

Approved by Faculty Senate 2/11/10

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 5  
Spring 2010**

**---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.

<b>Prefix</b>	<b>Course Number</b>	<b>New Revise Drop</b>	<b>Current</b>	<b>Proposed</b>	<b>Effective Date</b>
PharD	551	Revise	<b>Applied Patient Care IV: Advanced Medication Therapy Management 1</b> (0-3) Prereq <del>PharP 503</del> . Medication therapy management for complex patients; case-based discussions and human patient simulation.	<b>(PharP 504) Applied Patient Care IV: Advanced Medication Therapy Management 1</b> (0-3) Prereq <u>PharD 501, 531, 541</u> . Medication therapy management for complex patients; case-based discussions and human patient simulation.	8-10
PharD	553	Revise	<b>Introductory Pharmacy Practice Experience IV 3</b> (0-9) Prereq successful completion of second year of PharmD program. Authentic practice situations and service learning with opportunities for discussion and reflection.	<b>(PharP 528) Introductory Pharmacy Practice Experience IV 3</b> (0-9) Prereq successful completion of second year of PharD program. Authentic practice situations and service learning with opportunities for discussion and reflection.	8-10
PharD	554	Revise	<b>Pharmacotherapy IV 3</b> Prereq <del>PharP 545</del> . Pharmacotherapy of nutrition, bone and joint disorders, pain management and liver, kidney and blood disorders.	<b>(PharP 546) Pharmacotherapy IV 3</b> Prereq <u>PharD 514, 534, 544</u> . Pharmacotherapy of nutrition, bone and joint disorders, pain management and liver, kidney and blood disorders.	8-10
PharD	555	Revise	<b>Drug Information and Literature Evaluation 3</b> Prereq <del>PharP 540</del> . Evaluation of drug information in pharmaceutical and biomedical literature to provide better patient care.	<b>(PharP 550) Drug Information and Literature Evaluation 3</b> Prereq <u>PharD 527</u> . Evaluation of drug information in pharmaceutical and biomedical literature to provide better patient care.	8-10
PharD	557	Revise	<b>Advanced Therapeutics 3</b> Prereq <del>PharP 545</del> . Advanced pharmacotherapy in complex patients including cardiovascular diseases, infectious diseases and	<b>(PharP 560) Advanced Therapeutics 3</b> Prereq <u>PharD 514, 534, 544</u> . Advanced pharmacotherapy in complex patients including cardiovascular	8-10

			endocrine disorders.	diseases, infectious diseases and endocrine disorders.	
PharD	558	Revise	<b>Applied Clinical Pharmacokinetics 2</b> Prereq <del>PharS 530</del> . Clinical applications of pharmacokinetics including theoretical background and application to patient care.	<b>(PharP 556) Applied Clinical Pharmacokinetics 2</b> Prereq <u>PharD 528</u> . Clinical applications of pharmacokinetics including theoretical background and application to patient care.	8-10
PharD	559	Revise	<b>Quality Assurance and Patient Safety 2</b> Prereq admission to PharD program. Patient safety issues including quality assurance, medication error avoidance and risk management in healthcare systems.	<b>(PharP 571) Quality Assurance and Patient Safety 2</b> Prereq admission to PharD program. Patient safety issues including quality assurance, medication error avoidance and risk management in healthcare systems.	8-10
PharD	561	Revise / Restore	<b>Applied Patient Care V: Integrated Patient Care 1 (0-3)</b> Prereq <del>PharP 504</del> . Integration of pharmaceutical care with an interdisciplinary emphasis using patient cases and human patient simulation.	<b>(PharP 505) Applied Patient Care V: Integrated Patient Care 1 (0-3)</b> Prereq <u>PharD 501, 531, 541, 551</u> . Integration of pharmaceutical care with an interdisciplinary emphasis using patient cases and human patient simulation.	8-10
PharD	563	New	--N/A---	<b>Introductory Pharmacy Practice Experience V 1 (0-2)</b> Prereq successful completion of third year fall coursework. Authentic practice situations and service learning with opportunities for discussion and reflection.	8-10
PharD	564	Revise	<b>Pharmacy Law and Regulatory Affairs 3</b> Prereq admission to PharD program. Legal and ethical pharmacy practice including licensing, patient privacy protection, order fulfillment and contracts.	<b>(PharP 520) Pharmacy Law and Regulatory Affairs 3</b> Prereq admission to PharD program. Legal and ethical pharmacy practice including licensing, patient privacy protection, order fulfillment and contracts.	8-10
PharD	565	Revise	<b>Parenteral Products 2 (0-4)</b> Prereq PharP 546, 560; PharS 523. Preparation and administration of compounded parenteral products; patient case discussions and student presentations.	<b>(PharP 577) Parenteral Products 2 (0-4)</b> Prereq PharD 504, 514, 519, 534, 544, 554, 557. Preparation and administration of compounded parenteral products; patient case discussions and student presentations.	8-10
PharD	566	Revise	<b>Therapeutics of Special Populations 3</b> Prereq <del>PharP 560</del> . Special therapeutic needs of unique	<b>(PharP 578) Therapeutics of Special Populations 3</b> Prereq <u>PharD 557</u> . Special therapeutic	8-10

			populations including pediatrics, chronic neurologic disorders, hospice care and immuno-compromised patients.	needs of unique populations including pediatrics, chronic neurologic disorders, hospice care and immuno-compromised patients.	
PharD	567	Revise	<b>Inter-professional Health Care 3</b> Prereq third year PharmD student. Interdisciplinary students (pharmacy, nursing, medicine) working and learning together using patient cases.	<b>(PharP 579) Inter-professional Health Care 3</b> Prereq third year PharD student. Interdisciplinary students (pharmacy, nursing, medicine) working and learning together using patient cases.	8-10
PharD	568	Revise	<b>Patient Cases and Professional Presentations 1 (0-2)</b> Prereq PharP 546. Professional presentation/communication skills in pharmacy; focus on public speaking in various formats.	<b>(PharP 585) Patient Cases and Professional Presentations 1 (0-2)</b> Prereq PharD 514, 534, 544, 554. Professional presentation/communication skills in pharmacy; focus on public speaking in various formats.	8-10
PharD	569	Revise	<b>Professional Communications and Integrated Colloquium 1 (0-2)</b> Prereq <del>PharP 521</del> . Practice in eliciting information from patients, initiating educational interventions and demonstrating sensitivity to cultural factors.	<b>(PharP 524) Professional Communications and Integrated Colloquium 1 (0-2)</b> Prereq <u>PharD 509</u> . Practice in eliciting information from patients, initiating educational interventions and demonstrating sensitivity to cultural factors.	8-10
PharD	581	Revise	<b>Acute Care Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharmD didactic coursework completed. Advanced practice experience in acute care settings.	<b>(PharP 561) Acute Care Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharD didactic coursework completed. Advanced practice experience in acute care settings.	8-10
PharD	582	Revise	<b>Ambulatory Care Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharmD didactic coursework completed. Advanced practice experience in ambulatory care settings.	<b>(PharP 562) Ambulatory Care Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharD didactic coursework completed. Advanced practice experience in ambulatory care settings.	8-10
PharD	583	Revise	<b>Community Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharmD didactic coursework	<b>(PharP 566) Community Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharD didactic	8-10

			completed. Advanced practice experience in a community pharmacy setting.	coursework completed. Advanced practice experience in a community pharmacy setting.	
PharD	584	Revise	<b>Institutional Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharmD didactic coursework completed. Advanced practice experience in an institutional pharmacy setting.	<b>(PharP 567) Institutional Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharD didactic coursework completed. Advanced practice experience in an institutional pharmacy setting.	8-10
PharD	585	Revise	<b>Elective I Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharmD didactic coursework completed. Advanced practice experience in acute or ambulatory patient care settings.	<b>(PharP 563) Elective I Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharD didactic coursework completed. Advanced practice experience in acute or ambulatory patient care settings.	8-10
PharD	586	Revise	<b>Elective II Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharmD didactic coursework completed. Advanced practice experience in acute, ambulatory, or non-traditional patient care.	<b>(PharP 564) Elective II Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharD didactic coursework completed. Advanced practice experience in acute, ambulatory, or non-traditional patient care.	8-10
PharD	587	Revise	<b>Elective III Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharmD didactic coursework completed. Advanced practice experience in various health care settings.	<b>(PharP 565) Elective III Advanced Practice Experience V 1 (0-3) to 5 (0-15)</b> May be repeated for credit; cumulative maximum 5 hours. Prereq PharD didactic coursework completed. Advanced practice experience in various health care settings.	8-10
PharD	588	Revise	<b>Special Topics 2</b> Contemporary issues in pharmacy.	<b>(PharP 555) Special Topics 2</b> Contemporary issues in pharmacy.	8-10
PharD	589	Revise	<b>Are We Poisoning our Parents? 1</b> Prereq completion of second year of PharmD program. Causes and perils of an overmedicated society through discussion and avocation of safe and responsible use of drugs in older adults.	<b>(PharP 586) Are We Poisoning our Parents? 1</b> Prereq completion of second year of PharD program. Causes and perils of an overmedicated society through discussion and avocation of safe and responsible use of drugs in older adults.	8-10
PharD	590	Revise	<b>Advanced Topics in Infectious</b>	<b>(PharP 590) Advanced Topics in</b>	8-10

			<b>Disease 1</b> Prereq <del>PharP 552; PharP 553</del> . Advanced knowledge of infectious disease topics covered in therapeutic PharmD coursework. S, F grading.	<b>Infectious Disease 1</b> Prereq <u>PharD 544</u> . Advanced knowledge of infectious disease topics covered in therapeutic PharD coursework. S, F grading.	
PharD	591	Revise	<b>Medication Error Prevention 2</b> Prereq upper-division, certified health sciences major. Interdisciplinary responsibilities and approaches to detection and prevention of medication errors; practice in developing risk management plans for specific cases.	<b>(PharP 591) Medication Error Prevention 2</b> Prereq upper-division, certified health sciences major. Interdisciplinary responsibilities and approaches to detection and prevention of medication errors; practice in developing risk management plans for specific cases.	8-10
PharD	592	Revise	<b>Medical Devices for Home Health Care 2</b> Prereq third professional year pharmacy student. Review of medical devices used by patients for home care or self care and provision of recommendations to patients concerning these devices.	<b>(PharP 592) Medical Devices for Home Health Care 2</b> Prereq third professional year pharmacy student. Review of medical devices used by patients for home care or self care and provision of recommendations to patients concerning these devices.	8-10
PharD	593	Revise	<b>Advanced Topics in Behavioral Health-Mental Health in the Media 1</b> Prereq <del>PharP 552; PharP 553</del> . Advanced knowledge of behavioral health topics covered in Therapeutics PharmD coursework through discussion and case-based teaching, and opportunities for students to think through diagnosis, treatment, complications, adverse effects, interactions, and monitoring parameters. S, F grading.	<b>(PharP 593) Advanced Topics in Behavioral Health-Mental Health in the Media 1</b> Prereq <u>PharD 544</u> . Advanced knowledge of behavioral health topics covered in Therapeutics PharD coursework through discussion and case-based teaching, and opportunities for students to think through diagnosis, treatment, complications, adverse effects, interactions, and monitoring parameters. S, F grading.	8-10
PharD	594	Revise	<b>Comprehensive Diabetes Management 3</b> Prereq current Pharm-D students who have completed the first semester of the pharmacy program. Multidisciplinary foundation for future health professionals in the principles of diabetes management, using self-paced, modular and internet-based alternative format for delivery. S, F grading.	<b>(PharP 594) Comprehensive Diabetes Management 3</b> Prereq current PharD students who have completed the first semester of the pharmacy program. Multidisciplinary foundation for future health professionals in the principles of diabetes management, using self-paced, modular and internet-based alternative format for delivery. S, F grading.	8-10
PharD	595	Revise	<b>Emergency Preparedness and Public Health Response 1</b> Prereq	<b>(PharP 595) Emergency Preparedness and Public Health</b>	8-10

			<del>PharP 552</del> . Terrorism and disaster emergency preparedness and the role of the pharmacist in the public health response. S, F grading.	<b>Response 1</b> Prereq <u>PharD 544</u> . Terrorism and disaster emergency preparedness and the role of the pharmacist in the public health response. S, F grading.	
PharD	596	Revise	<b>Entrepreneurship in Pharmacy 1</b> Prereq <del>PharP 580 or 581</del> ; third or fourth year PharmD student. Entrepreneurship and innovative pharmacy business plan development. S, F grading.	<b>(PharP 596) Entrepreneurship in Pharmacy 1</b> Prereq <u>PharD 545</u> ; third or fourth year PharD student. Entrepreneurship and innovative pharmacy business plan development. S, F grading.	8-10
PharD	597	Revise	<b>Case Studies in Neonatal Pharmacy 1</b> Prereq admission to the PharmD program. Case-based approach to pharmacological issues in the neonatal intensive care unit. S, F grading.	<b>(PharP 597) Case Studies in Neonatal Pharmacy 1</b> Prereq admission to the PharD program. Case-based approach to pharmacological issues in the neonatal intensive care unit. S, F grading.	8-10
PharD	598	Revise	<b>Elementary Science Education Practicum 1 (0-2)</b> Prereq third year PharmD student. Prereq third year PharmD student. Communication with children in classroom environment to stimulate future practicing pharmacists to participate in outreach activities as part of science education.	<b>(PharP 598) Elementary Science Education Practicum 1 (0-2)</b> Prereq third year PharD student. Communication with children in classroom environment to stimulate future practicing pharmacists to participate in outreach activities as part of science education.	8-10
PharD	599	Revise	<b>Special Projects 2</b> May be repeated for credit; cumulative maximum 4 hours. Laboratory research, clinical research, or comprehensive review of selected subjects. S, F grading.	<b>(PharP 599) Special Projects 2</b> May be repeated for credit; cumulative maximum 4 hours. Laboratory research, clinical research, or comprehensive review of selected subjects. S, F grading.	8-10