

Approved by Faculty Senate 12/3/09

UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 3

Fall 2009

---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
A S	472	Revise	Dairy Cattle Production 3 (2-3) Prereq A S 313; A S 330; A S 350. Principles of breeding, feeding, and management of dairy cattle. Field trip required. Cooperative course taught jointly by WSU and UI (AVS 472).	Dairy Cattle Management 3 Prereq A S 313; A S 330; A S 350. Principles of breeding, feeding, and management of dairy cattle. Field trip required. Cooperative course taught jointly by WSU and UI (AVS 472).	1-10
C E	403	Drop	Environmental Geology 3 Prereq Geol 101 or 102. Same as Geol 403.	-- N/A --	1-10
CropS	317	Revise	Golf Course Management ± Prereq CropS 301. Specific management practices for golf courses in the Pacific Northwest.	<u>Turfgrass Management Environmental Issues 3</u> Prereq CropS 301. <u>Turfgrass management and practices relating to environmental issues and concerns for golf courses, athletic fields and other public areas.</u>	1-10
E E	362	Revise	[M] Power System Laboratory I 2 (1-3) Prereq E E 262; E E 352; c// in E E 361, E E 341. Experiments in simulation, modeling, transformers, rotating machines, and transmission lines.	[M] Power System Laboratory I 3 (1-6) Prereq E E 262; E E 352; c// in E E 341, E E 361. Experiments in simulation, modeling, transformers, rotating machines, and transmission lines.	8-10

Engl	324	Revise	Rhetoric and Composition for Teaching 3 Prereq junior standing. Rhetoric, composition grammar, and assessment for secondary teaching.	[M] Rhetoric and Composition for Teaching 3 Prereq junior standing. Rhetoric, composition grammar, and assessment for secondary teaching.	1-10
EntrP	485	Revise	Topics in New Venture Business Planning 3 Prereq Fin 325; Mktg 360; MgtOp 301; MIS 375. Business competition to understand new venture creation utilizing technology breakthroughs, entrepreneurial business functions, and business plan development.	[M] Topics in New Venture Business Planning 3 Prereq Fin 325; Mktg 360; MgtOp 301; MIS 375. Business competition to understand new venture creation utilizing technology breakthroughs, entrepreneurial business functions, and business plan development.	8-10
EntrP	486	Revise	Topics in New Venture Business Planning 3 Prereq Fin 325; Mktg 360; MgtOp 301; MIS 375. Business competition to understand new venture creation utilizing technology breakthroughs, entrepreneurial business functions, and business plan development.	[M] Topics in New Venture Business Planning 3 Prereq Fin 325; Mktg 360; MgtOp 301; MIS 375. Business competition to understand new venture creation utilizing technology breakthroughs, entrepreneurial business functions, and business plan development.	8-10
EntrP	496	Revise	Special Topics V 1-3 May be repeated for credit; cumulative maximum 6 hours. Course covers new or time-sensitive topics in entrepreneurship.	[M] Special Topics V 1-3 May be repeated for credit; cumulative maximum 6 hours. Course covers new or time-sensitive topics in entrepreneurship.	8-10
ExMet	300	Revise	Professional Preparation 2 Prereq junior standing certified exercise physiology and metabolism major. ADA and ACSM standards of practice, code of ethics; societal and cultural issues that impact	[M] Professional Preparation 2 Prereq junior standing certified exercise physiology and metabolism major. ADA and ACSM standards of practice, code of ethics; societal and cultural issues	1-10

			the health care industry.	that impact the health care industry.	
ExMet	400	Revise	[M] Macronutrient Metabolism 3 Prereq FSHN 233, MBioS 303. Digestion, absorption, and metabolism of carbohydrates, protein and fats, and their utilization for energy.	Macronutrient Metabolism 3 Prereq <u>MBioS</u> 233, MBioS 303. Digestion, absorption, and metabolism of carbohydrates, protein and fats, and their utilization for energy.	1-10
ExMet	410	New	-- N/A --	Principles of Pharmacology, Toxicology and Therapeutics 3 Prereq Biol 351, Chem 345, Mbios 303; or certified exercise physiology and metabolism major. Signal transduction; drug-receptor interactions; toxicology; drug regulation; pharmacology of specific drug classes; actions of dietary supplements.	1-10
FS	113	Drop	Introduction to Vines and Wines 3 The importance of viticulture (grape growing) and enology (winemaking); wine quality. Cooperative course taught jointly by WSU and UI (FS 113).	-- N/A --	1-10
GenEd	303	New	-- N/A --	[W] Composing and Evaluation Strategies 1 Prereq permission of instructor. Strategies of writing evaluation and composing strategies for writing-intensive courses.	1-10
Geol	303	New	Environmental Geology 3 Prereq Geol 101 or 102. Geological hazards and geologic problems associated with human activities. Optional field	(403) Environmental Geology 3 Prereq Geol 101 or 102. Geological hazards and geologic problems associated with human activities. Optional field	1-10

			trip.	trip.	
H D	403	Revise	[T] Families in Poverty 3 Prereq 6 hours of social sciences; junior standing; completion of one Tier I and three Tier II courses. Examining poverty in US and globally; description of groups most often poor; identification of effective solutions and successful interventions.	[T,D] Families in Poverty 3 Prereq 6 hours of social sciences; junior standing; completion of one Tier I and three Tier II courses. Examining poverty in US and globally; description of groups most often poor; identification of effective solutions and successful interventions.	1-10
Hist	274	New	-- N/A --	[G] Introduction to African History 3 Survey of the history of Africa from human origins to present.	1-10
Hist	396	New	-- N/A --	Topics in African History 3 May be repeated for credit; cumulative maximum 9 hours. Analytical study of selected African historical movements and events.	1-10
Hort	113	Drop	Introduction to Vines and Wines 3 Same as FS 113.	-- N/A --	1-10
Hort	332	Revise	Interior Landscaping 2 Prereq biological or plant science course or by permission. Design, selection, installation, management, and maintenance of plantings within buildings; effects of interior plants on people and the environment.	Interior Landscaping 2 Prereq biological or plant science course or by permission. Design, selection, installation, management, and maintenance of plantings within buildings; effects of interior plants on people and the environment. <u>Cooperative course taught by WSU, open to UI students (PLSC WS332).</u>	1-10
Hort	357	Revise	Greenhouse Management and Crop Production 3 Rec Hort 202. Importance of greenhouse structure and operational systems to	Greenhouse Management and Crop Production 3 Rec Hort 202. Importance of greenhouse structure and operational systems to	1-10

			quality plant production; production requirements for spring greenhouse crops.	quality plant production; production requirements for spring greenhouse crops. <u>Cooperative course taught by WSU, open to UI students (PLSC WS357).</u>	
Hort	358	Revise	Greenhouse Management and Crop Production Lab 1 (0-2) Prereq c// in Hort 357. Production practices for spring greenhouse crops.	Greenhouse Management and Crop Production Lab 1 (0-2) Prereq c// in Hort 357. Production practices for spring greenhouse crops. <u>Cooperative course taught by WSU, open to UI students (PLSC WS358).</u>	1-10
PharD		New	-- N/A --	New prefix "PharD"	8-10
PharD	499	New	Special Problems V 1-4 May be repeated for credit; cumulative maximum 12 hours. S, F grading.	(PharP/PharS) Special Problems V 1-4 May be repeated for credit; cumulative maximum 12 hours. S, F grading.	8-10
PharD	501	Revise	Applied Patient Care I: Patient Assessment 1 (0-3) Prereq admission to PharD program. Laboratory course teaching hands-on physical assessment techniques from a pharmacy perspective, to provide patient-specific care. S, F grading.	(PharP) Applied Patient Care I: Patient Assessment 1 (0-3) Prereq admission to PharD program. Laboratory course teaching hands-on physical assessment techniques from a pharmacy perspective, to provide patient-specific care. S, F grading.	8-10
PharD	502	Revise	Integrated Pharmacology I 3 Prereq admission to PharD program. Medicinal chemistry, drug metabolism, signal transduction, drug development and autonomic pharmacology.	(PharS 551) Integrated Pharmacology I 3 Prereq admission to PharD program. Medicinal chemistry, drug metabolism, signal transduction, drug development and autonomic pharmacology.	8-10
PharD	503	Revise	Pathophysiology with Medical Terminology 4 Prereq admission to PharD program. Review of human	(PharS 500) Pathophysiology with Medical Terminology 4 Prereq admission to PharD	8-10

			physiology along with an overview of human pathophysiology, including medical terminology.	program. Review of human physiology along with an overview of human pathophysiology, including medical terminology.	
PharD	504	Revise	Pharmacy Calculations 1 (0-3) Prereq admission to PharD program. Familiarizes students with the drugs most frequently prescribed in the US, as a basis for pharmacy practice. S, F grading.	(PharS 510) Pharmacy Calculations 1 (0-3) Prereq admission to PharD program. Familiarizes students with the drugs most frequently prescribed in the US, as a basis for pharmacy practice. S, F grading.	8-10
PharD	505	Restore	Pharmacy Practice Foundations 2 Prereq admission to PharD program. Perspectives into the profession of pharmacy; pharmacy law, ethics, and careers.	(PharP 500) Pharmacy Practice Foundations 2 Prereq admission to PharD program. Perspectives into the profession of pharmacy; pharmacy law, ethics, and careers.	8-10
PharD	507	Revise	Introduction to Therapeutic Agents: Top 200 Drugs 1 (0-3) Prereq admission to PharD program. Drugs most frequently prescribed in the US as a basis for pharmacy practice.	(PharP 510) Introduction to Therapeutic Agents: Top 200 Drugs 1 (0-3) Prereq admission to PharD program. Drugs most frequently prescribed in the US as a basis for pharmacy practice.	8-10
PharD	508	Revise	Pharmaceutics I 3 Prereq admission to PharD program. Principles of dosage form design and drug delivery, with an emphasis on physiochemical principles.	(PharS 521) Pharmaceutics I 3 Prereq admission to PharD program. Principles of dosage form design and drug delivery, with an emphasis on physiochemical principles.	8-10
PharD	509	Revise	Professional Communications Lab 1 (0-3) Prereq admission to PharD program. Professional communication skills as an essential foundation for	(PharP 521) Professional Communications Lab 1 (0-3) Prereq admission to PharD program. Professional communication skills as an essential foundation for	8-10

			career development.	career development.	
PharD	512	Revise	Integrated Pharmacology II 4 Prereq PharS 551. Pharmacology of drugs acting on the cardiovascular system, peripheral sites and central nervous system.	(PharS 552) Integrated Pharmacology II 4 Prereq PharS 551. Pharmacology of drugs acting on the cardiovascular system, peripheral sites and central nervous system.	8-10
PharD	513	Revise	Introductory Pharmacy Practice Experience I 1 Prereq successful completion of first year of PharmD program. Prepares student pharmacists for community practice experience and service learning activities.	(PharP 522) Introductory Pharmacy Practice Experience I 1 Prereq successful completion of first year of PharmD program. Prepares student pharmacists for community practice experience and service learning activities.	8-10
PharD	514	Revise	Pharmacotherapy I 4 Prereq PharS 500, 551. Pharmacotherapy principles, drug therapy and patient care for cardiovascular, central nervous system and self-care conditions.	(PharP 543) Pharmacotherapy I 4 Prereq PharS 500, 551. Pharmacotherapy principles, drug therapy and patient care for cardiovascular, central nervous system and self-care conditions.	8-10
PharD	515	Revise	Immunology 2 Prereq successful progress in PharmD 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.	(PharS 540) Immunology 2 Prereq successful progress in PharmD 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.	8-10
PharD	516	Revise	Health Care Systems 2 Prereq admission to PharD program. US healthcare system, financing of health	(PharP 530) Health Care Systems 2 Prereq admission to PharD program. US healthcare	8-10

			care delivery and the role of the pharmacist.	system, financing of health care delivery and the role of the pharmacist.	
PharD	518	Revise	Pharmaceutics II 2 Prereq PharS 521. Principles of dosage from design and drug delivery, with an emphasis on pharmaceutical technology and biopharmaceutics.	(PharS 522) Pharmaceutics II 2 Prereq PharS 521. Principles of dosage from design and drug delivery, with an emphasis on pharmaceutical technology and biopharmaceutics.	8-10
PharD	519	Revise	Pharmaceutics Laboratory 1 (0-3) Prereq PharS 510, 521; c// PharS 522. Laboratory experience in the preparation of medicines.	(PharS 523) Pharmaceutics Laboratory 1 (0-3) Prereq PharS 510, 521; c// PharS 522. Laboratory experience in the preparation of medicines.	8-10
PharD	527	Revise	Biostatistics and Population Based Health 3 Prereq admission to PharD program. Research process; biostatistics, pharmacoeconomics, pharmacoepidemiology and evaluation of quality of life emphasizing application and interpretation.	(PharP 540) Biostatistics and Population Based Health 3 Prereq admission to PharD program. Research process; biostatistics, pharmacoeconomics, pharmacoepidemiology and evaluation of quality of life emphasizing application and interpretation.	8-10
PharD	528	Revise	Pharmacokinetics 3 Prereq PharS 522. Qualitative and quantitative understanding of the processes of drug absorption, distribution and elimination.	(PharS 530) Pharmacokinetics 3 Prereq PharS 522. Qualitative and quantitative understanding of the processes of drug absorption, distribution and elimination.	8-10
PharD	531	Revise	Applied Patient Care II: Clinical Assessment and Documentation 1 (0-3) Prereq PharP 501. Clinical assessment and documentation skills necessary for effective	(PharP 502) Applied Patient Care II: Clinical Assessment and Documentation 1 (0-3) Prereq PharP 501. Clinical assessment and documentation skills	8-10

			pharmaceutical care.	necessary for effective pharmaceutical care.	
PharD	532	Revise	Integrated Pharmacology III 4 Prereq PharS 552. Immunopharmacology (including immunizations), chemotherapeutics (antibiotics, antivirals, and anti-cancer drugs), and endocrine pharmacology.	(PharS 553) Integrated Pharmacology III 4 Prereq PharS 552. Immunopharmacology (including immunizations), chemotherapeutics (antibiotics, antivirals, and anti-cancer drugs), and endocrine pharmacology.	8-10
PharD	533	Revise	Introductory Pharmacy Practice Experience II 3 (0-9) Prereq completion of first year of PharmD program. Authentic practice situations and service learning with opportunities for discussion and reflection.	(PharP 526) Introductory Pharmacy Practice Experience II 3 (0-9) Prereq completion of first year of PharmD program. Authentic practice situations and service learning with opportunities for discussion and reflection.	8-10
PharD	534	Revise	Pharmacotherapy II 4 Prereq PharP 543; PharS 500 and 552. Pharmacotherapy of infectious disease, cancer, immunologic and endocrine disorders; herbal medicines.	(PharP 544) Pharmacotherapy II 4 Prereq PharP 543; PharS 500 and 552. Pharmacotherapy of infectious disease, cancer, immunologic and endocrine disorders; herbal medicines.	8-10
PharD	541	Revise	Applied Patient Care III: Medication Therapy Management 1 (0-3) Prereq PharP 502. Identification of pertinent patient findings, assessment of drug-related problems and clinical problem solving.	(PharP 503) Applied Patient Care III: Medication Therapy Management 1 (0-3) Prereq PharP 502. Identification of pertinent patient findings, assessment of drug-related problems and clinical problem solving.	8-10
PharD	542	Revise	Integrated Pharmacology IV 4 Prereq Phar S 553. Pharmaceutical biotechnology, basic	(PharS 554) Integrated Pharmacology IV 4 Prereq Phar S 553. Pharmaceutical biotechnology, basic	8-10

			toxicology, pharmacogenomics and complementary and alternative medicines	toxicology, pharmacogenomics and complementary and alternative medicines	
PharD	543	Revise	Introductory Pharmacy Practice Experience III 1 Prereq completion of second year of Pharm D program. Authentic practice situations and service learning with opportunities for discussion and reflection.	(PharP 527) Introductory Pharmacy Practice Experience III 1 Prereq completion of second year of Pharm D program. Authentic practice situations and service learning with opportunities for discussion and reflection.	8-10
PharD	544	Revise	Pharmacotherapy III 4 Prereq PharP 544; PharS 553. Pharmacotherapy of respiratory disorders, men's health issues, women's health issues, GI disorders and psychiatric disorders.	(PharP 545) Pharmacotherapy III 4 Prereq PharP 544; PharS 553. Pharmacotherapy of respiratory disorders, men's health issues, women's health issues, GI disorders and psychiatric disorders.	8-10
PharD	545	Revise	Pharmacy Management 3 Prereq admission to PharmD program. Management principles essential for common practice settings in the profession of pharmacy.	(PharP 580) Pharmacy Management 3 Prereq admission to PharmD program. Management principles essential for common practice settings in the profession of pharmacy.	8-10
PharD	546	Revise	Selected Topics in Pharmacy Practice 2 Prereq PharP 530, 540. Interactive course addressing economic, ethical and professional aspects of health care delivery.	(PharP 570) Selected Topics in Pharmacy Practice 2 Prereq PharP 530, 540. Interactive course addressing economic, ethical and professional aspects of health care delivery.	8-10
Soc	333	New	-- N/A --	Science, Power and Human Values 3 Recent developments in the sociological study of science and scientific knowledge through	1-10

				cultural, commercial and political perspectives.	
T & L	301	Revise	Learning and Development 2 Prereq Psych 105, T & L 300. Reflective inquiry about human learning, development, diversity, and individual differences, examination of implications for teaching and education reform.	(300) Learning and Development 3 Prereq Psych 105. Reflective inquiry about human learning, development, diversity, and individual differences, examination of implications for teaching and education reform.	8-10
V An	308	New	-- N/A --	Functional Anatomy of Domestic Animals 4 (3-3) Prereq Biol 107; junior standing. Macroscopic functional morphology of domestic animals.	1-10
V E	113	Revise	Introduction to Vines and Wines 3 Same as FS 113.	Introduction to Vines and Wines 3 <u>The importance of viticulture (grape growing) and enology (winemaking); wine quality.</u>	1-10
V Ph	308	New	-- N/A --	Functional Anatomy of Domestic Animals 4 (3-3) Prereq Biol 107; junior standing. Same as V An 308.	1-10