities at various levels of negotiation are noted. Concludes with mock negotiation.

**432B Working in the U.S.A. (4)**

Prereq: sr or perm. Provides students with an understanding of the social, cultural, economic, psychological, and political nature of work in the U.S.; an appreciation of individual reactions to work, as well as the resulting productivity in

modern organizations; and a basis for understanding the employment relationships in modern organizations. Focuses on the institution as well as the impact of institutional policies on individual work behaviors and organizational productivity.

**432C Metaphors and Organization: Mgt. from Multiple Perspectives (4)**

Prereq: sr; ANTH 101, PSY 101, SOC 101, or POLS 230. Studies metaphors applied to the understanding of organizations and how a selected metaphor both informs and limits. Gareth Morgan's book, *Imagination*, guides discussions, examining various metaphors that are commonly employed and alternatives Morgan suggests. Discusses how these metaphors show up in elements of popular culture and applies them to real world cases in order to discover how understanding is shaped.

**432D Global Business Cultures(4)**

Prereq: sr, 4 hrs Tier II social sciences. Using case studies depicting cultural issues in eight different countries on four continents, this course examines the differences and cultures and how they may cause misunderstanding or conflict. It considers such questions as why have these differences developed? How do these differences jeopardize success? What can be done to neutralize these differences?

**432E Social Functions of the Legal System (4)**

Prereq: sr and 8 hrs III social sciences. Examines the social functions of the legal system in the sense of an integrated process of social behavior and ideas. Focuses on underlying principles of the legal processes and various disciplines including the economic, historical, political, communication, and ethical forces that shape legal concepts and principles.

**432F Transforming Leadership (4)**

Prereq: sr and COMS 103 and MGT 200 or 202. Explores use of emotional intelligence in transforming leadership style through the integration of management and interpersonal communication. Developmental experiences provide assessments, challenge, praxis, and growth for transforming leadership with emotional intelligence.

**435A Communication and Racism (4)**

Prereq: sr and 18 hrs social sciences. Focuses on how racial prejudices are communicated and shared within different racial groups; analyzes how people of specific racial groups perceive and talk about members of other racial groups. Conflict theory and research is studied to gain insight into how interracial conflicts are expressed and managed.

**435B Black Communication Styles (4)**

Prereq: sr, COMS 103. Explores African American history through the eyes of notable black orators. Selected speeches from these orators will be analyzed in an attempt to understand the historical elements that comprise the unique African American style of communication.

**435C Cultural Inquiry in Diversity in Familiar and Foreign Contexts (4)**

Prereq: sr, COMS 101 or 103. Investigates the dynamics of intercultural and cross cultural communication, cultural diversity, and methods of qualitative research. Requires an on-site qualitative field research experience in a rural, international location.

**437A Images of War in Film, Television, and Literature in the 20th Century (4)**

Prereq: sr, one course in HIST or POLS. Uses a case-study approach to evaluate how our perceptions of war have been shaped by fictional and nonfictional treatments. Course materials include novels, short fiction, television news and documentaries, fiction films, and archival sources that focus on WWI, WWII, Vietnam, regional wars of the 1980s and 1990s, and the Gulf War.

**437C Media, Culture, and Identity (4)**

Prereq: sr and computer with Telnet/Internet access. Explores aspects of identity as formed and informed by culture and media in a computer-mediated virtual learning environment.

**437D Communication Theory in Everyday Life (4)**

Prereq: sr, 8hrs Tier II social science. Examines the role of language and symbols in interpersonal

and mass-mediated contexts in defining and maintaining identity. Students will understand how the different symbol systems people use throughout life affect how they interpret significant events in their lives.

**438A Women in the Information Age (4)**

Prereq: sr, 8 hrs social sciences or WS 100 or COMT 214. Investigates the effects of the "information age" on women's lives. Although information technologies have revolutionized the way we live and work, men and women have not been affected in the same manner. This course explores the reasons women have interacted much differently than men with the two primary emerging technologies—computers and telephones.

**446C Disabilities as Portrayed in the Media (4)**

Prereq: sr, Tier II social sciences. Examines the evolution of the media's portrayal of persons with disabilities. Specifically, by applying relevant interdisciplinary theories and perspectives, selected films and television programs will be analyzed to determine the extent and manner in which selected media have impacted on society's perceptions and attitudes.

**447 Natural Resource Conservation (4)**

Prereq: sr and GEOG 241; course may not also count toward major requirement. Examines themes in contemporary resource management, methods of resource assessment and evaluation, and selected case studies in sustainable management of renewable resources.

**447A Authoring Children's Information Books in Your Major (4)**

Prereq: sr, Jr. comp course. Offers an opportunity to integrate knowledge about creative writing, children's literature, and literacy education through the process of authoring two children's information books covering personally intriguing aspects and issues of each student's major disciplines. Students will achieve synthesis of these disciplines through the writing and publishing of information books, and sharing these books and expertise with local school children. Examines how children effectively learn to read and write, genre in children's literature, illustrating, and publishing techniques.

**450B Technology and Culture (4)**

Prereq: sr, Tier II completion. Intended to provide a synthesis experience for seniors on the topic of engineering and technology and their interactions with and effects on society. Students will have an opportunity to stand outside their particular major and to interact with other specialists to see what they can do to provide clarity of purpose and direction to the technological questions facing humankind.

**450C Society and New Technology (4)**

Prereq: sr, 8 hrs Tier II applied science and natural sciences. Examines past and present instances in which the course of adopting a technology has been affected by the influences of public and private institutions. Traces technology's path from the laboratory into functioning society and examines the obstacles new technology faces in becoming an integral part of mainstream society.

**452A Appropriate Technology in Developing Countries (4)**

Prereq: sr. Provides both technical and non-technical majors with an introduction to technology that best suits the economic, social, environmental, political and technological needs of developing countries. Uses case studies and a design project to examine the economic, anthropological, and technical aspects of problems in developing countries.

**454A Connections: Inventions and Natural Resources (4)**

Prereq: sr. Investigates the interrelationships between the manufacturing processes necessary to bring the concepts of invention to reality and the influence of limited natural resources on that endeavor.

**460A Visual Culture Studies (4)**

Prereq: sr. Various forms of visual culture including art, television, movies, advertising, fashion, domestic architecture, parks, carnivals, body piercing, etc. To discover new ways of understanding and appreciating visual culture, each form is analyzed through different theoretical

approaches, including semiotics, feminism, post-structuralism, Marxism, multiculturalism, etc.

#### 461A Social History Through the Arts (4)

Prereq: sr. An examination and comparison of social and political forces of two periods, the Elizabethan and the present, as expressed through the arts. Contemporary issues emphasized are changing gender roles, racism, the influence of African American arts (particularly music and dance) and ethics related to freedom of expression and support for the arts.

#### 462B The Arts and People with Disabilities (4)

Prereq: sr, Tier II social sciences. Interdisciplinary examination of the role played by the arts in the lives of people with disabilities. Issues of value, function, accessibility as consumers and artists, performing with a disability, utilization of creative arts therapies, public attitudes, and advocacy are explored.

#### 462C Music and Health (4)

Prereq: sr. An interdisciplinary examination of the impact of music from historical, behavioral, medical, psychological, and technological perspectives. Small group discussion and music experiences will be used to explore music in a healthy lifestyle, music in medicine, therapeutic applications of music, music technology, and advocacy for people who have health impairments.

#### 463A Theatrical Space and Performance (4)

Prereq: sr, Tier II completion. Examines the historical and contemporary interaction of two art forms, theater and architecture, in the design and construction of theaters. Considers the requirements and demands of theater and architecture and analyzes their synthesis in creating actual theater structures.

#### 463B Women Speaking: Then and Now (4)

Prereq: sr. Examines the voice and speech composition of famous women orators throughout history. A comprehensive program of voice and speech training is introduced and practiced to improve the quality of the speaking voice and to develop power and range for a more confident, effective, and expressive communication.

#### 464A Cultural Traditions and the Arts (4)

Prereq: sr. (fall) Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Greek, Roman, Medieval).

#### 464B Cultural Traditions and the Arts (4)

Prereq: sr. (winter) Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (Renaissance, Baroque).

#### 464C Cultural Traditions and the Arts (4)

Prereq: sr. (spring) Principal styles of Western art as mirrored in selected masterpieces of architecture, sculpture, painting, music, and literature. Specific works of art examined in relationship to one another and against background of ideas that animated life of their times (19th and 20th centuries).

#### 464E Madness in Culture (4)

Prereq: sr, 8 hrs Tier II humanities. Synthesizes the understanding of madness in its different expressions, such as cruelty, sexuality, illusions, hallucinations, or intoxications, as documented by artists, philosophers, writers, drug users, and people known to engage in strange and bizarre behavior.

#### 470A Social Crises in Health Care Policy (4)

Prereq: sr. Virtually every medical advance is accompanied by complex set of poorly understood ethical, legal, political, and economic considerations. Course provides students with opportunity to explore in depth all dimensions of crisis that have arisen involving practice of medicine or provision of health care.

#### 470B Sport Aesthetics (4)

Prereq: sr or perm. An analysis of the aesthetic in sport by viewing various works of art when sport serves as the subject of the artist and by observing sport when sport is the medium for creating aesthetic expression.

#### 470C Chemicals: Health and Environment (4)

Prereq: sr or perm. Topics presented will include atomic and molecular structure, states of matter, acids and bases, polymers, corrosion, health-related issues (radon, formaldehyde, pesticides, asbestos), and global issues (ozone, greenhouse effect). Topics discussed with regard to their personal and environmental impacts.

#### 470D Alternative Health (4)

Prereq: sr, HLTH 202. Considers basic questions about health and healing from a wide variety of perspectives. Course content will focus on health practices considered alternative health care practices in the United States today. Assumptions underlying these alternative or complementary systems will be contrasted with traditional health care views.

#### 470E Chemical Risks & Society Benefits (4)

Prereq: sr. Focuses on the chemical industry to teach students to conduct functional risk assessment (i.e., evaluation of the benefits of complex technological materials given limited information or resources pertaining to the costs of such uses). Examines the role various constituencies can play in controlling such technologies and the products they produce including the expenses to society for these controls.

#### 472A Self, Aging, and Society (4)

Prereq: sr, one course in SOC, PSY, or HCCF. Interrelates knowledge of aging, modes of thought, and values to one another and to practical problems in life, society and culture, and world of work. Focuses primarily on biological, psychological, sociological, health care, and public policy aspects of gerontology. Designed to analyze in an interdisciplinary way basic assumptions of aging, process of theory construction, interrelationship of theory and research, procedures of empirical investigation, implications of older age structure for American society, and problems of aged in American society.

#### 472C Women and Leadership: Roles and Responsibilities (4)

Prereq: sr or perm; PSY 101 or SOC 101. Analysis of women in leadership roles in relation to historical, sociological, psychological, and economic perspectives. Strategies for developing leadership skills integrated throughout the course.

#### 472D Thanatology (4)

Prereq: sr or perm; PSY 101 or SOC 101. Synthesizes components inherent in current philosophical and religious views and beliefs, psychological and clinical dimensions, sociological factors, and ethical and moral issues of death in context of defining and coping with death.

#### 472K Clothing and Culture (4)

Prereq: sr; PSY 101 or SOC 101; one course in IA or AH. Knowledge and understanding are built through the interdisciplinary study of apparel, appearance, and cross-cultural influences in variations and functions of dress. Student exploration to focus on apparel and appearance norms as a cultural universal. Emphasis on research methods, resources, and activities relating to cultural/subcultural patterns.

#### 472L Food and Culture of the Mediterranean (4)

Prereq: sr, one course in ANTH, GEOG or SOC. Investigates the food and culture of the Mediterranean region from a cultural and geographic perspective.

#### 474A Brainscape: The Integrative Brain (4)

Prereq: sr or perm. Interdisciplinary course that guides students to explore functions of the human brain. Integrates information on such topics as movement, control, and awareness; sensorimotor integration; language development and use; feelings, emotions, and drives; left brain, right brain; neural rhythmicity; levels of consciousness; and states of mind. Using this integrative information base, students explore and discuss mechanisms and evidences of such human attributes as thought and intellect, learning and memory, play, reason, and decision making.

#### 475A Women and Leisure (4)

Prereq: sr, one Tier II social science. Designed to assist students in developing an awareness of the changing roles of women in society, particularly within the leisure components of women's lives. The course uses a social-psychological perspective,

and encourages students to think critically about key issues surrounding women and leisure within a broad social context. This course is taught from a feminist perspective, focusing on how social change is necessary to allow women the opportunities that they deserve related to leisure and recreational pursuits.

#### 480D Emergence of a Science (4)

Prereq: sr, one course in science or philosophy. For both science and nonscience majors interested in historical and philosophical influences that led to present concept of chemistry as science. Chronological survey, largely nontechnical, of developments in chemistry from Thales to Russell. Not acceptable for 400-level requirement in B.S. chemistry degree program.

#### 480E War: The Human Response (4)

Prereq: sr, 12 hrs psychology or English. Human response to war considered in terms of myths of heroism and masculinity, nature of conflict, use and justification of aggression, perception of enemy, effects on both victims and victimizers, and irony of war. Human response examined both from subjective perspective of creators of literature of war and from objective perspective of psychologists who study individual and group behavior in times of conflict.

#### 480G Schooling and the State (4)

Prereq: sr, Tier II course in PHIL. Critical inquiry into how education, through citizenship preparation, has been seen by liberal, conservative, and socialist philosophers as resolving social crises. Particular attention to eras of extreme social crisis such as Great Depression and recent decades. Use of popular literature and source documents to relate educational prescriptions to current topics in education.

#### 480K Meaning in Music (4)

Prereq: sr. Survey of recent and historical attempts to explain relationships between musical stimuli and their musical or extramusical referents. Representative musical works examined in light of these theories.

#### 480M Gandhi and King: Nonviolence as Philosophy and Strategy (5)

Prereq: sr, one social science course. Provides a view of nonviolence as an end and personal style, although emphasis is placed on nonviolence as a means of responding to oppression. Offers a structural opportunity for students to integrate the theories and practice of nonviolence or other alternative paradigms, as related to real life situations, into their own life experiences. An interdisciplinary analysis of nonviolence will be employed.

#### 480P Ethical Issues in the Human Services (4)

Prereq: sr; Tier II course in humanities or social sciences. Examines variety of ethical issues facing human service workers (social workers, psychologists, counselors, etc.), including questions of truth-telling and confidentiality, paternalism and self-determination, distributive justice (allocation of resources), etc. Model for analyzing these issues is presented.

#### 480R War: Historical and Dramatic Perspectives (4)

Prereq: sr, Tier II completion. Through vehicle of history and drama, examines way in which America has been affected by warfare in 20th century. Dramas studied from historical and theatrical perspectives for insights they offer about history of American society during wartime.

#### 480T Science Policy in the U.S. (4)

Prereq: sr; POLS 101 or lab science course. Considers the intersection of science and politics. Investigates how government affects science, how scientists become involved in political decisions, and how scientific information is used in public policy making. Examines the values and methods of both science and politics, traces the historical development of science policy, and analyzes contemporary issues where science and politics meet.

#### 480V Contemporary American Family (4)

Prereq: sr or perm. Study of American families based on psychological and literary analysis in professional literature and recent fiction and drama. Four questions designate the nature of the synthesis: (1) What is the relationship between the

psychological study of the American family and its presentation in recent literature? (2) Do the portrayals of families in the literature reflect the family dynamics described by the psychologists? (3) What conclusions are best revealed by each approach? (4) What results from the synthesis of literary and psychological disciplines? Concerned with structures, functions, communication, roles, conflict, and intimacy in family settings, and also with the manner of their presentation in the literature.

#### 486 Business World of Asia (4)

Prereq: sr; course may not also count toward major requirement. Examines the current business environment of Asia from the perspective of contemporary history, culture, religion, political economy, geography, and current events. Emphasis is given to the awareness of global information resources for active business involvement in Asia.

#### 489Q Censorship and Performance (4)

Prereq: sr. Integrates the study of art, culture, politics, and performance in order to question the place of art in society and to see how artists interpret the world. Examines the role of governments in art funding, views of obscenity and decency, free speech and tolerance.

#### 489R Birth and Childhood in American Society (4)

Prereq: sr. Examines the historical sociological and psychological views of children over time. Investigates the way that society views and has viewed children in the past in order to better evaluate our values and our society. Discussion of practical aspects of raising children in the new millennium.

## Travel and Tourism (TAT)

The following courses for the A.A.S. in travel and tourism are available only on the Southern campus:

**150 Travel Career Development Part I (3)**  
Introduction to comprehensive and critical information on travel products and destinations, important business issues, and the technical and personal skills needed to begin a career in the travel industry. Emphasis on the travel product and sales and marketing.

**151 Travel Career Development Part II (3)**  
Continuation of 150 with emphasis on agency operations and travel industry careers.

#### 160 Destination Training: North America (3)

Designed to acquaint students with in-depth information about the United States and Canada, including physical geography and political and cultural aspects of the region.

#### 161 Destination Training: Ohio (3)

Designed to acquaint students with in-depth information about the state of Ohio, including physical geography and political and cultural aspects of the region. Also includes in-depth analysis of the group travel business.

#### 162 Destination Training: Western Europe (3)

Designed to acquaint students with in-depth information about Western Europe, including physical geography and political and cultural aspects of the region.

#### 163 Destination Training: Asia (3)

Designed to acquaint students with in-depth information about Asia, including physical geography and political and cultural aspects of the region.

#### 164 Destination Training: Mexico, Caribbean (3)

Designed to acquaint students with in-depth information about Mexico and the Caribbean area, including physical geography and political and cultural aspects of the region.

#### 250 Travel Rules and Regulations (4)

Introduction to the legal procedures, ethics, and relationships involving travel agencies and the airlines, tour operators, and travelers.

#### 270 Travel Computer Program Training (3)

Introduction to computerized reservation system. Students will work with an actual airline computer

program and will learn how to search for travel information, plan an itinerary, and write tickets.

#### 280 Seminar: Travel Planning and Counseling (1)

Discussion and review of concepts relating to actual work experience in making travel arrangements and/or counseling travelers. Enrollment concurrent with 281.

#### 281 Practicum: Travel Planning and Counseling (2)

Practical field experience in making travel arrangements and/or counseling travelers. Enrollment concurrent with 280.

#### 282 Seminar: Tour Planning and Direction (1)

Discussion and review of concepts relating to actual work experience in planning and conducting a small group tour. Enrollment concurrent with 283.

#### 283 Practicum: Tour Planning and Direction (2)

Practical field experience in planning and conducting a small group tour. Enrollment concurrent with 282.

#### 290 Independent Study (1-4)

Prereq: written proposal and perm. Exploration of special topics in travel and tourism.

## University College (UC)

#### 105 College Information Seeking Skills (1)

Prereq: fr. or soph. Finding, using, and evaluating information sources for undergraduate research. Includes narrowing a topic for an academic audience, concepts of indexing, and Boolean database searching. Hands-on lab approach with final bibliography tied to work in another class.

#### 106 Academic Computing Skills (1)

Prereq: fr. Designed for students with limited exposure to computers. Introduces functions and programs commonly used at Ohio University. Primary emphasis is on using the Internet. May also include keyboarding, graphics, and database/spreadsheet management, as well as e-mail and word processing.

#### 110 Learning Strategies (3)

Prereq: fr. Offers opportunity to assess present learning strategies and attitudes and adopt techniques that increase effectiveness in managing time, taking notes, remembering text material, preparing for exams, and gathering information. Emphasizes regular practice and use of strategies taught.

#### 110A Time Management and Test Taking Skills (1)

Concentrates on managing time and preparing for and taking examinations. Duplicates components of UC 110.

#### 110B Notetaking from Lectures and Textbooks (1)

Improves ability to select important information in lectures, discussions, and textbooks, organize it in note form and review it. Emphasizes regular practice and use of organized notetaking systems. Duplicates components of UC 110.

#### 112 College Reading Skills (2)

Prereq: fr. Focuses on improving comprehension, interpretation, and evaluation of reading materials that are typical of college courses. Moves from short passages to longer selections. Includes speed reading techniques and vocabulary building. Emphasizes practice and application of skills.

#### 112A Reading: Comprehending Textbooks (1)

Focuses on comprehension skills needed for reading college-level materials and a learning system to increase ability to read texts more efficiently. UC 112A and 112B combined duplicate UC 112.

#### 112B Reading: Improving Speed and Vocabulary (1)

Increases reading speed and the ability to appropriately adjust rate to different types of reading materials and tasks. In addition, teaches effective techniques for developing a college-level vocabulary. UC 112A and 112B combined duplicate UC 112.

#### 115 The University Experience (2)

Prereq: first-quarter student. Designed to help ease the transition to the academic environment. Provides an overview of the skills and strategies that improve one's chances to be successful in college, including writing, motivation, and time management. Offers an introduction to the resources at Ohio University, including the University library and Career Services. Touches on finding a major and developing academic goals.

#### 116 The University Experience—Regional Campus (3)

Prereq: first-quarter regional campus student. Helps the nonresidential regional campus student adapt to demands of university as academic environment, assessing interests, values, and abilities; exploring academic majors and their requirements; establishing educational and career goals; and developing skills necessary for college success.

## University Professor (UP)

Courses are offered each year by University Professors selected the preceding academic year. The courses cover topics chosen by the professors themselves, and may be offered only twice through the University Professor program. Often University Professor courses have joint first-year and upperclass sections. As the courses are special offerings, no permanent listing of descriptions and registration information is possible. For descriptions and registration information, visit University College at 140 Chubb Hall.

Generally, a University Professor course offered within the professor's area of training and expertise will count toward area requirements of different colleges, where applicable. Otherwise the credit fulfills elective credit hours. Be sure to check with your college office regarding application of University Professor course credit to college requirements.

#### 150 University Professor

Title, prereq, and credit hrs published in *Schedule of Classes*. Fall qtr fr-level UP course.

#### 151 University Professor

Title, prereq, and credit hrs published in *Schedule of Classes*. Winter qtr fr-level UP course.

#### 152 University Professor

Title, prereq, and credit hrs published in *Schedule of Classes*. Spring qtr fr-level UP course.

#### 450 University Professor

Title, prereq, and credit hrs published in *Schedule of Classes*. Fall qtr upperclass-level UP course.

#### 451 University Professor

Title, prereq, and credit hrs published in *Schedule of Classes*. Winter qtr upperclass-level UP course.

#### 452 University Professor

Title, prereq, and credit hrs published in *Schedule of Classes*. Spring qtr upperclass-level UP course.

## Visual Communication (VICO)

The curriculum in visual communication includes the courses listed below plus a variety of courses offered through the E. W. Scripps School of Journalism. A grade of C (2.0) or better in prerequisite classes is required before enrolling.

#### 120 Introduction to Visual Communication (4) (fall only)

A survey of visual communication theory and technology of visual communication from ancient cave drawings to digital computer images.

#### 140 Studies in Visual Communication (4)

This class will develop knowledge of visual communication to create a framework for measuring objective qualities of visuals, recognize and respond to ethical questions faced by visual communicators, understand the history of techniques and technologies, relate current trends to past practices, and demonstrate application of critical analysis to visual communication applications.



**220 Topic Seminar (2-4)**

Prereq: 120. Examines the foundations of visual communication through the ages. Looks at the works of various photographic communicators and discusses how visual communication can inform, stimulate emotions, and influence viewers.

**221 Introduction to Visual Communication Skills (4)**

Prereq: 120. An introduction to visual communication skills through the color photographic medium. Student work will be reviewed and critiqued as to composition, technique, and the ability to communicate the information of the original subject to the viewer. Students will be required to have a 35mm camera with manual exposure and focus capabilities.

**222 Introduction to Visual Communication Tools (4)**

Prereq: 221 and Photojournalism or Commercial Photography major. (cooperative buying fee) A foundation class in the basic photographic tools and techniques used for visual communication. The course will examine methods for effective communication using photography as a language. Students will be required to have a 35mm camera with manual exposure and focus capabilities.

**311 Informational Graphics (5)**

Prereq: 314 and JOUR 233. (cooperative buying fee) The visual presentation of quantitative and spatial information. Examines the planning, design, and computer preparation of charts, graphs, diagrams, and maps for use in newspapers and magazines.

**314 Introduction to Publication Design (5)**

Prereq: VisCom major and 120. (cooperative buying fee) An introduction to the production, design, and techniques of desktop publishing. Explores the many software packages for desktop publishing for microcomputers with emphasis on the presentation of visual material on the page.

**320 Topic Seminar (2-4)**

Prereq: 221. A flexible format for examining current and future topics in visual communication. Because of constantly changing trends in the profession, topics will vary as an area of need not covered in an existing class is identified. Topics will include the areas of rapid change such as technology, techniques, ethics, and aesthetics.

**321 Introduction to Photographic Illustration (4)**

Prereq: 222. (cooperative buying fee) Introduction of the basic tools of photographic illustration including approaches to fashion, still life, and lighting and basic tools of the medium format.

**323 Publication Layout and Design (4)**

Prereq: 314 and 335 or JOUR 235 and 371. (cooperative buying fee) Examines historic and contemporary theories of layout and make-up design. Using computer systems that simulate pagination programs, students will investigate methods of combining type, graphics, and photographs on the printed page.

**324 Portraiture (4)**

Prereq: 390 or 321. This course provides students with an overview of the techniques used in photographic portraiture. Portraiture skills are essential to both photojournalists and commercial photographers. This class offers skills in natural and artificial lighting, working effectively with the subject/model, and the development of portraiture concepts. Students will be required to seek out portraiture subjects and produce photographs on location and in the studio.

**327 Photo Illustration: Fashion (4)**

Prereq: 321. (cooperative buying fee) The exploration and interpretation of the interaction of gesture, movement, and light in relation to capturing the essence of people and garments.

**328 Photo Illustration: Still Life (4)**

Prereq: 321, 371, and JOUR 133. (cooperative buying fee) An exploration of the principles of light and its effect on surfaces and shapes in studio lighting.

**335 Picture Editing (3)**

Prereq: 314 and JOUR 231. This class helps students understand and practice the skills necessary to function as picture editors and visual leaders in a journalistic environment. While some design skills

are expected, the emphasis is on journalistic-based logic, articulation, and visual leadership in content origination.

**336 Advanced Picture Editing (3)**

Prereq: 335 or JOUR 235. This class is designed to facilitate a deeper understanding of the theory and reality of the photo editor in a journalistic environment, to practice the skills essential for the task, and exposure to the thought processes that thread through routine visual management decisions.

**361 Introduction to Web Design (4)**

Prereq: 314 and 371. (cooperative buying fee). Introduction to Web design will provide an overview of Internet design and user-interface and provide students with the analytical and technical skills, aesthetic and creativity needed to design for the World Wide Web.

**371 Digital Imaging (4)**

Prereq: 314. (cooperative buying fee) Advanced class introducing the computer as a tool for digital alteration of images to create composite and altered photographic images. Uses Macintosh computers and production quality scanners to alter and manipulate photographic images for creative and illustrative presentation.

**390 Introduction to Photojournalism (4)**

Prereq: 222. (cooperative buying fee) Introduction to the photographic techniques, tools, and content issues in visual communication for publications.

**391 Intermediate Photojournalism I (4)**

Prereq: 390. (cooperative buying fee) This class will examine single image photography as it is used in journalism and publications. The emphasis will be on using the photographic medium to communicate ideas, information, and emotions.

**392 Intermediate Photojournalism II (4)**

Prereq: 391 and JOUR 231. (cooperative buying fee) An examination of multiple sequential imaging as used in the photographic narrative form—picture story.

**393 Intermediate Photojournalism III (4)**

Prereq: 391. (cooperative buying fee) The use of color materials in reportage. The class will examine the various problems and explore solutions to using color materials in uncontrolled natural environments. Color balance, lighting, low light situations, reproduction, films, and processing will also be topics.

**394 Small Systems Lighting (2)**

Prereq: 390 or 321. This course will explore the history, aesthetics and techniques of using artificial strobe light as it applies to the still photographic image. Students will learn to operate small lighting systems by using strobes and flashes to practice with the latest equipment and experiment with lighting styles.

**412 Advanced Informational Graphics (5)**

Prereq: 311. (cooperative buying fee) Visual presentation of spatial information with emphasis on design and production techniques as they pertain to newspapers and magazines.

**421 Documentary/Essay (5)**

Prereq: 392. (cooperative buying fee) The use of still photography as a tool for social, anthropological, and journalistic investigation of contemporary issues. Using methods defined by traditional field researchers, the class will expand the use of the photograph for collection and interpretation of selected subjects.

**426 Advanced Publication Layout and Design (4)**

Prereq: 323. (cooperative buying fee) Advanced study in the use of computers as a tool for layout, design, and pagination for print media.

**427 Advanced Photographic Illustration: Business Practices (5)**

Prereq: 327 or 328. (cooperative buying fee) An investigation of the principles of studio management. Areas of study will include copyright, computer usage, self promotion, and financial management.

**428 Advanced Photographic Illustration: Studio Practices (5)**

Prereq: 427. (cooperative buying fee) Advanced studio methods in the design and execution of illustration images. Particular emphasis will be placed

on the professional performance in producing images using advanced equipment and techniques.

**429 Advanced Photographic Illustration: Applications (5)**

Prereq: 428. (cooperative buying fee) A synthesis of business and photographic skills. Students will be given simulations based on a complete project concept that reflects the realities of working professionally.

**462 Advanced Web Design (4)**

Prereq: 311 and 361. (cooperative buying fee) This class will provide students with advanced skills which include the utilization of the human interface, design, Web delivery, information architecture, creation/production of multimedia-based visuals for Internet delivery.

**470 Graphics Systems Management (4)**

Prereq: 371. (cooperative buying fee) Planning, configuration and maintenance of computer and communication systems used in the graphic arts industry. Course will survey electronic production methods and examine technical and practical issues of graphics computers, peripherals, applications, and system hardware.

**473 Interactive Media (4)**

Prereq: 462 and TCOM 200C. (cooperative buying fee) Introduction to planning, media integration, and production techniques and tools of interactive multimedia. Through practical exercises this course will expose students to major component media, including computer text, graphics, photography, animation, speech, sound, and video. Technical and human interface issues are also covered.

**480 Digital Portfolio (0)**

Prereq: 371. (cooperative buying fee) Portfolio production for VisCom majors. This class provides supervised access to the VisCom computer labs for the purpose of preparing portfolios for internships and job applications. Special fee required.

**481 Professional Development (4)**

Prereq: 371. (cooperative buying fee) Preparation for entry into the profession. Course will detail finishing and preparation of portfolio material, presentation skills, and knowledge of entry level professional employment possibilities.

**486 Advanced Photographic Reportage I (4)**

Prereq: 392. (cooperative buying fee) Advanced visual production work in newspaper photographic reportage, with particular emphasis on the picture story or photographic essay. This documentary photojournalism class will use a wide range of color and/or black and white material. Finished projects will incorporate the use of computers and scanned images for final portfolio production.

**487 Advanced Photographic Reportage II (4)**

Prereq: 486. (cooperative buying fee) Advanced visual production work in magazine design, with particular emphasis on the picture story or photographic essay. This class will use a wide range of skills to produce a prototype magazine publication within a 10-week quarter. The class demands audience research, visual content focus, field research, photography, writing, design, and production. The class involves the use of computers and film scanners for production.

**488 Advanced Interactive Media (4)**

Prereq: 473. (cooperative buying fee) Advanced visual photographic production using a time-based media (slide shows or CD-ROM), with particular emphasis on the picture story or photographic essay. This documentary photojournalism class will use a wide range of photographic materials. Finished projects will incorporate the use of computers and scanned imaged into time-based visual presentations.

**491 Individual Study (1-5)**

Prereq: perm and written proposal. Max 12 hrs. Individual course of study agreed upon with the permission and guidance of a faculty member.

**492H Honors Project (1-6)**

Prereq: jr or sr; perm. Departmental honors project resulting in a creative piece of original work, the result of supervised research or a collection of artistic endeavors.

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## Virology

See Biological Sciences: Microbiology.

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## Women's Studies (WS)

### 100 Introduction to Women's Studies (4) (2H)

An interdisciplinary fundamentals course in which students explore a range of perspectives regarding social, political, and cultural constructions of gender, race, and sexuality.

### 200 Issues in Feminism (4)

Critical analysis of 3–4 contemporary issues pertaining to women and gender, such as: work, health and reproduction, politics, education, violence, women in the arts, women in athletics, women in science, gender and aging.

### 210 Women, Gender and Rock and Roll (4)

An analysis to which rock and roll has challenged the boundaries of women and gender by exploring the relationship between feminism and rock. Topics may include blues, jazz, groups, folk, soul, punk, rap, MTV, and riot grrrl.

### 320 Sexual Revolutions (4)

Prereq: 100 or 200. Course examines various sexual revolutions, past and present, through differing disciplinary lenses.

### 350 Feminist Theory (4)

Prereq: 100 or 200; no credit if 250. This is an introduction to feminist theory. Course examines feminist theoretical concepts in Europe and the U.S. from their inception in early 20th century through the present. Includes discussions of women and the vote, sexuality, identity politics, and girl culture. Texts are theoretical, historical, and literary. Film and video clips may be used to enhance course lectures.

### 360 The Women and Work Internship (4)

Prereq: 100. Includes a two hour seminar and a six hour work experience. The seminar will focus on applying and evaluating ideas learning in Women's Studies courses to the "real world" experience of women's organization and feminist practice. The seminar and supervised job placement are designed to help students make a successful transition into the competitive work world by testing personal strengths, clarifying preferences, and sharing reflections on work experiences with the instructor and other students.

### 410 Global Feminism (4)

Prereq: 100 or 200. The course considers women's issues and feminist movements from a global and non-Western perspective. Includes discussion of the globalization of feminism; the relationship between feminism and colonialism; the connection of women's movements; and specific issues such as work/labor, sexuality, reproduction, and religion.

### 411 Women and Globalization (4)

Prereq: 100 or 200. Explores how globalization has affected the social status of women, their economic resources, their rights, and their opportunities. Focus is on the economic effects of the spread of free market capitalism.

### 450 Advanced Feminist Theory (4)

Prereq: 350. An exploration of post-1980's feminist theory. Begins with key Continental thinkers and moves to American theorists. Course looks at important ways in which social construction has shifted the discussion of race, ethnicity, and post-coloniality away from identity and other concerns of the early Second Wave.

### 460 Gender, Sexuality, and Culture (4)

Prereq: 350. Course draws upon theoretical, historical, and aesthetic texts in order to discuss the relationship between gender, sexuality, and diverse forms of cultural representation.

### 461 Queer Theory (4)

Prereq: 350. This course examines the intellectual and activist roots of queer theory, some of its most consequential statements, and current issues and debates within this body of literature.

### 480 Capstone in Women's Studies (4)

Prereq: 12 hrs of WS including 350; no credit if 400. This course guides students in identifying

and researching a topic and producing a scholarly paper of 20 or more pages. Ideally the topic will build on previous work and thus involve significant revision in order to further refine the scope of research. The development of research skills will be emphasized.

### 481 Writing Gender (4)

Prereq: 12 hrs in WS. A creative writing workshop concerning the intersection of writing and politics. Exploration of intersections of gender, race, class, and sexuality. Fiction and non-fiction.

### 490 Independent Reading (1–4)

Prereq: perm. Directed individual reading or research.

### 493 Special Topics (4)

Prereq: 100; jr. Focuses on specific topics of interest in the field of Women's Studies.

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## World Religions

See CLWR, after Classics in English.

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## Zoology

See Biological Sciences.