

AHHS 391 - Special topics

Credits: 1 TO 12. (R-12) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

AHHS 394 - Medical Preparation

Credits: 2. Offered autumn. Admission by application, sophomores, juniors, and seniors only. This is a survey course designed for students considering a career in the health care field, geared towards students considering becoming a medical provider (MD, DO, NP, PA).

AHHS 395 - Geriatric Practicum

Credits: 1 TO 3. (R-3) Offered spring. Prereq., HS 325. Service learning experience in geriatrics in a setting compatible with the student's major and interests. Course Attributes: Internships/Practicums

AHHS 420 - Geriatric Health Issues

Credits: 3. Prereq., Anatomy & physiology. A review of normal aspects of aging, common health problems associated with aging, and common pharmacological and non-pharmacological treatments of these problems in older persons.

AHHS 430 - Health Aspects of Aging

Credits: 3. Offered spring. Same as HHP and HS 430. Overview of the health aspects of aging in the United States including biological theories of aging, normal physiological changes associated with aging systems, common pathological problems associated with aging, cultural and ethnic differences in the health of elders, health promotion and healthy aging, and the health care continuum of care for older persons.

AHHS 440 - Psychoso Illness Disabil

Credits: 3. Offered autumn. Same as SW 440. Prereq., PSYX 245. A review of the psychosocial aspects of illness and disability in older persons to include societal impact of these illnesses, responses of the individual, family, and support network to the stress of illness and disability, caregiver issues, cultural implications, and the impact of the health care system on these psychosocial aspects.

AHHS 490 - Research

Credits: 1 TO 4. (R-8) Offered autumn and spring. Prereq., consent of instr. Traditional or CR/NCR grading determined by instructor. Course Attributes: Research & Creative Schlrshp

AHHS 491 - Special Topics

Credits: 1 TO 12. (R-12) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

Biomedical /Pharmaceutical Sciences

BMED 545 - Research Lab Rotations

Credits: 2 TO 3. (R 6) Offered autumn and spring. Prereq., BMED 443 or graduate standing. Experience in research methods in departmental research laboratories. Level: Graduate

BMED 581 - Research Seminar Biomed

Credits: 1. (R-9) Offered autumn and spring. Oral and written presentations of experimental research results and selected literature topics in biomedical science. Level: Graduate

BMED 582 - Research Seminar Neurosci.

Credits: 1. (R-9) Offered autumn and spring. Oral and written presentations of experimental research results and selected literature topics in neuroscience. Level: Graduate

BMED 583 - Research Seminar Toxicol

Credits: 1. (R-9) Offered autumn and spring. Oral and written presentations of experimental research results and selected literature topics in toxicology. Level: Graduate

BMED 593 - Current Research Literature

Credits: 1. (R-6) Offered autumn and spring. Readings and discussion of current research literature. Level: Graduate

BMED 594 - Seminar

Credits: 1. (R 6) Offered autumn and spring. Prereq., senior or graduate standing. Level: Graduate

BMED 595 - Special Topics

Credits: 1 TO 9. (R 9) Offered intermittently. Prereq., senior or graduate standing. Experimental offerings of visiting professors, experimental offerings of new courses, or one time offerings of current topics. Level: Graduate

BMED 596 - Independent Study

Credits: 1 TO 9. (R 9) Offered every term. Level: Graduate

BMED 597 - Research (MS)

Credits: 1 TO 9. (R 10) Offered every term. Level: Graduate

BMED 599 - Thesis (MS)

Credits: 1 TO 9. (R 10) Offered every term. Level: Graduate

BMED 605 - Biomedical Research Ethics

Credits: 1. Offered spring. Overview of biomedical research ethics and regulations. Topics include ethics and morality in science, scientific integrity, conflicts of interest, human and animal experimentation, intellectual property, plagiarism. Level: Graduate

BMED 609 - Biomedical Statistics

Credits: 3. Offered autumn. Experimental design and statistical analysis relevant to the biomedical sciences. Level: Graduate

BMED 610 - Neuropharmacology

Credits: 3. Offered alternate years. Prereq., BMED 613 or 661 or consent of instr. Focus on current areas of research and research technologies in neuropharmacology. Development of presentations and research grant proposals. Level: Graduate

BMED 613 - Pharmacology I

Credits: 4. Offered autumn. Prereq., BIOC 380 or equiv. Fundamentals of pharmacology and drug action. Level: Graduate

BMED 614 - Pharmacology II

Credits: 4. Offered spring. Prereq., BMED 613. Fundamentals of pharmacology and drug action. Continuation of BMED 613. Level: Graduate

BMED 615 - Molecular Pharmacology

Credits: 3. Offered alternate years. Prereq., BMED 600, 613 or consent of instr. Focus on the molecular world of receptors and their interactions with related cellular components and ultimately with binding ligands, both physiological and pharmaceutical. Major emphasis in pharmacodynamics with some time devoted to related pharmacokinetic parameters. Level: Graduate

BMED 620 - Cardiovas Pharm & Tox

Credits: 3. Offered alternate years. Prereq., BMED 613 or 641, or consent of instr. Recent advances in pharmacology and toxicology of the cardiovascular system. In-depth study of regulatory mechanisms and the effect of immune response and xenobiotics on cardiovascular function. Level: Graduate

BMED 621 - Drug Design

Credits: 4. Offered alternate years. Prereq., Organic Chemistry and Biochemistry or consent of instr. Introduction to the main concepts in medicinal chemistry. Laboratory experience in instrumental analysis, interpreting NMR, MS cleavage, and structure elucidation Level: Graduate

BMED 622 - Drug Pharmacodynamics

Credits: 4. Offered alternate years. Organic Chemistry and Biochemistry or consent of instr. Introduction and topical coverage of how drugs form complexes with biological targets to cause an array of responses. Level: Graduate

BMED 623 - Drug Diversity

Credits: 3. Offered alternate years. Organic Chemistry and Biochemistry or consent of instr. Topics in chemogenomics and diversity oriented synthesis will be covered. Level: Graduate

BMED 624 - Methods in Medicinal Chemistry

Credits: 3. Offered intermittently. Prereq., Organic chemistry and biochemistry or consent of instr. Novel approaches to small molecule therapeutics for disease targeting. Level: Graduate

BMED 625 - Drug Synthesis

Credits: 3. Offered intermittently. An introduction to the past and current synthetic approaches and total syntheses of biologically active drugs. Level: Graduate

BMED 626 - Res Meth Biochem Pharm

Credits: 1 TO 3. (R-6) Offered every term. Prereq., consent of instr. Laboratory course intended to familiarize students with the instruments, and expertise of current research techniques in the biomedical sciences. Level: Graduate

BMED 627 - Professional Development

Credits: 1. Offered autumn and spring. Prereq., Organic Chemistry and Biochemistry or consent of instr. Developmental training in presentations, writing, reviewing, literature research, teaching, research methods, grant writing, ethics, and business aspects in medicinal chemistry. Level: Graduate

BMED 628 - Grantsmanship

Credits: 1. This course is designed to provide graduate students and postdoctoral fellows with the necessary background, tools and hands on experience to be able to confidently write and submit a research grant. The focus is on preparing a fellowship application although training will be provided for more typical investigator initiated grants. The entire process from conception, preparation, review and revision will be covered. This course will be a requirement for students on training grants. No prerequisites are required. Level: Graduate

BMED 630 - Pharmacogenetics

Credits: 3. Offered alternate years. Prereq., BIOC 380 or 481. The genetic basis of differential drug activity. Level: Graduate

BMED 632 - Advanced Pharmacokinetics

Credits: 4. Offered Fall. Recent developments and emerging concepts in theoretical and experimental pharmacokinetics, pharmacogenomics, and drug disposition. Critical analysis of the current literature. Level: Graduate

BMED 637 - Topics in Biomedical Sci

Credits: 1 TO 3. (R-9) Offered autumn or spring. Prereq., BMED 613, or 641, or 661. Current topics in the biomedical sciences. Level: Graduate

BMED 641 - Toxicology I-Principles

Credits: 3. Offered autumn. Prereq., BIOC 481 or equiv. Introduction to toxicology. Topics include general principles, risk assessment, organ system toxicology, introduction to carcinogenesis, and genetic toxicology. Level: Graduate

BMED 642 - Toxicology II-Agents

Credits: 3. Offered spring. Prereq., BMED 641. Toxic agents and the diseases caused by those agents. Includes common toxicants in the environment and occupational settings as well as drug induced toxicity. Level: Graduate

BMED 643 - Cellular & Molecular Tox

Credits: 3. Offered autumn. Prereq., BMED 641. Cellular and molecular mechanisms of toxicity. Includes apoptosis, regulation of cell cycle, genetic toxicology, and signal transduction pathways in toxicity. Level: Graduate

BMED 644 - Immunopharm/Immunotox

Credits: 3. Offered alternate years. Prereq., MICB 410 or equiv. The impacts of xenobiotic agents on the immune system. Level: Graduate

BMED 645 - Respiratory Toxicology

Credits: 3. Offered alternate years. Prereq., BMED 641. The lung and associated immune systems and their response to inhaled immunogenic and toxicological agents. Level: Graduate

BMED 646 - Neurotoxicology

Credits: 3. Offered alternate years. Prereq., BMED 641 or 661. Mechanisms of major neurotoxins and neurological disease. Level: Graduate

BMED 647 - Topics in Toxicology

Credits: 1 TO 3. (R-9) Offered autumn or spring. Prereq., BMED 613, or 641, or 661. Current topics in toxicology. Level: Graduate

BMED 657 - Topics in Immunology

Credits: 1 TO 3. (R-9) Offered autumn or spring. Prereq., MICB 410 or equiv. Current topics in immunology. Level: Graduate

BMED 661 - Neuroscience I

Credits: 4. Offered autumn. Prereq., BIOC 380 or equiv. Overview of the structure and function of the nervous system. Level: Graduate

BMED 662 - Neuroscience II

Credits: 4. Offered spring. Prereq., BMED 661. Fundamentals of developmental neuroscience, behavioral and cognitive neuroscience and computational neuroscience. Level: Graduate

BMED 667 - Topics in Neurobiology

Credits: 1 TO 3. (R-9) Offered every year. Prereq., BMED 661. Current topics in neuroscience. Level: Graduate

BMED 668 - Neuropathology

Credits: 4. Prereq., BMED 347 or BMED 661. This course will provide a comprehensive overview of the pathological findings in neurological disease, and their biological basis. This course will provide neuroscience graduate students with a clear description of molecular and cellular processes and reactions that are relevant to the normal and abnormal functioning of the nervous system. Level: Graduate

BMED 694 - Seminar

Credits: 1 TO 3. (R 6) Offered autumn and spring. Prereq., senior or graduate standing. Level: Graduate

BMED 697 - Research (PhD)

Credits: 1 TO 9. (R-20) Offered every term. Level: Graduate

BMED 699 - Dissertation (PhD)

Credits: 1 TO 9. (R-20) Offered every term. Level: Graduate

Pharmacy

PHAR 110N - Use & Abuse of Drugs

Credits: 3. Offered autumn and spring. Drug dependence and abuse. Course Attributes: Natural Science Course

PHAR 145N - Intro to Cancer Biology

Credits: 3. Introduction to basic concepts in cancer biology, treatment, and prevention. Includes discussions of the history of cancer, nomenclature, prevention, cellular and molecular mechanisms, pathology, treatment, and familial cancers. Course Attributes: Natural Science Course

PHAR 191 - Special Topics

Credits: 1 TO 6. (R 16) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one time offerings of current topics.

PHAR 300 - Pharmacy Practice I

Credits: 3. Offered autumn. Prereq., M 162 and admission to the professional pharmacy program. An introduction to the prescription and pharmaceutical calculations and to the role of the pharmacist in systems involved in health care delivery.

PHAR 310 - Pharmacy Practice II

Credits: 2. Offered spring. Prereq., PHAR 300 (309). Federal and state laws and regulations pertaining to pharmacy practice. Introductory dispensing laboratory.

PHAR 324 - Medicinal Plants

Credits: 2 TO 3. Offered autumn. Same as AAHS 324. Plants and other natural substances which nourish, heal, injure, or alter the conscious mind.

PHAR 328 - Antimicrobial Agents

Credits: 3. Offered spring. Prereq., BIOM 400. Chemical characteristics, biochemical mechanisms, and pharmacological properties of drugs used in treating infections caused by microorganisms.

PHAR 331 - Pharmaceutics

Credits: 4. Offered spring. Prereq., CHMY 222, first professional year standing. Physical pharmacy and dosage forms.

PHAR 341 - Physiological Systems I

Credits: 4. Offered autumn. Prereq., CHMY 222, PHSX 205N, BIOB 260/261. Principles of anatomy, normal and abnormal physiology.

PHAR 342 - Physiological Systems II

Credits: 4. Offered spring. Prereq., PHAR 341. Continuation of 341.

PHAR 361 - Pharm Sci Lab I

Credits: 1. Offered autumn. Coreq., PHAR 300, PHAR 341. Laboratory experience in the pharmaceutical sciences.

PHAR 362 - Pharm Sci Lab II

Credits: 1. Offered spring. Prereq., PHAR 361; coreq., PHAR 331 and 342. Continuation of 361.

PHAR 363 - Pharmaceutical Care Lab I

Credits: 1. Coreq. PHAR 310. Practice in technical and legal aspects of drug dispensing, prescription and OTC drug counseling, and sterile intravenous (IV) admixture.

PHAR 371 - Integrated Studies I

Credits: 1. Prereq., first professional year standing in pharmacy. Small group conferences designed to develop professional skills while integrating material from other pharmacy courses.

PHAR 372 - Integrated Studies II

Credits: 1. Prereq., PHAR 371. Continuation of 371.

PHAR 381 - Pharmaceutical Biochemistry

Credits: 4. Offered every Autumn. Prereq., admission to Pharmacy School. Fundamental biochemistry from a pharmaceutical sciences perspective; management of genetic information, molecular structure and function, and metabolic reactions, especially as relating to drug actions and targets.

PHAR 390 - Undergraduate Research

Credits: 1 TO 3. (R-6) Offered autumn and spring. Prereq., consent of instr. Individual participation in library or laboratory research. Course Attributes: Research & Creative Schlrshp

PHAR 391 - Special Topics

Credits: 1 TO 9. (R-9) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

PHAR 395 - Pharmacy Practicum

Credits: 1 TO 2. (R-3) Offered autumn and spring. Prereq., PHAR 309. Supervised professional experience in the Student Health Service Pharmacy. Course Attributes: Internships/Practicums

PHAR 401 - Use of Animals in Research

Credits: 2. Offered intermittently. Prereq., consent of faculty supervisor. An introductory course to the care and use of laboratory animals in research. Includes lecture and some hands-on instruction with inanimate models and live animals.

PHAR 412 - Pharmacy Practice III

Credits: 2. Offered spring. Prereq., second professional year standing and a course in communication. The social, economic, legal, ethical, and psychological factors involved in professional and patient relationships of pharmacists.

PHAR 415 - Medication Therapy Mgmt

Credits: 1. Offered Spring. Prereq., second or third professional year standing in pharmacy. A broad introduction to the basic principles, concepts, and application of medication therapy management (MTM) in various pharmacy practice settings.

PHAR 421 - Medicinal Chem I

Credits: 3. Offered autumn. The chemistry of organic compounds used medicinally and their biochemical mechanisms of action.

PHAR 422 - Medicinal Chem II

Credits: 3. Offered spring. Prereq., BMED 421. Continuation of 421.

PHAR 430 - Pharmacogenetics

Credits: 2. Offered each semester online. Prereq., BMED 421, 432. The genetic basis of differential drug activity.

PHAR 432 - Clinical Pharmacokinetics

Credits: 3. Offered spring. Prereq., BMED 331 and pharmaceutical calculation proficiency requirement, or consent of instr. Drug absorption, distribution and elimination.

PHAR 443 - Pharmacol & Toxicol I

Credits: 4. Offered autumn. Prereq., second professional year standing. Basic principles of pharmacology, toxicology and therapeutics.

PHAR 444 - Pharmacology & Toxicol II

Credits: 4. Offered spring. Prereq., BMED 443. Continuation of 443.

PHAR 445 - Immunopharm/Immunotox

Credits: 3. Offered in alternating years. Prereq., consent of instr. This course is designed to introduce advanced undergraduate students and professional Pharmacy students to various aspects involved in the development and mechanisms of action of immunomodulatory drugs and chemicals.

PHAR 451 - Therapeutics I

Credits: 3. Offered autumn. Prereq., second professional year standing; coreq., PHAR 471; prereq. or coreq., PHAR (BMED) 328, 421 and 443. Pharmacotherapeutics of common disease states emphasizing pathophysiology and the selection, monitoring, and individualization of drug therapy. Applies the basic pharmaceutical sciences to patient care.

PHAR 452 - Therapeutics II

Credits: 3. Offered spring. Prereq., PHAR 451; coreq., PHAR 472; prereq. or coreq., PHAR (BMED) 422, 432 and 444. Pharmacotherapeutics of common disease states emphasizing pathophysiology and the selection, monitoring, and individualization of drug therapy. Applies the basic pharmaceutical sciences to patient care.

PHAR 460 - Pharmaceutical Care Lab II

Credits: 1. Offered autumn. Prereq., second professional year standing, PHAR 310. Introduction to parenteral practice application, applied patient interview assessment, and communication skills for practice.

PHAR 463 - Pharmaceutical Care Lab III

Credits: 1. Coreq. PHAR 412. Practice counseling and patient-care skills with emphasis on non-prescription drugs and devices. Includes individual in-service presentations.

PHAR 471 - Integrated Studies III

Credits: 1. Offered autumn. Prereq., second professional year standing in pharmacy. Small group conferences designed to develop professional skills while integrating material from first and second year professional pharmacy courses.

PHAR 472 - Integrated Studies IV

Credits: 1. Offered spring. Prereq., PHAR 471. Continuation of 471.

PHAR 480 - Community Pharmacy IPPE

Credits: 3. (R-6) Offered every term. Prereq., completion of first professional year. Supervised professional experience in community pharmacy.

PHAR 481 - Hospital Pharmacy IPPE

Credits: 3. (R-6) Offered every term. Prereq., completion of first professional year. Supervised professional experience in a hospital pharmacy.

PHAR 484 - Introduction to Toxicology

Credits: 3. Offered every autumn. Prereq., Biology, Chemistry, and Biochemistry; or consent of instructor. Online instruction provides students with a comprehensive introduction to environmental health and the principles of toxicology. Included: Human toxic substance exposure, processing of toxic substances and the impact on cells and tissues including genetic and epigenetic factors. Graduate increment includes design of a research study in toxicology and leading class

PHAR 485 - Environmental Health

Credits: 3. Offered every spring. Prereq., Biology, Chemistry, Biochemistry, and Intro. Toxicology; or consent of instructor. Online instruction for the principles, concepts and applications of environmental health. Included: Methods and paradigm used in the field ranging from ecology to epidemiology, from toxicology to environmental psychology, from genetics to ethics. This course will provide students with a comprehensive introduction to environmental health. This includes an overview of the methods and paradigms used in the field, ranging from ecology to epidemiology, from toxicology to environmental psychology, and from genetics to ethics.

PHAR 486 - Epidem Translational

Credits: 3. Offered every Autumn. Prereq., Biology, Chemistry, Biochemistry, Statistics, and Intro. Toxicology; or consent of instructor. Online instruction to introduce the principles and methods for epidemiologic and clinical investigation, including biostatistical applications. Students will learn to conduct and interpret epidemiological and clinical studies on environmental toxicology. Graduate increment includes design and analysis of an epidemiological study and leading class discussions.

PHAR 490 - Undergraduate Research

Credits: 1 TO 3. (R-6) Offered autumn and spring. Prereq., consent of instr. Individual participation in library or laboratory research. Course Attributes: Research & Creative Schlrshp

PHAR 491 - Special Topics

Credits: 1 TO 9. (R-9) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

PHAR 494 - Seminar

Credits: 1 TO 6. (R-6) Offered intermittently. Varying topics.

PHAR 505 - Pharmacy Practice IV

Credits: 3. Offered autumn. Prereq., third professional year standing in Pharm.D. program. Applications of advanced drug therapy monitoring and disease state management. Level: Graduate
PHAR 506 - Pharmacy Practice V

Credits: 3. Offered spring. Prereq., PHAR 505. Aspects of dispensing, management, communications, disease state monitoring, and legal issues related to the provision of pharmaceutical care. Level: Graduate
PHAR 513 - Pharmacoeconomics

Credits: 3. Offered spring. Prereq., third professional year standing or consent of instr. Introduction to assessing the economic, clinical and humanistic outcomes of pharmacotherapy. Level: Graduate
PHAR 514E - Case Studies Pharm Ethics

Credits: 3. Offered spring. Prereq., third professional year standing or consent of instr. A practical discussion of pharmacy ethics, as it relates to pharmacy practice. Level: Graduate Course Attributes: Ethical & Human Values Course
PHAR 550 - Drug Literature Eval

Credits: 3. Offered autumn. Prereq., third professional year standing in pharmacy. Scientific and statistical evaluation of the drug and medical research literature to formulate solutions for patient-specific pharmacotherapy problems. Level: Graduate Course Attributes: Writing Course-Advanced
PHAR 553 - Therapeutics III

Credits: 4. Offered autumn. Prereq., PHAR 452, 472: prereq. or coreq., PHAR 571. Pharmacotherapeutics of common disease states emphasizing pathophysiology and the selection, monitoring, and individualization of drug therapy. Applies the basic pharmaceutical sciences to patient care. Level: Graduate
PHAR 554 - Therapeutics IV

Credits: 4. Offered spring. Prereq., PHAR 553, 571; prereq. or coreq., PHAR 572. Intended for Pharm.D. students. Pharmacotherapeutics of common disease states emphasizing pathophysiology and the selection, monitoring, and individualization of drug therapy. Applies the basic pharmaceutical sciences to patient care. Level: Graduate
PHAR 556 - Psychopharmacotherapeutics

Credits: 2. Offered autumn. Prereq., PHAR 452 or consent of instr. A discussion of the more common childhood and adult psychiatric disorders with emphasis on a pharmacologic approach to their treatment. Level: Graduate
PHAR 557 - Public Health In Pharmacy

Credits: 2. Offered autumn. Prereq., PHAR 452, 472. Discussion of the roles and responsibilities of pharmacists in public health and the role of drugs in public health programs. Level: Graduate
PHAR 560 - Pharmaceutical Care Lab IV

Credits: 1. Coreq PHAR 505. Practice in professional communication and pharmaceutical care interventions and recommendations. Level: Graduate
PHAR 563 - Pharmaceutical Care Lab V

Credits: 1. Coreq., PHAR 506. Practice in professional communication and pharmaceutical care interventions and recommendations. Level: Graduate
PHAR 571 - Integrated Studies V

Credits: 1. Offered autumn. Prereq., third professional year standing in Pharm.D. program. Small group conferences designed to develop the professional skills needed to practice pharmaceutical care while integrating material from the professional pharmacy curriculum. Level: Graduate

PHAR 572 - Integrated Studies VI

Credits: 1. Offered spring. Prereq., third professional year standing in Pharm.D. program. Small group conferences designed to develop professional skills while integrating material from other pharmacy courses. Level: Graduate

PHAR 578 - Port Assess/APPE Orient

Credits: 1. Offered spring. Prereq., final semester in didactic PHARM D curriculum. Preparation and assessment of the student portfolio and orientation for the final experiential year of the professional pharmacy program. Level: Graduate

PHAR 579 - Comm Pharm APPE

Credits: 1 TO 12. (R-12) Offered every term. Prereq., completion of didactic courses in the Pharm. D. program. Supervised professional experience in the patient care functions of the pharmacist in the community pharmacy setting. Level: Graduate

PHAR 580 - Hosp Pharm APPE

Credits: 4. (R-12) Offered every term. Prereq. Completion of didactic courses in the Pharm.D. program. Supervised professional experience in the patient care functions of the pharmacist in the hospital pharmacy setting. Level: Graduate

PHAR 581 - Inpatient APPE

Credits: 4 TO 12. (R-12) Offered every term. Prereq., completion of didactic courses in the Pharm.D. program. Supervised professional experience in the clinical functions of the pharmacist in the inpatient hospital setting. Level: Graduate

PHAR 582 - AMB Care APPE

Credits: 4 TO 16. (R-16) Offered every term. Prereq., completion of didactic courses in the Pharm.D. program. Supervised professional experience in the clinical functions of the pharmacist in the ambulatory care setting. Level: Graduate

PHAR 583 - Drug Information APPE

Credits: 4. (R-8) Offered every term. Prereq., completion of didactic courses in the Pharm.D. program. Supervised professional experience in the provision of drug information by the pharmacist. Level: Graduate

PHAR 584 - Specialized Services APPE

Credits: 4. (R-8) Offered every term. Prereq., completion of didactic courses in the Pharm.D. program. Supervised professional experience in specialized practice settings, such as home infusion, compounding, and nuclear pharmacies.. Level: Graduate

PHAR 585 - Geriatric APPE

Credits: 4. (R-8) Offered every term. Prereq., completion of didactic courses in the Pharm.D. program. Supervised professional experience with geriatric patients in the long term care and/or other pharmacy setting. Level: Graduate

PHAR 586 - Clinical Speciality APPE

Credits: 4. (R-16) Offered every term. Prereq., completion of didactic courses in the Pharm.D. program. Supervised professional experience in the clinical functions of the pharmacist in specialty settings or with specialized groups of patients. Level: Graduate

PHAR 587 - Administrative APPE

Credits: 4. (R-8) Offered every term. Prereq., completion of didactic courses in the Pharm.D. program. Supervised professional experience in the administrative aspects of providing pharmaceutical care. Level: Graduate

PHAR 588 - Research APPE

Credits: 4. (R-8) Offered every term. Prereq., completion of didactic courses in the Pharm.D. program. Supervised professional experience in a research setting. Level: Graduate

PHAR 589 - Education APPE

Credits: 4. Offered every term. Prereq., completion of didactic courses in the Pharm.D. program. Supervised professional experience in teaching in a pharmacy curriculum. Level: Graduate

PHAR 595 - Special Topics

Credits: 1 TO 9. (R-9) Offered intermittently. Prereq., senior or graduate standing. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics. Level: Graduate

PHAR 596 - Independent Study

Credits: 1 TO 9. (R-9) Offered every term. Course material appropriate to the needs and objectives of the individual student. Level: Graduate

PHAR 603 - Professional Practice IV

Credits: 4. Offered autumn. Prereq., third professional year standing in Pharm.D. program and acceptance into M.B.A. program. Aspects of dispensing, management, communications, disease state monitoring, and legal issues related to the provision of pharmaceutical care. Level: Graduate

PHAR 604 - Professional Practice V

Credits: 4. Offered spring. Prereq., PHAR 603. Applications of advanced drug therapy monitoring and disease state. Level: Graduate

College of Humanities and Sciences

Christopher M. Comer, Dean

Jenny McNulty, Associate Dean

S. Melanie Hoell, Director of Advising

Homepage: www.cas.umt.edu

The College of Humanities and Science is the intellectual core of the University of Montana. We fulfill the central purpose for which the University was chartered in 1893: to provide a liberal education and integrated knowledge of the humanities and the sciences.

A liberal arts education gives students the means to think broadly and test the value of diverse ideas, beliefs and facts. It empowers them to continue the learning process throughout life. By studying the ways of thinking and

expression that are characteristic of the humanities and the social and natural sciences, students will be educated citizens. They will be enabled to think critically about scientific methods and findings, social analysis, creativity in the arts and humanities, aesthetics and values. Equally important is effective expression of one's understandings. Clear thinking, cogent expression, and solid values provide the foundation of successful careers.

A particular strength of the College is the breadth of its disciplines and programs. This breadth makes possible a varied and flexible curriculum that advances both general programs and specialized education on the undergraduate and graduate levels. Another strength is the quality of the faculty. Its members have a distinguished record of teaching, research and creation of new knowledge, and service to our communities. Their commitment to undergraduate liberal arts education is demonstrated by the quality of the graduates the College has produced. The pre-professional education received here has enabled University of Montana graduates to compete successfully for admission to graduate schools across the nation. A third strength of the College is its commitment to students as they pursue their academic studies at the University. This is reflected in close student/faculty relationships and in the continuous attention given by the College to the effect that policies, procedures, and administrative practices have on students' educational experience.

African-American Studies

Tobin Miller Shearer, Program Director

African-American Studies at the University of Montana connects African and African-American (including Latin America and the Caribbean) history, experiences, and perspectives with the 21st century. The goal of the African-American Studies curriculum is to develop basic knowledge of, and appreciation for, the diverse experiences of the African Diaspora, and their contributions to the nations into which they were incorporated. Through this study students will recognize that the African-American narrative connects to the core issues of nation formation, identity politics, social movements, and the liberal state. Those who take this minor will likewise be equipped to talk alongside, through, and in the midst of the racial fracture lines that mark this nation as a country where the color of one's skin is socially significant. In all these efforts, we promote scholarship that is driven first and foremost by an interest in creating knowledge and furthering our understanding of the African-American experience. The interdisciplinary curriculum of African-American Studies includes course offerings from the following academic disciplines: anthropology, economics, English, geography, history, music, political science, and sociology. Some topics of study include: African heritage and cultural continuity among African-Americans; African-American identity issues and cultural variation; the history of African-American protest and resistance, including the abolitionist, anti-lynching, and civil rights movements; the Harlem Renaissance; the social dynamics of integration and segregation; and the various circumstances of, and prospects for, African Americans in the 21st century.

College Humanities & Sciences Catalog Year: 2015-2016

Degree Type: Minor Level: Minor Subject: **African-American Studies (Minor)**

Total Credits: 24 Cumulative GPA Required: 2.0

Upper Division Core

Category Name: African-American Studies Core Courses Rule: All courses are required

Criterion: C- Number of Credits 9

Course Listing

AAS 141H	Black: Africa to Hip-Hop	3
AAS 342H	Afr Amer Hist to 1865	3
AAS 343H	Afr Amer Hist Since 1865	3

Commentary: Several of these courses are cross-listed with history (HSTA) and maybe taken under that subject:

AAS 141H = HSTA 141H

AAS 342H = HSTA 342H AAS 343H = HSTA 343H

Commentary: Major Electives

Category Name: African-American Studies Electives

Rule: 6 credits required from the following electives, 3 of which must be in an upper division course Criterion: C-

Number of Credits 6

Course Listing

AAS 195	Special Topics 1 To 6	
AAS 208H	Discovering Africa	3
AAS 260	African Amer & Native Amer	3
AAS 262	Abolitionism	3
AAS 295	Special Topics 1 To 6	
AAS 347	Voodoo, Muslim, Church	3
AAS 372	African American Identity	3
AAS 395	Special Topics 1 To 9	
AAS 417	Prayer & Civil Rights	3
AAS 420	America Divided, 1848-1865	3
AAS 495	Special Topics 1 To 9	
HSTA 327	Atlantic World Slavery	3

Commentary: Several of these courses are cross-listed with history (HSTA) and maybe taken under that subject:

AAS 347 = HSTA 347;

AAS 415 = HSTA 415;

AAS 417 = HSTA 417;

AAS 420 = HSTA 420

Commentary: Other Courses

Category Name: Other Electives

Rule: 9 credits are required from the following courses. At least 2 of the courses must be from different disciplines.

Criterion: C-

Course Listing Number of Credits 9

ANTY 122S	Race and Minorities	3
ANTY 330X	Peoples and Cultures of World	3
ANTY 349	Social Change in NnWstrn Socts	3
ECNS 217X	Issues in Economic Development	3
FRCH 391	Special Topics 1 To 9	
GPHY 243S	Africa	3
HSTA 361	The American South	3
HSTA 382H	History of American Law	3

HSTA 418	Women and Slavery	3
HSTA 419	Southern Women	3
HSTA 420	America Divided, 1848-1865	3
HSTR 262H	Islamic Civil: Classical Age	3
LIT 343	African American Lit	3
LIT 420	Critical Theory	3
MUSI 130L	History of Jazz	3
PSCI 326	Politics of Africa	3
SOCI 220S	Race, Gender & Class	3
SOCI 325	Social Stratification	3
SOCI 443	Sociology of Poverty	3

Commentary: FRCH 391: Special Topics must be African-American Literature. Students can also take HSTR 388 and HSTR 409.

Faculty

Affiliates

- Jill Bergman, Professor
- Benedicte Boisseron, Associate Professor
- Gregory Campbell, Professor
- Johan Eriksson, Assistant Professor of Saxophone and Jazz Studies
- Jeffrey Gritzner, emeritus Professor
- Anya Jabour, Professor of History; Co-Director, Women & Gender Studies
- Michael Mayer, Professor of History
- George Price, Lecturer
- Daisy Rooks, Assistant Professor
- Tobin Miller Shearer, Associate Professor of History; Director of African-American Studies
- Kyle G. Volk, Associate Professor of History; Director of Undergraduate Studies
- Celia Winkler, Associate Professor

Course Descriptions

African-American Studies

AAS 141H - Black: Africa to Hip-Hop

Credits: 3. Level: Undergraduate. Offered autumn. Same as HSTA 141H. This course introduces students to the primary questions, themes, and approaches to African-American Studies. In addition to examining key historical periods such as Reconstruction, the Harlem Renaissance, and the Civil Rights era, students will encounter Hip-Hop, African-American film, African-American religion, and contemporary identity politics. This course concludes by discussing the reasons for and new directions in African-American studies, including diaspora studies, Pan-Africanism, and post-colonial studies. Overall students will gain new insight into the social, cultural, political, and

intellectual, experiences of a diverse people and into the history and contemporary experience of the United States.

Course Attributes: Historical & Cultural Course Indigenous and Global

AAS 191 - Special Topics

Credits: 1 TO 6. Level: Undergraduate. (R-6) Experimental offerings of visiting professors, experimental offerings of new courses, or one time offerings of current topics.

AAS 208H - Discovering Africa

Credits: 3. Level: Undergraduate. Offered intermittently. Interdisciplinary study of the history of pre-colonial Africa, focusing on social, economic, political, and cultural institutions and traditions including the wealth, diversity, and complexity of ancient and classical African civilizations and cultures. Course Attributes: Historical & Cultural Course Non-Western Course

AAS 260 - African Amer & Native Amer

Credits: 3. Level: Undergraduate. Offered Fall, even years. Same as NAS 260. A study of the broad scope of relations between African Americans and Native Americans in colonial and United States history. Topics explored through history, sociology, and cultural anthropology.

AAS 291 - Special Topics

Credits: 1 TO 6. Level: Undergraduate. (R-6) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

AAS 292 - Independent Study

Credits: 1 TO 6. Level: Undergraduate. Prereq., consent of instr.

AAS 342H - Afr Amer Hist to 1865

Credits: 3. Level: Undergraduate. Offered intermittently. Same as HSTA 342H. Survey of the African-American experience from the African background to the end of the Civil War. Focus on Black American quest for the American Dream, and how Blacks attempted to deal with the challenges of enslavement and racism. Course Attributes: Historical & Cultural Course

AAS 343H - Afr Amer Hist Since 1865

Credits: 3. Level: Undergraduate. Offered intermittently. Same as HSTA 343H (HIST 379H). Study of the African-American experience since the Civil War. Change and continuity in the African-American experience, the fight against Jim Crow, the struggle for civil rights, and post-civil rights economic, political, social and cultural developments and challenges. Course Attributes: Historical & Cultural Course

AAS 372 - African American Identity

Credits: 3. Level: Undergraduate. Offered autumn. Interdisciplinary course designed to explore and illuminate the multifaceted nature and development of African-American group and individual identity. Course Attributes: Writing Course-Upper-Division Writing Course-Approved

AAS 391 - Special Topics

Credits: 1 TO 6. Level: Undergraduate. (R-9) Prereq., consent of instr. Experimental offerings of visiting professors, experimental offerings of new courses, or one time offerings of current topics.

AAS 392 - Independent Study

Credits: 1 TO 9. Level: Undergraduate. (R-9) Prereq., consent of instr. Course material appropriate to the needs and objectives of the individual student.

AAS 415 - The Black Radical Tradition

Credits: 3. Level: Undergraduate, Graduate. (AM) Offered autumn, odd years. From slave revolts through to the Move rebellion in Philadelphia, this course examines how the African-American community has engaged in radical efforts to change the status quo in the name of seeking justice. Course Attributes: Writing Course-Upper-Division

AAS 417 - Prayer & Civil Rights

Credits: 3. Level: Undergraduate. (AM) Offered autumn, even years. This course explores the meaning of public prayer in the Civil Rights Movement. Built around the question, "Does religion help or hinder the pursuit of social change?" this class combines historical and religious studies inquiry to trace changes in civil rights activists' efforts to make use of religion. By focusing on a particular religious practice - in this case prayer - in a specific, but limited period of time, this course challenges students to consider how meaning is formed through historical action and study the social significance of religious practice. This formed through historical action and study the social significance of religious practice. This course complicates prevailing ideas about the normalcy of African-American religious practitioners' prayer, invites students to examine their assumptions about the nature of prayer, and traces how religion spilled out of sanctuaries into the streets during the civil rights era. Course Attributes: Writing Course-Upper-Division

AAS 420 - America Divided, 1848-1865

Credits: 3. Level: Undergraduate, Graduate. Offered intermittently. Same as HSTA 420. This course explores the period in American history from the close of the Mexican War through the conclusion of the Civil War. Topics include slavery and sectionalism; race and racism; immigration and ethno-religious conflict; military mobilization and wartime dissent; the meaning of freedom in the age of emancipation. This course is intended to hone skills fundamental to the historical discipline: the critical analysis of primary sources; independent primary research and historical writing; engagement with and assessment of historical scholarship; the construction of a historiographical essay. Course Attributes: Writing Course-Upper-Division

AAS 491 - Special Topics

Credits: 1 TO 6. Level: Undergraduate, Graduate. (R-9) Prereq., consent of instr. Experimental offerings of visiting professors, experimental offerings of new courses, or one time offerings of current topics.

AAS 492 - Independent Study

Credits: 1 TO 9. Level: Undergraduate, Graduate. (R-9) Prereq., consent of instr. Course material appropriate to the needs and objectives of the individual student.

AAS 562 - Problems in AfAm History

Credits: 3. Level: Undergraduate, Graduate. Spring, even years. Same as HSTA 562. This course explores the question, "How does one study African-American history?" through the lens of African-American religious practice.

Anthropology Department

Tully J. Thibeau, Chair

Anthropology is the study of people, both ancient and contemporary, in their biological, archaeological, cultural, and linguistic context. Anthropology uses a holistic approach to integrate findings from the social sciences, natural

sciences, and humanities. The primary educational mission of the Department of Anthropology is teaching, research, and professional service in order to impart the critical importance of understanding the human condition and its relevance to an increasingly diverse world. To accomplish this task, the Department of Anthropology provides a curriculum that will help students understand and appreciate the range of human cultures as well as the significance of biological evolution of the human condition. Through our undergraduate and graduate programs, students not only achieve a broad cross-cultural education but also prepare to apply their anthropological knowledge in their chosen career paths. A minor, Bachelor of Arts, Master of Arts, and Doctor of Philosophy degrees are offered in Anthropology, with options or specializations available at every level. For undergraduates, the B.A. can include an option in Archaeology, Cultural and Ethnic Diversity, Forensic Anthropology, Linguistics, Medical Anthropology - or a general degree crafted to the interests of the student. Parallel missions to promote the study of human diversity and experience are advanced by the Linguistics Program, which is also housed in the Department. Additional offerings include certificates in Forensic Science and Historic Preservation; these certificates are interdisciplinary by nature, but are administered within the Anthropology Department.

College Humanities & Sciences Catalog Year: 2015-2016

Degree Type: Bachelor of Arts Level: Major Subject: **Anthropology**

Total Credits: 36 Cumulative GPA Required: 2.0

Lower Division Core

Category Name: Lower Division Core Courses Rule: Complete all courses

Criterion: C Number of Credits 12

Course Listing

ANTY 210N Intro to Physical Anthropology 3

ANTY 220S Culture & Society 3

ANTY 250S Intro to Archaeology 3

LING 270S Intro to Ling 3

Commentary: Major Electives

Category Name: Anthropology or Cognate Electives Rule: Complete 12 credits.

Criterion: C Number of Credits 12

Course Listing

Commentary: Speak to your academic adviser for a full list of approved Anthropology or Cognate electives.

Upper Division Writing

Category Name: Upper Division Writing Requirement

Rule: Complete either an upper-division writing course from approved list in catalog, or one of the following courses listed below. Criterion: C- Number of Credits 3

Course Listing

ANTY 314 Principles of Forensic Anthro 3

ANTY 400 History of Anthropology 3

ANTY 402 Quan Ethnographic Field Methds 3

ANTY 403E Ethics and Anthropology 3

ANTY 408 Advanced Anthro Statistics 3
 ANTY 450 Archaeological Theory 3
 ANTY 451 Cultural Resource Management 3
 ANTY 455 Artifact Analysis 3
 LING 473 Language and Culture 3
 LING 484 NA Indigenous Lang & Ling 3

Commentary: Other Courses

Category Name: Subarea I-Theory and Methods

Rule: Complete 3 credits in Theory and 3 credits in Methods

Criterion: C Number of Credits 6

Course Listing Commentary:

Subcategory Name: Anthropological Theory Rule: Complete one of the following

Criterion: C Number of Credits 3

Course Listing

ANTY 312 Human Evolution 3
 ANTY 400 History of Anthropology 3
 ANTY 403E Ethics and Anthropology 3
 ANTY 404 Anthropological Museology 3
 ANTY 415 Emergence Modern Humans 3
 ANTY 430 Social Anthropology 3
 ANTY 450 Archaeological Theory 3
 ANTY 456 Historic Archaeology 3
 ANTY 458 Arch of Hunter-Gatherers 3
 LING 470 Linguistic Analysis 3

Subcategory Name: Anthropological Methods Rule: Complete one of the following

Criterion: C Number of Credits 3

Course Listing

ANTY 402 Quan Ethnographic Field Methds 3
 ANTY 408 Advanced Anthro Statistics 3
 ANTY 412 Osteology 4
 ANTY 413 Forensic and Mortuary Arch 3
 ANTY 416 Dental Anthropology 3
 ANTY 431 Ethnographic Field Methods 3
 ANTY 451 Cultural Resource Management 3
 ANTY 454 Lithic Technology 3
 ANTY 455 Artifact Analysis 3
 ANTY 466 Archaeological Survey 1 To 12
 ANTY 467 Archaeological Field School 3 To 12
 ANTY 476 Methods for Native Languages3

ANTY 495 Field Experience: 1 To 12

LING 475 Linguistic Field Methods 3

Commentary: If ANTY 466, 467, or ANTY 495 are taken, they must be taken for 3 credits.

Commentary: Other Courses

Category Name: Subarea II, III, IV

Rule: Complete 6 credits from 2 of 3 Subareas

Criterion: C Number of Credits 6

Course Listing Commentary:

Subcategory Name: Subarea II: Human Adaptation and Diversity Rule: Complete one of the following

Criterion: C

Course Listing Number of Credits 3

ANTY 122S Race and Minorities 3

ANTY 133H Food and Culture 3

ANTY 211N Anthropological Genetics 3

ANTY 227 Human Sexuality 3

ANTY 310 Human Variation 3

ANTY 333 Culture and Population 3

ANTY 417 Adaptation & Nutritional Anth 3

ANTY 418 Ecol Genet Var Human Pops 3

ANTY 426 Culture, Health and Healing 3

LING 375X Endangered Languages 3

NASX 388 Native Amer Health & Healing 3

Subcategory Name: Subarea III: World Societies and Cultures Rule: Complete one of the following

Criterion: C Number of Credits 3

Course Listing

ANTY 141H The Silk Road 3

ANTY 241H Central Asian Culture and Civ 3

ANTY 251H Foundations of Civilization 3

ANTY 254H Arch Wonders of the World 3

ANTY 323X Native Peoples of Montana 3

ANTY 330X Peoples and Cultures of World 3

ANTY 347 Central Asia and Its Neighbors 3

ANTY 351H Archaeology of North America 3

ANTY 352X Archaeology of Montana 3

ANTY 353 PaleoIndian Archaeology 3

ANTY 354H Mesoamerican Prehistory 3

ANTY 442 Cities/Landscapes Central Asia 3

ANTY 444 Artistic Tradtns Central Asia 3

ANTY 457 Arch of the Pacific Northwest 3

ANTY 459 Arch of the Arctic/Subarctic 3

ANTY 465X Arch of the SW United States 3

Subcategory Name: Subarea IV: Concepts and Issues Rule: Complete one of the following

Criterion: C Number of Credits 3

Course Listing

ANTY 216 Primates in Peril 3

ANTY 314 Principles of Forensic Anthro 3

ANTY 326E Indigenous Peoples & Globl Dev 3

ANTY 336 Myth, Ritual and Religion 3

ANTY 349 Social Change in NnWstrn Socts 3

ANTY 422 Mind, Culture and Society 3

ANTY 423 Culture and Identity 3

ANTY 427 Anthropology of Gender 3

ANTY 435 Drugs, Culture and Society 3

ANTY 440 Contemporary Issues of SE Asia 3

LING 473 Language and Culture 3

LING 477 Bilingualism 3

LING 484 NA Indigenous Lang & Ling 3

LING 489 Morphology 3

NASX 306X Contemp Global Iss Indg People 3

Degree Commentary: There are no prerequisites to the undergraduate major. The major requires 36 credits in Anthropology or Linguistics, 12 of which must be the core offerings. In addition to the core courses, students are required to have a course in quantitative methods. Students must complete the core courses and the quantitative course with a letter grade of C or better.

College Humanities & Sciences Catalog Year: 2015-2016

Degree Type: Bachelor of Arts Level: Major Subject: **Anthropology** Option: **Archaeology**

Total Credits: 36 Cumulative GPA Required: 2.0

Lower Division Core

Category Name: Lower Division Core Courses Rule: Complete all courses

Criterion: C Number of Credits 12

Course Listing

ANTY 210N Intro to Physical Anthropology 3

ANTY 220S Culture & Society 3

ANTY 250S Intro to Archaeology 3

LING 270S Intro to Ling 3

Commentary: Major Electives

Category Name: Anthropology or Cognate Electives Rule: Complete 12 credits.

Criterion: C Number of Credits 12

Course Listing

Commentary: The student must complete six credits from one of the following allied disciplines (Biology, Geography, Geology) and six credits from one of the following allied disciplines (Computer Science, Environmental Studies, Forestry, History, Mathematical Sciences, or Native American Studies).

Upper Division Writing

Category Name: Upper Division Writing Requirement

Rule: Complete either an upper-division writing course from approved list in catalog, or one of the following courses listed below. Criterion: C- Number of Credits 3

Course Listing

ANTY 314	Principles of Forensic Anthro	3
ANTY 400	History of Anthropology	3
ANTY 402	Quan Ethnographic Field Methds	3
ANTY 403E	Ethics and Anthropology	3
ANTY 408	Advanced Anthro Statistics	3
ANTY 450	Archaeological Theory	3
ANTY 455	Artifact Analysis	3
LING 473	Language and Culture	3
LING 484	NA Indigenous Lang & Ling	3

Commentary: Other Courses

Category Name: Subarea I-Theory and Methods

Rule: Complete 3 credits in Theory and 3 credits in Methods

Criterion: C Number of Credits 6

Course Listing Commentary:

Subcategory Name: Anthropological Theory Rule: Complete one of the following

Criterion: C Number of Credits 3

Course Listing

ANTY 312	Human Evolution	3
ANTY 400	History of Anthropology	3
ANTY 403E	Ethics and Anthropology	3
ANTY 404	Anthropological Museology	3
ANTY 415	Emergence Modern Humans	3
ANTY 430	Social Anthropology	3
ANTY 450	Archaeological Theory	3
ANTY 456	Historic Archaeology	3
ANTY 458	Arch of Hunter-Gatherers	3
LING 470	Linguistic Analysis	3

Subcategory Name: Anthropological Methods Rule: Complete one of the following

Criterion: C Number of Credits 3

Course Listing

ANTY 402	Quan Ethnographic Field Methds	3
ANTY 408	Advanced Anthro Statistics	3
ANTY 412	Osteology	4
ANTY 413	Forensic and Mortuary Arch	3
ANTY 416	Dental Anthropology	3
ANTY 431	Ethnographic Field Methods	3
ANTY 451	Cultural Resource Management	3
ANTY 454	Lithic Technology	3
ANTY 455	Artifact Analysis	3
ANTY 466	Archaeological Survey 1 To 12	
ANTY 476	Methods for Native Languages	3
ANTY 495	Field Experience:	1 To 12
LING 474	Historical Linguistics	3
LING 475	Linguistic Field Methods	3

Commentary: Other Courses

Category Name: Subarea II, III, IV

Rule: Complete 6 credits from 2 of 3 Subareas

Criterion: C Number of Credits 6

Course Listing Commentary:

Subcategory Name: Subarea II: Human Adaptation and Diversity Rule: Complete one of the following

Criterion: C

Course Listing		Number of Credits
ANTY 122S	Race and Minorities	3
ANTY 133H	Food and Culture	3
ANTY 211N	Anthropological Genetics	3
ANTY 310	Human Variation	3
ANTY 333	Culture and Population	3
ANTY 417	Adaptation & Nutritional Anth	3
ANTY 418	Ecol Genet Var Human Pops	3
ANTY 426	Culture, Health and Healing	3
LING 375X	Endangered Languages	3
NASX 388	Native Amer Health & Healing	3

Subcategory Name: Subarea III: World Societies and Cultures Rule: Complete one of the following

Criterion: C Number of Credits 3

ANTY 141H	The Silk Road	3
ANTY 241H	Central Asian Culture and Civ	3
ANTY 251H	Foundations of Civilization	3
ANTY 254H	Arch Wonders of the World	3
ANTY 323X	Native Peoples of Montana	3

ANTY 330X	Peoples and Cultures of World	3	
ANTY 347	Central Asia and Its Neighbors	3	
ANTY 351H	Archaeology of North America	3	
ANTY 352X	Archaeology of Montana	3	
ANTY 353	PaleoIndian Archaeology	3	
ANTY 354H	Mesoamerican Prehistory	3	
ANTY 442	Cities/Landscapes Central Asia	3	
ANTY 444	Artistic Tradtns Central Asia	3	
ANTY 457	Arch of the Pacific Northwest	3	
ANTY 459	Arch of the Arctic/Subarctic	3	
ANTY 465X	Arch of the SW United States	3	

Subcategory Name: Subarea IV: Concepts and Issues Rule: Complete one of the following

Criterion: C Number of Credits 3

Course Listing

ANTY 216	Primates in Peril	3	
ANTY 314	Principles of Forensic Anthro	3	
ANTY 326E	Indigenous Peoples & Globl Dev	3	
ANTY 336	Myth, Ritual and Religion	3	
ANTY 349	Social Change in NnWstrn Socts	3	
ANTY 422	Mind, Culture and Society	3	
ANTY 423	Culture and Identity	3	
ANTY 427	Anthropology of Gender	3	
ANTY 435	Drugs, Culture and Society	3	
ANTY 440	Contemporary Issues of SE Asia	3	
LING 473	Language and Culture	3	
LING 477	Bilingualism	3	
LING 484	NA Indigenous Lang & Ling	3	
LING 489	Morphology	3	

Commentary: Other Courses

Category Name: Archeology Core Courses

Rule: Complete one course from each of the 3 Archeology Core Courses Subcategories (Area, Theory, Methods)

Criterion: C Number of Credits 9

Course Listing Commentary:

Subcategory Name: Area Rule: Complete one course

Criterion: C Number of Credits 3

Course Listing

ANTY 351H	Archaeology of North America	3	
ANTY 352X	Archaeology of Montana	3	
ANTY 353	PaleoIndian Archaeology	3	

ANTY 354H Mesoamerican Prehistory 3
ANTY 451 Cultural Resource Management 3
ANTY 457 Arch of the Pacific Northwest 3
ANTY 459 Arch of the Arctic/Subarctic 3
ANTY 465X Arch of the SW United States 3

Subcategory Name: Theory Rule: complete one course

Criterion: C Number of Credits 3

Course Listing

ANTY 450 Archaeological Theory 3
ANTY 456 Historic Archaeology 3
ANTY 458 Arch of Hunter-Gatherers 3

Subcategory Name: Methods Rule: complete one course

Criterion: C Number of Credits 3

Course Listing

ANTY 454 Lithic Technology 3
ANTY 455 Artifact Analysis 3
ANTY 467 Archaeological Field School 3 To 12 Commentary:

Degree Commentary: For a degree in Anthropology with an option in Archeology, student must complete all the general major requirements, including a total of nine credits of Archeology Option core requirements. Note that in addition to fulfilling option requirements these ANTY courses also fulfill certain major requirements.

College Humanities & Sciences Catalog Year: 2015-2016

Degree Type: Bachelor of Arts Level: Major Subject: **Anthropology** Option: **Cultural and Ethnic Diversity**

Total Credits: 36 Cumulative GPA Required: 2.0

Lower Division Core

Category Name: Lower Division Core Courses Rule: Complete all courses

Criterion: C Number of Credits 12

Course Listing

ANTY 210N Intro to Physical Anthropology 3
ANTY 250S Intro to Archaeology 3
LING 270S Intro to Ling 3

Commentary: Major Electives

Category Name: Anthropology or Cognate Electives Rule: Complete 12 credits.

Criterion: C Number of Credits 12

Course Listing

Commentary: The student must complete six credits, with adviser approval, in one of the following disciplines (Anthropology, History, or Sociology), and six upper-division credits in one of the following allied disciplines (African-American Studies, Central and Southwest Asian Studies, East Asian Studies, Latin American Studies, Native American Studies, or Women's and Gender Studies).

Upper Division Writing

Category Name: Upper Division Writing Requirement

Rule: Complete either an upper-division writing course from approved list in catalog, or one of the following courses listed below. Criterion: C- Number of Credits 3

Course Listing

ANTY 314	Principles of Forensic Anthro	3
ANTY 400	History of Anthropology	3
ANTY 402	Quan Ethnographic Field Methds	3
ANTY 403E	Ethics and Anthropology	3
ANTY 408	Advanced Anthro Statistics	3
ANTY 450	Archaeological Theory	3
ANTY 451	Cultural Resource Management	3
ANTY 455	Artifact Analysis	3
LING 473	Language and Culture	3
LING 484	NA Indigenous Lang & Ling	3

Commentary: Other Courses

Category Name: Subarea I-Theory and Methods

Rule: Complete 3 credits in Theory and 3 credits in Methods

Course Listing Commentary:

Subcategory Name: Anthropological Theory Rule: Complete one of the following

Criterion: C Number of Credits 3

Course Listing

ANTY 312	Human Evolution	3
ANTY 400	History of Anthropology	3
ANTY 403E	Ethics and Anthropology	3
ANTY 404	Anthropological Museology	3
ANTY 415	Emergence Modern Humans	3
ANTY 430	Social Anthropology	3
ANTY 450	Archaeological Theory	3
ANTY 456	Historic Archaeology	3
ANTY 458	Arch of Hunter-Gatherers	3
LING 470	Linguistic Analysis	3

Subcategory Name: Anthropological Methods Rule: Complete one of the following

Criterion: C Number of Credits 3

Course Listing

ANTY 402	Quan Ethnographic Field Methds	3
ANTY 408	Advanced Anthro Statistics	3
ANTY 412	Osteology	4
ANTY 413	Forensic and Mortuary Arch	3