

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 9
Spring 2013**

Faculty Senate Approved April 11, 2013

---COURSES---

The courses listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All new and revised courses are printed in their entirety under the headings Current and Proposed, respectively. The column to the far right indicates the date each change becomes effective.

Prefix	Course Number	New Revise Drop	Current	Proposed	Effective Date
MEDS	540	New	--N/A--	Introduction to Cardiovascular Medicine 4 Course Prerequisite: Successful completion of first-year core curriculum. Introduction to cardiovascular medicine in preparation for caring for patients in hospitals and clinics. S, F grading.	8-13
MEDS	541	New	--N/A--	Respiratory 3 Course Prerequisite: Successful completion of first-year core curriculum. Scientific foundations that underlie the function of the respiratory system. S, F grading.	8-13
MEDS	542	New	--N/A--	Introduction to Clinical Medicine IIA 3 Course Prerequisite: Successful completion of first-year core curriculum. Continued instruction in communications skills and interview techniques to form the basis for the eventual doctor-patient relationship. S, F grading.	8-13
MEDS	543	New	--N/A--	Principles of Pharmacology I 3 Course Prerequisite: Successful completion of first-year core curriculum. In-depth physiology and pathophysiology of systems and the relevant pharmacology as it applies to these systems. S, F grading.	8-13

MEDS	547	New	--N/A--	Pathology IIA 3 Course Prerequisite: Successful completion of first-year core curriculum. The pathogenesis of disease; cellular and molecular changes that lead to expression of a disease. S, F grading.	8-13
MEDS	548	New	--N/A--	Clinical Ethics 1 Course Prerequisite: Successful completion of first-year core curriculum. Clinical ethics and tools for ethical reasoning that support current and future work. S, F grading.	8-13
MEDS	550	New	--N/A--	Introduction to Clinical Medicine IIB 3 Course Prerequisite: MEDS 542. Continued instruction in communications skills and interview techniques to form the basis for the eventual doctor-patient relationship. S, F grading.	1-14
MEDS	551	New	--N/A--	Gastrointestinal 3 Course Prerequisite: Successful completion of first-year core curriculum. The gastrointestinal system and associated problems with this system. S, F grading.	1-14
MEDS	552	New	--N/A--	Hematology 2 Course Prerequisite: Successful completion of first-year core curriculum. Development and function of blood and the pathophysiology of the different types of disorders dealing with blood. S, F grading.	1-14
MEDS	554	New	--N/A--	Genetics 1 Course Prerequisite: Successful completion of first-year core curriculum. Principles of genetics and how they are utilized in current medical practice. S, F grading.	1-14
MEDS	555	New	--N/A--	Medicine, Health, and Society 2 Course Prerequisite: Successful completion of first-year core curriculum. Health	1-14

				policy and public health and the relation to practicing medicine. S, F grading.	
MEDS	556	New	--N/A--	Hormones and Nutrients 3 Course Prerequisite: Successful completion of first-year core curriculum. Hormone production and function, nutrients, and the pathology and clinical manifestations of endocrine and metabolic diseases. S, F grading.	1-14
MEDS	557	New	--N/A--	Pathology IIB 1 Course Prerequisite: MEDS 547. Introduction of pathology in preparation for caring for patients in hospitals and clinics. S, F grading.	1-14
MEDS	558	New	--N/A--	Rheumatology 1 Course Prerequisite: Successful completion of first-year core curriculum. Immunology, anatomy, and introduction to clinical medicine to what will be seen in later medical education in clerkship rotations. S, F grading.	1-14
MEDS	560	New	--N/A--	Introduction to Clinical Medicine IIC 3 Course Prerequisite: MEDS 550. Continued instruction in communications skills and interview techniques to form the basis for the eventual doctor-patient relationship. S, F grading.	1-14
MEDS	562	New	--N/A--	The Urinary System 3 Course Prerequisite: Successful completion of first-year core curriculum. Anatomy, physiology, and pathophysiology as it relates to the urinary tract. S, F grading.	8-13
MEDS	563	New	--N/A--	Brain and Behavior 2 Course Prerequisite: Successful completion of first-year core curriculum. Major psychiatric disorders defined; a systemic	8-13

				approach to differential diagnosis. S, F grading.	
MEDS	564	New	--N/A--	Principles of Pharmacology II 2 Course Prerequisite: Successful completion of first-year core curriculum. Introduction to drugs used to treat behavioral disorders, neurological disorders, and pain. S, F grading.	1-14
MEDS	566	New	--N/A--	Pathology IIC 2 Course Prerequisite: MEDS 557. Perinatal pathology with focus on patients between conception and early infancy; encompasses the transition from a "parasitic" existence in utero to independent viability outside the womb. S, F grading.	1-14
MEDS	567	New	--N/A--	Dermatology/Skin System 1 Course Prerequisite: Successful completion of first-year core curriculum. Anatomy, biochemistry, physiology, pathology, and immunology of the skin. S, F grading.	8-13
NATRS	446	Revise	[M] Wildlife Habitat Ecology 3 The ecology of how wildlife use, respond to, and affect resources in their environment.	[M] Wildlife Habitat Ecology 3 (2-3) The ecology of how wildlife use, respond to, and affect resources in their environment.	1-14
PHARDSCI	502	Revise	Integrated Pharmacology I 3 Course Prerequisite: Admission to Pharmacy program. Medicinal chemistry, drug metabolism, signal transduction, drug development and autonomic pharmacology.	Integrated Pharmacology I 3 Course Prerequisite: Admission to Pharmacy program. Medicinal chemistry, drug metabolism, signal transduction, drug development and autonomic pharmacology. <u>H, S, F grading.</u>	8-13
PHARDSCI	503	Revise	Pathophysiology with Medical Terminology 4 Course Prerequisite: Admission to Pharmacy program. Review of human physiology along with an overview of human pathophysiology, including medical terminology.	Pathophysiology with Medical Terminology 4 Course Prerequisite: Admission to Pharmacy program. Review of human physiology along with an overview of human pathophysiology, including medical terminology. <u>H, S, F grading.</u>	8-13

PHARDSCI	508	Revise	Pharmaceutics I 3 Course Prerequisite: Admission to Pharmacy program. Principles of dosage from design and drug delivery, with an emphasis on physiochemical principles.	Pharmaceutics I 3 Course Prerequisite: Admission to Pharmacy program. Principles of dosage from design and drug delivery, with an emphasis on physiochemical principles. <u>H, S, F grading.</u>	8-13
PHARDSCI	512	Revise	Integrated Pharmacology II 4 Course Prerequisite: PHARDSCI 502. Pharmacology of drugs acting on the cardiovascular system, peripheral sites and central nervous system.	Integrated Pharmacology II 4 Course Prerequisite: PHARDSCI 502. Pharmacology of drugs acting on the cardiovascular system, peripheral sites and central nervous system. <u>H, S, F grading.</u>	8-13
PHARDSCI	515	Revise	Immunology 2 Course Prerequisite: Admission to Pharmacy program. Fundamentals of immunology, including the immunological mechanisms that underlie prevention and clearance of infectious diseases, and immune reactions that contribute to disease; mechanism of action of immunotherapeutic and immunomodulatory agents.	Immunology 2 Course Prerequisite: Admission to Pharmacy program. Fundamentals of immunology, including the immunological mechanisms that underlie prevention and clearance of infectious diseases, and immune reactions that contribute to disease; mechanism of action of immunotherapeutic and immunomodulatory agents. <u>H, S, F grading.</u>	8-13
PHARDSCI	518	Revise	Pharmaceutics II 2 Course Prerequisite: PHARDSCI 508. Principles of dosage from design and drug delivery, with an emphasis on pharmaceutical technology and biopharmaceutics.	Pharmaceutics II 2 Course Prerequisite: PHARDSCI 508. Principles of dosage from design and drug delivery, with an emphasis on pharmaceutical technology and biopharmaceutics. <u>H, S, F grading.</u>	8-13
PHARDSCI	519	Revise	Pharmaceutics Laboratory 1 (0-3) Course Prerequisite: PHARDSCI 504; PHARDSCI 508. Laboratory experience in the preparation of medicines.	Pharmaceutics Laboratory 1 (0-3) Course Prerequisite: PHARDSCI 504; PHARDSCI 508. Laboratory experience in the preparation of medicines. <u>H, S, F grading.</u>	8-13
PHARMACY	505	Revise	Pharmacy Practice Foundations 2 Course Prerequisite: Admission to Pharmacy program. Perspectives into the profession of pharmacy; pharmacy law, ethics, and careers.	Pharmacy Practice Foundations 2 Course Prerequisite: Admission to Pharmacy program. Perspectives into the profession of pharmacy; pharmacy law, ethics, and careers. <u>H, S, F grading.</u>	8-13

PHARMACY	507	Revise	Introduction to Therapeutic Agents: Top 200 Drugs 1 (0-3) Course Prerequisite: Admission to Pharmacy program. Drugs most frequently prescribed in the US as a basis for pharmacy practice.	Introduction to Therapeutic Agents: Top 200 Drugs 1 (0-2) Course Prerequisite: Admission to Pharmacy program. Drugs most frequently prescribed in the US as a basis for pharmacy practice. <u>H, S, F grading.</u>	8-13
PHARMACY	509	Revise	Professional Communications Lab 1 (0-3) Course Prerequisite: Admission to Pharmacy program. Professional communication skills as an essential foundation for career development.	Professional Communications Lab 1 (0-3) Course Prerequisite: Admission to Pharmacy program. Professional communication skills as an essential foundation for career development. <u>H, S, F grading.</u>	8-13
PHARMACY	513	Revise	Introductory Pharmacy Practice Experience I 1 Course Prerequisite: PHARMACY 505; PHARMACY 507; PHARMACY 509; PHARDSCI 502; PHARDSCI 503; PHARDSCI 504; PHARDSCI 508. Prepares student pharmacists for community practice experience and service learning activities.	Introductory Pharmacy Practice Experience I 1 Course Prerequisite: PHARMACY 505; PHARMACY 507; PHARMACY 509; PHARDSCI 502; PHARDSCI 503; PHARDSCI 504; PHARDSCI 508. Prepares student pharmacists for community practice experience and service learning activities. <u>H, S, F grading.</u>	8-13
PHARMACY	514	Revise	Pharmacotherapy I 4 Course Prerequisite: PHARDSCI 502; PHARMACY 505. First in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease.	Pharmacotherapy I 4 Course Prerequisite: PHARDSCI 502; PHARMACY 505. First in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. <u>H, S, F grading.</u>	8-13
PHARMACY	516	Revise	Health Care Systems 2 Course Prerequisite: Admission to Pharmacy program. US healthcare system, financing of health care delivery and the role of the pharmacist.	Health Care Systems 2 Course Prerequisite: Admission to Pharmacy program. US healthcare system, financing of health care delivery and the role of the pharmacist. <u>H, S, F grading.</u>	8-13
PHARMACY	581	Revise	Acute Care Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566;	Acute Care Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566;	5-13

			PHARMACY 567; PHARMACY 568 ; PHARMACY 569 . Advanced practice experience in acute care settings. S, F grading.	PHARMACY 567; PHARMACY <u>558</u> . Advanced practice experience in acute care settings. <u>H, S, F</u> grading.	
PHARMACY	582	Revise	Ambulatory Care Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568 ; PHARMACY 569 . Advanced practice experience in ambulatory care settings. S, F grading.	Ambulatory Care Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY <u>558</u> . Advanced practice experience in ambulatory care settings. <u>H, S, F</u> grading.	5-13
PHARMACY	583	Revise	Community Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568 ; PHARMACY 569 . Advanced practice experience in a community pharmacy setting. S, F grading.	Community Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY <u>558</u> . Advanced practice experience in a community pharmacy setting. <u>H, S, F</u> grading.	5-13
PHARMACY	584	Revise	Institutional Advanced Practice Experience 5 (0-5) May be repeated for credit; cumulative maximum 5 hours. Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568 ; PHARMACY 569 . Advanced	Institutional Advanced Practice Experience 5 (0-5) May be repeated for credit; cumulative maximum 5 hours. Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY <u>558</u> . Advanced practice experience in an	5-13

			practice experience in an institutional pharmacy setting. S, F grading.	institutional pharmacy setting. <u>H, S, F grading.</u>	
PHARMACY	585	Revise	Elective I Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569. Advanced practice experience in acute or ambulatory patient care settings. S, F grading.	Elective I Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY <u>558.</u> Advanced practice experience in acute or ambulatory patient care settings. <u>H, S, F grading.</u>	5-13
PHARMACY	586	Revise	Elective II Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569. Advanced practice experience in acute, ambulatory, or non-traditional patient care. S, F grading.	Elective II Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY <u>558.</u> Advanced practice experience in acute, ambulatory, or non-traditional patient care. <u>H, S, F grading.</u>	5-13
PHARMACY	587	Revise	Elective III Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569. Advanced practice experience in various health care settings. S, F grading.	Elective III Advanced Practice Experience 5 (0-5) Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY <u>558.</u> Advanced practice experience in various health care settings. <u>H, S, F grading.</u>	5-13