

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 6  
Spring 2011**

**---COURSES---**

**Approved by Faculty Senate 3/10/2011**

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.

<b>Prefix</b>	<b>Course Number</b>	<b>Action</b>	<b>Current</b>	<b>Proposed</b>	<b>Effective Date</b>
<b>Biol</b>	<b>494</b>	<b>Revise</b>	<b>Seminar in Mathematical Biology</b> 1 May be repeated for credit; cumulative maximum 4 hours. Prereq one course in math and one course in biology. Same as Math 494. S, F grading.	<b>Seminar in Mathematical Biology</b> 1 May be repeated for credit; cumulative maximum 4 hours. Prereq one course in math and one course in biology. Same as Math 494. S, F grading. <u>Cooperative course taught jointly by WSU and UI (Math 494).</u>	<b>8-11</b>
<b>Engl</b>	<b>211</b>	<b>New</b>	--N/A--	<b>[H] Diverse Sexualities and Cultural Production</b> 3 Same as W St 211.	<b>8-11</b>
<b>ES/RP</b>	<b>492</b>	<b>Revise</b>	<b>Special Topics V</b> 1-3 May be repeated for credit; cumulative maximum <del>3</del> hours.	<b>Special Topics V</b> 1-3 May be repeated for credit; cumulative maximum <u>12</u> hours.	<b>8-11</b>
<b>For L</b>	<b>410</b>	<b>Restore</b>	--N/A--	<b>[T] Issues in Foreign Film and Literature</b> 3 Prereq one Tier I; three Tier II courses. Taught in English. Comparison of film adaptations to show how cultures respond to contemporary conditions.	<b>8-10</b>
<b>Math</b>	<b>494</b>	<b>Revise</b>	<b>Seminar in Mathematical Biology</b> 1 May be repeated for credit; cumulative maximum 4 hours. Prereq one course in math and one course in biology. Oral presentation of research approaches, research results and literature review of mathematical biology including mathematical modeling of biological systems. S, F grading.	<b>Seminar in Mathematical Biology</b> 1 May be repeated for credit; cumulative maximum 4 hours. Prereq one course in math and one course in biology. Oral presentation of research approaches, research results and literature review of mathematical biology including mathematical modeling of biological systems. S, F grading. <u>Cooperative course taught jointly by WSU and UI (Math 494).</u>	<b>8-11</b>

PhrSc		New	--N/A--	New prefix "PhrSc" -- Pharmacy Sciences-- for the professional courses leading to the Doctor of Pharmacy.	8-11
PhrSc	502	Revise	<del>(PharS 551)</del> <b>Integrated Pharmacology I</b> 3 Prereq admission to PharD program. Medicinal chemistry, drug metabolism, signal transduction, drug development and autonomic pharmacology.	<b>(PharD) Integrated Pharmacology I</b> 3 Prereq admission to PharD program. Medicinal chemistry, drug metabolism, signal transduction, drug development and autonomic pharmacology.	8-11
PhrSc	503	Revise	<del>(PharS 500)</del> <b>Pathophysiology with Medical Terminology</b> 4 Prereq admission to PharD program. Review of human physiology along with an overview of human pathophysiology, including medical terminology.	<b>(PharD) Pathophysiology with Medical Terminology</b> 4 Prereq admission to PharD program. Review of human physiology along with an overview of human pathophysiology, including medical terminology.	8-11
PhrSc	504	Revise	<del>(PharS 510)</del> <b>Pharmacy Calculations 1</b> (0-2) Prereq admission to PharD program. The mathematics of prescription preparation and dispensing. S, F grading.	<b>(PharD) Pharmacy Calculations 1</b> (0-2) Prereq admission to PharD program. The mathematics of prescription preparation and dispensing. S, F grading.	8-11
PhrSc	508	Revise	<del>(PharS 521)</del> <b>Pharmaceutics I</b> 3 Prereq admission to PharD program. Principles of dosage form design and drug delivery, with an emphasis on physiochemical principles.	<b>(PharD) Pharmaceutics I</b> 3 Prereq admission to PharD program. Principles of dosage form design and drug delivery, with an emphasis on physiochemical principles.	8-11
PhrSc	512	Revise	<del>(PharS 552)</del> <b>Integrated Pharmacology II</b> 4 Prereq PharD 502. Pharmacology of drugs acting on the cardiovascular system, peripheral sites and central nervous system.	<b>(PharD) Integrated Pharmacology II</b> 4 Prereq PhrSc 502. Pharmacology of drugs acting on the cardiovascular system, peripheral sites and central nervous system.	8-11
PhrSc	515	Revise	<del>(PharS 540)</del> <b>Immunology</b> 2 Prereq successful progress in PharD program. Fundamentals of immunology, including the immunological mechanisms that underlie prevention and clearance of infectious diseases, and immune reactions that contribute to disease;	<b>(PharD) Immunology</b> 2 Prereq successful progress in PharD program. Fundamentals of immunology, including the immunological mechanisms that underlie prevention and clearance of infectious diseases, and immune reactions that contribute to disease;	8-11

			mechanism of action of immunotherapeutic and immunomodulatory agents.	mechanism of action of immunotherapeutic and immunomodulatory agents.	
PhrSc	518	Revise	<del>(PharS 522)</del> <b>Pharmaceutics II 2</b> Prereq PharD 508. Principles of dosage from design and drug delivery, with an emphasis on pharmaceutical technology and biopharmaceutics.	<b>(PharD) Pharmaceutics II 2</b> Prereq PhrSc 508. Principles of dosage from design and drug delivery, with an emphasis on pharmaceutical technology and biopharmaceutics.	8-11
PhrSc	519	Revise	<del>(PharS 523)</del> <b>Pharmaceutics Laboratory 1 (0-3)</b> Prereq PharD 504, 508; c// PharD 518. Laboratory experience in the preparation of medicines.	<b>(PharD) Pharmaceutics Laboratory 1 (0-3)</b> Prereq PhrSc 504, 508; c// PhrSc 518. Laboratory experience in the preparation of medicines.	8-11
PhrSc	528	Revise	<del>(PharS 530)</del> <b>Pharmacokinetics 3</b> Prereq PharD 518. Qualitative and quantitative understanding of the processes of drug absorption, distribution, and elimination.	<b>(PharD) Pharmacokinetics 3</b> Prereq PhrSc 518. Qualitative and quantitative understanding of the processes of drug absorption, distribution, and elimination.	8-11
PhrSc	532	Revise	<del>(PharS 553)</del> <b>Integrated Pharmacology III 4</b> Prereq PharD 502, 512. Immunopharmacology (including immunizations), chemotherapeutics (antibiotics, antivirals, and anti-cancer drugs), and endocrine pharmacology.	<b>(PharD) Integrated Pharmacology III 4</b> Prereq PhrSc 502, 512. Immunopharmacology (including immunizations), chemotherapeutics (antibiotics, antivirals, and anti-cancer drugs), and endocrine pharmacology.	8-11
PhrSc	542	Revise	<del>(PharS 554)</del> <b>Integrated Pharmacology IV 4</b> Prereq PharD 502, 512, 532. Pharmaceutical biotechnology, basic toxicology, pharmacogenomics and complementary and alternative medicines.	<b>(PharD) Integrated Pharmacology IV 4</b> Prereq PhrSc 502, 512, 532. Pharmaceutical biotechnology, basic toxicology, pharmacogenomics and complementary and alternative medicines.	8-11
Psych	491	Revise	<del>Operant Behavior 3</del> Prereq Psych 105 or Psych 198. Principles of operant and classical conditioning.	<b>(390) Principles of Learning 3</b> Prereq Psych 105. Principles of learning from a behavioral perspective using the experimental analysis of behavior. Credit not granted for both Psych 491 and 591.	8-11
SoilS	454	New	--N/A--	<b>Soil Development and Classification 3 (2-3)</b> Prereq Soils 201. Relationship of soil	8-11

				development to soil properties; soil profile descriptions and classification. Field trip required. Cooperative course taught by UI, open to WSU students (Soil 454).	
<b>V M</b>	<b>562</b>	<b>New</b>	-- N/A --	<b>Complementary and Alternative Veterinary Medicine 1</b> Prereq veterinary medicine student. Presentation of complementary and alternative veterinary medicine theories and techniques. S, M, F grading.	<b>8-11</b>
<b>W St</b>	<b>211</b>	<b>Revise</b>	<b>[H] Diverse Sexualities and Cultural Production 3</b> Introduction to US lesbian cultural production, including writing and film, within a larger socio-political context.	<b>(210) [H] Diverse Sexualities and Cultural Production 3</b> Introduction to US lesbian cultural production, including writing and film, within a larger socio-political context.	<b>8-11</b>