

## MEMORANDUM

TO: Deans and Chairs

FROM: Becky Bitter, Sr. Assistant Registrar

DATE: January 27, 2020

SUBJECT: Minor Change Bulletin No. 8

The courses listed below reflect the minor curricular changes approved by the catalog editor since approval of the last Minor Change Bulletin. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	Revise Drop	Current	Proposed	Effective Date
AG ED	471	Revise	<b>Student Organizations in Agricultural Education 2</b> <del>Course Prerequisite: Concurrent enrollment AG ED 450.</del> Role of Future Farmers of America (FFA) in student organizations; role of advisor; principles of leadership; characteristics of successful FFA chapters. Course equivalent to OSU's Ag 421/521. Typically offered Fall.	<b>Student Organizations in Agricultural Education 2</b> Role of Future Farmers of America (FFA) in student organizations; role of advisor; principles of leadership; characteristics of successful FFA chapters. Course equivalent to OSU's Ag 421/521. Typically offered Fall.	5-20
ANTH / <del>CES</del> / AIS	320 / <del>377</del>	Revise	<b>[DIVR] Native Peoples of North America 3</b> A holistic exploration of various indigenous peoples and cultures of North America, through the lens of anthropology. (Crosslisted course offered as ANTH 320, AIS 320, <del>CES 377</del> ). Typically offered Fall.	<b>[DIVR] Native Peoples of North America 3</b> A holistic exploration of various indigenous peoples and cultures of North America, through the lens of anthropology. (Crosslisted course offered as ANTH 320, AIS 320). Typically offered Fall.	8-20
ANTH / AIS / <del>CES</del>	327 / <del>378</del>	Revise	<b>[DIVR] Contemporary Native Peoples of the Americas 3</b> Contemporary cultures of Native American communities emphasizing North America. (Crosslisted course offered as ANTH 327, AIS 327, <del>CES 378</del> ). Recommended preparation: ANTH 101 or CES 171. Typically offered Spring.	<b>[DIVR] Contemporary Native Peoples of the Americas 3</b> Contemporary cultures of Native American communities emphasizing North America. (Crosslisted course offered as ANTH 327, AIS 327.) Recommended preparation: ANTH 101 or CES 171. Typically offered Spring.	8-20

<b>ECONS / I BUS</b>	<b>327 / 470</b>	<b>Revise</b>	<b>International Trade and Finance 3</b> Course Prerequisite: ECONS 101 or 198; ECONS 102 or 198. Analysis and description of international trade flows; commercial policy; multinational firms, foreign exchange markets; open economy macroeconomics; international monetary systems. (Crosslisted course offered as ECONS 327, I BUS 470). Typically offered Fall and Spring.	<b>International Trade and Finance 3</b> Course Prerequisite: ECONS 101 or 198; ECONS 102 or 198. Analysis and description of international trade flows; commercial policy; multinational firms, foreign exchange markets; open economy macroeconomics; international monetary systems. (Crosslisted course offered as ECONS 327, I BUS 470).	<b>8-20</b>
<b>ENGLISH</b>	<b>580</b>	<b>Revise</b>	<b>Seminar in Medieval Literature 3</b> May be repeated for credit; cumulative maximum 6 hours. The literature of western Europe from 450 to 1500. Typically offered Fall and Spring.	<b>Seminar in Medieval Literature 3</b> May be repeated for credit; cumulative maximum 6 hours. The literature of western Europe from 450 to 1500. Typically offered Fall and Spring. <u>Cooperative: Open to UI degree-seeking students.</u>	<b>1-20</b>
<b>HBM</b>	<b>101</b>	<b>Revise</b>	<b>Professional Development for the Business World 1</b> Preparation for employment in today's business environment; focus on career/professional development (resume and cover letter development, interview skills, career services, professional expectations, networking, and etiquette). Typically offered Fall, Spring, and Summer.	<b>Professional and Career Development for the Business World 1</b> Preparation for employment in today's business environment; focus on career/professional development (resume and cover letter development, interview skills, career services, professional expectations, networking, and etiquette). Typically offered Fall, Spring, and Summer.	<b>8-20</b>
<b>HBM</b>	<b>375</b>	<b>Revise</b>	<b>Introduction to Senior Living Management 3</b> Introduction to the unique aspects of managing senior housing communities. Field trip required. Typically offered Spring.	<b>Introduction to Senior Living Management 3</b> Introduction to the unique aspects of managing senior housing communities. Field trip required. Typically offered <u>Fall and Spring.</u>	<b>8-20</b>
<b>I BUS</b>	<b>498</b>	<b>Revise</b>	<b>International Business Internship V 2-15</b> May be repeated for credit; cumulative maximum 15 hours. Course Prerequisite: By department permission. Cooperative educational internship with a business, government or non-	<b>International Business Internship V 2-15</b> May be repeated for credit; cumulative maximum 15 hours. Course Prerequisite: By department permission. Cooperative educational internship with a business, government or non-	<b>8-20</b>

			profit organization. Typically offered <del>Fall, Spring, and Summer</del> . S, F grading.	profit organization. S, F grading.	
<b>I BUS</b>	<b>499</b>	<b>Revise</b>	<b>Special Problems V 1-4</b> May be repeated for credit. Course Prerequisite: By department permission. Independent study conducted under the jurisdiction of an approving faculty member; may include independent research studies in technical or specialized problems; selection and analysis of specified readings; development of a creative project; or field experiences. Typically offered <del>Fall, Spring, and Summer</del> . S, F grading.	<b>Special Problems V 1-4</b> May be repeated for credit. Course Prerequisite: By department permission. Independent study conducted under the jurisdiction of an approving faculty member; may include independent research studies in technical or specialized problems; selection and analysis of specified readings; development of a creative project; or field experiences. S, F grading.	<b>8-20</b>
<b>KINES</b>	<b>201</b>	<b>Revise</b>	<b>[HUM] Exploring Meaning in Sport and Movement 3</b> Introduction to the major theoretical perspectives in the philosophy of sport and movement. Typically offered Fall.	<b>[HUM] Exploring Meaning in Sport and Movement 3</b> Introduction to the major theoretical perspectives in the philosophy of sport and movement. Typically offered Fall <u>and Spring</u> .	<b>8-20</b>
<b>KINES</b>	<b>264</b>	<b>Revise</b>	<b>Fitness Concepts 3 (2-3)</b> Course Prerequisite: BIOLOGY 315 with a C or better, or KINES 262 with a C or better. Physiological, mechanical, and health-related basis of fitness practices. Typically offered Fall, Spring, <del>and Summer</del> .	<b>Fitness Concepts 3 (2-3)</b> Course Prerequisite: BIOLOGY 315 with a C or better, or KINES 262 with a C or better. Physiological, mechanical, and health-related basis of fitness practices. Typically offered Fall <u>and Spring</u> .	<b>8-20</b>
<b>KINES</b>	<b>266</b>	<b>Revise</b>	<b>Prevention and Management of Activity-Related Injuries 3</b> Course Prerequisite: BIOLOGY 315 with a C or better, or KINES 262 with a C or better. Prevention and management strategies for common activity-related injuries and illnesses for the non-health care provider. Typically offered Fall, Spring, <del>and Summer</del> .	<b>Prevention and Management of Activity-Related Injuries 3</b> Course Prerequisite: BIOLOGY 315 with a C or better, or KINES 262 with a C or better. Prevention and management strategies for common activity-related injuries and illnesses for the non-health care provider. Typically offered Fall <u>and Spring</u> .	<b>8-20</b>
<b>KINES</b>	<b>314</b>	<b>Drop</b>	<b>Philosophical Dimensions of Human Movement 3</b> Course Prerequisite: Certified major in Sport Science or Sports	--N/A--	<b>8-20</b>

			Medicine. The philosophical dimensions of human movement. Typically offered Fall, Spring, and Summer.		
<b>KINES</b>	<b>361</b>	<b>Drop</b>	<b>Health and Wellness 3</b> Course Prerequisite: Admitted to the major in Sport Science or Sports Medicine. Knowledge of the multi-dimensional aspects of wellness and concepts necessary for a positive lifestyle through self-assessment. Typically offered Fall and Spring.	--N/A--	<b>8-20</b>
<b>KINES</b>	<b>411</b>	<b>Revise</b>	<b>Advanced Strength Training 3</b> Course Prerequisite: BIOLOGY 315 with a C or better or KINES 262 with a C or better; KINES 264 with a C or better; KINES 311 with a C or better. Advanced strength training, including an in-depth look at programming of strength and fitness programs. Typically offered Fall, Spring, <del>and</del> <b>Summer</b> .	<b>Advanced Strength Training 3</b> Course Prerequisite: BIOLOGY 315 with a C or better or KINES 262 with a C or better; KINES 264 with a C or better; KINES 311 with a C or better. Advanced strength training, including an in-depth look at programming of strength and fitness programs. Typically offered Fall <u>and</u> Spring.	<b>8-20</b>
<b>KINES</b>	<b>481</b>	<b>Drop</b>	<b>Health Education Methods 3</b> Course Prerequisite: KINES 361 with C or better; TCH LRN 464 with C or better, or concurrent enrollment; TCH LRN 465 with C or better, or concurrent enrollment; certified elementary or secondary education major; junior standing. Basic principles, theory, and practices of public school health education teaching methods for K-12 public school pre-service teachers. Typically offered Fall.	--N/A--	<b>8-20</b>
<b>MATH</b>	<b>464</b>	<b>Revise</b>	<b>[CAPS] Linear Optimization 3</b> Course Prerequisite: MATH 273 or MATH 283. Linear and integer programming; optimization problems; applications to economic and military strategies; rectangular games; minimax theory. Typically offered Spring.	<b>[CAPS] Linear Optimization 3</b> Course Prerequisite: MATH 273 or MATH 283. Linear and integer programming; optimization problems; applications to economic and military strategies; rectangular games; minimax theory. <u>Recommended preparation:</u>	<b>8-20</b>

				<u>MATH 301</u> . Typically offered Spring.	
<b>MGMT</b>	<b>101</b>	<b>Revise</b>	<del><b>Introduction to Business 3</b></del> Enrollment not allowed if credit for <del>MGMT 301 or MKTG 360</del> already earned. Introduction to the practice of business with explanations of business environments, strategy, organization, functional areas, terminology, processes, tasks and ethics. Credit not allowed for MGMT 101 if credit already earned in <del>MGMT 301 and/or MKTG 360</del> . Typically offered Fall and Spring.	<b><u>Fundamentals of Business 3</u></b> Enrollment not allowed if credit for <u>B A 100</u> already earned. Introduction to the practice of business with explanations of business environments, strategy, organization, functional areas, terminology, processes, tasks and ethics. Credit not allowed for MGMT 101 if credit already earned in <u>B A 100</u> . Typically offered Fall and Spring.	<b>8-20</b>
<b>MKTG</b>	<b>479</b>	<b>Revise</b>	<del><b>Advanced Professional Sales 3</b></del> Course Prerequisite: MKTG 379. Advanced theory and principles of professional sales with special attention to the business-to-business market and an emphasis on the application of theory and principles to selling skills. Typically offered Spring.	<b><u>Advanced Professional Sales 3</u></b> Course Prerequisite: MKTG 379. Advanced theory and principles of professional sales with special attention to the business-to-business market and an emphasis on the application of theory and principles to selling skills.	<b>8-20</b>
<b>NAV SCI</b>	<b>104</b>	<b>Revise</b>	<del><b>Seapower and Maritime Affairs 3</b></del> An overview of U.S. naval history; seapower and maritime affairs beginning with the Continental Navy to present-day naval history.	<b><u>Seapower and Maritime Affairs 3</u></b> An overview of U.S. naval history; seapower and maritime affairs beginning with the Continental Navy to present-day naval history. (Formerly <u>NAV SCI 202.</u> )	<b>8-19</b>
<b>NAV SCI</b>	<b>205</b>	<b>Revise</b>	<del><b>Navigation 3</b></del> Theory, principles, and procedures of terrestrial and electronic navigation, and rules of the nautical road.	<b><u>Navigation 3</u></b> Theory, principles, and procedures of terrestrial and electronic navigation, and rules of the nautical road. (Formerly <u>NAV SCI 301.</u> )	<b>8-19</b>
<b>NAV SCI</b>	<b>206</b>	<b>Revise</b>	<del><b>Naval Leadership and Management 3</b></del> Theories of management and management resources, motivational theories, and leadership.	<b><u>Naval Leadership and Management 3</u></b> Theories of management and management resources, motivational theories, and leadership. (Formerly <u>NAV SCI 401.</u> )	<b>8-19</b>
<b>NAV SCI</b>	<b>303</b>	<b>Revise</b>	<del><b>Ships Systems I 3</b></del> Introduction to Naval shipboard engineering	<b><u>Ships Systems I 3</u></b> Introduction to Naval shipboard engineering	<b>8-19</b>

			systems; propulsion systems; nuclear, gas, turbine, and conventional; auxiliary systems and shipboard damage control; basic concepts in ship design.	systems; propulsion systems; nuclear, gas, turbine, and conventional; auxiliary systems and shipboard damage control; basic concepts in ship design. (Formerly NAV SCI 102.)	
NAV SCI	304	Revise	<b>Ships Systems II 3</b> Naval weapons; theory and process of detection (radar and sonar), evaluation; delivery, guidance, and explosives; integration of weapons systems with command, control, and communications systems.	<b>Ships Systems II 3</b> Naval weapons; theory and process of detection (radar and sonar), evaluation; delivery, guidance, and explosives; integration of weapons systems with command, control, and communications systems. (Formerly NAV SCI 201.)	8-19
NAV SCI	406	Revise	<b>Naval Operations 3</b> Course Prerequisite: NAV SCI 301. Naval operations and tactics, relative motion, and Maneuvering Boards.	<b>Naval Operations 3</b> Course Prerequisite: NAV SCI 301. Naval operations and tactics, relative motion, and Maneuvering Boards. (Formerly NAV SCI 302.)	8-19
PHARDSCI	502	Revise	<b>Integrated Pharmacology I 4</b> Course Prerequisite: Admission to Pharmacy program. Integrated autonomic and central nervous system pharmacology. Typically offered Fall. H, S, F grading.	<b>Integrated Pharmacology I 4</b> Integrated autonomic and central nervous system pharmacology. Typically offered Fall. H, S, F grading.	8-19
PHARDSCI	504	Revise	<b>Pharmacy Calculations 1 (0-2)</b> Course Prerequisite: Admission to Pharmacy program. The mathematics of prescription preparation and dispensing. Typically offered Fall and Summer. H, S, F grading.	<b>Pharmacy Calculations 1 (0-2)</b> The mathematics of prescription preparation and dispensing. Typically offered Fall and Summer. H, S, F grading.	8-19
PHARDSCI	508	Revise	<b>Pharmaceutics I 3</b> Course Prerequisite: Admission to Pharmacy program. Principles of dosage from design and drug delivery, with an emphasis on physiochemical principles. Typically offered Fall. H, S, F grading.	<b>Pharmaceutics I 3</b> Principles of dosage from design and drug delivery, with an emphasis on physiochemical principles. Typically offered Fall. H, S, F grading.	8-19
PHARDSCI	510	Revise	<b>Basic and Clinical Pharmacogenomics 2</b> Course Prerequisite: Admission to Pharmacy program. Introduction	<b>Basic and Clinical Pharmacogenomics 2</b> Introduction to the science involving pharmacogenomics	8-19

			to the science involving pharmacogenomics and how this knowledge is clinically applied to individualized patient therapy. Typically offered Spring. H, S, F grading.	and how this knowledge is clinically applied to individualized patient therapy. Typically offered Spring. H, S, F grading.	
PHARDSCI	512	Revise	<b>Integrated Pharmacology II 4 Course Prerequisite:</b> PHARDSCI 502. Integrated hepatic, gastrointestinal, and endocrine pharmacology. Typically offered Spring. H, S, F grading.	<b>Integrated Pharmacology II 4</b> Integrated hepatic, gastrointestinal, and endocrine pharmacology. Typically offered Spring. H, S, F grading.	8-19
PHARDSCI	518	Revise	<b>Pharmaceutics II 2 Course Prerequisite:</b> PHARDSCI 508. Principles of dosage from design and drug delivery, with an emphasis on pharmaceutical technology and biopharmaceutics. Typically offered Spring. H, S, F grading.	<b>Pharmaceutics II 2 Principles</b> of dosage from design and drug delivery, with an emphasis on pharmaceutical technology and biopharmaceutics. Typically offered Spring. H, S, F grading.	8-19
PHARDSCI	519	Revise	<b>Pharmaceutics Laboratory 1 (0-3) Course Prerequisite:</b> PHARDSCI 504; PHARDSCI 508. Laboratory experience in the preparation of medicines. Typically offered Spring. H, S, F grading.	<b>Pharmaceutics Laboratory 1 (0-3)</b> Laboratory experience in the preparation of medicines. Typically offered Spring. H, S, F grading.	8-19
PHARDSCI	528	Revise	<b>Pharmacokinetics 3 Course Prerequisite:</b> Admission to Pharmacy program. Qualitative and quantitative understanding of the processes of drug absorption, distribution, and elimination. Typically offered Fall. H, S, F grading.	<b>Pharmacokinetics 3</b> Qualitative and quantitative understanding of the processes of drug absorption, distribution, and elimination. Typically offered Fall. H, S, F grading.	8-19
PHARDSCI	532	Revise	<b>Integrated Pharmacology III 4 Course Prerequisite:</b> PHARDSCI 512. Integrated cardiovascular, pulmonary, and renal pharmacology. Typically offered Fall. H, S, F grading.	<b>Integrated Pharmacology III 4</b> Integrated cardiovascular, pulmonary, and renal pharmacology. Typically offered Fall. H, S, F grading.	8-19
PHARDSCI	542	Revise	<b>Integrated Pharmacology IV 4 Course Prerequisite:</b> PHARDSCI 532. Integrated immuno- and anticancer	<b>Integrated Pharmacology IV 4</b> Integrated immuno- and anticancer pharmacology. Typically offered Spring. H, S, F grading.	8-19

			pharmacology. Typically offered Spring. H, S, F grading.		
PHARDSCI	547	Revise	<b>Drug Development 2 Course</b> <del>Prerequisite: PHARMACY 516.</del> Principles of drug design from the most initial stage of conception to the final product as a drug. Typically offered Spring. H, S, F grading.	<b>Drug Development 2</b> Principles of drug design from the most initial stage of conception to the final product as a drug. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	501	Revise	<b>Applied Patient Care I: Patient Assessment 1 (0-3) Course</b> <del>Prerequisite: Admission to Pharmacy program.</del> Laboratory course teaching hands-on physical assessment techniques from a pharmacy perspective, to provide patient-specific care. Typically offered Spring. H, S, F grading.	<b>Applied Patient Care I: Patient Assessment 1 (0-3)</b> Laboratory course teaching hands-on physical assessment techniques from a pharmacy perspective, to provide patient-specific care. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	506	Revise	<b>Student Success and Professional Development I 1 Course</b> <del>Prerequisite: Admission to Pharmacy program.</del> Introduction to the essential skills, attitudes, and values for practicing health care professionals. Typically offered Fall. S, F grading.	<b>Student Success and Professional Development I 1</b> Introduction to the essential skills, attitudes, and values for practicing health care professionals. Typically offered Fall. S, F grading.	8-19
PHARMACY	507	Revise	<b>Introduction to Therapeutic Agents: Top 200 Drugs 1 (0-2) Course</b> <del>Prerequisite: Admission to Pharmacy program.</del> Drugs most frequently prescribed in the US as a basis for pharmacy practice. Typically offered Fall. H, S, F grading.	<b>Introduction to Therapeutic Agents: Top 200 Drugs 1 (0-2)</b> Drugs most frequently prescribed in the US as a basis for pharmacy practice. Typically offered Fall. H, S, F grading.	8-19
PHARMACY	509	Revise	<b>Professional Communications Lab 1 (0-3) Course</b> <del>Prerequisite: Admission to Pharmacy program.</del> Professional communication skills as an essential foundation for career development. Typically offered Fall. H, S, F grading.	<b>Professional Communications Lab 1 (0-3)</b> Professional communication skills as an essential foundation for career development. Typically offered Fall. H, S, F grading.	8-19
PHARMACY	513	Revise	<b>Introductory Pharmacy Practice Experience I 1 Course</b> <del>Prerequisite: PHARDSCI 504.</del>	<b>Introductory Pharmacy Practice Experience I 1</b> Prepares student pharmacists for	8-19



			Prepares student pharmacists for community practice experience and service learning activities. Typically offered Spring. H, S, F grading.	community practice experience and service learning activities. Typically offered Spring. H, S, F grading.	
PHARMACY	514	Revise	<b>Pharmacotherapy I 4 Course</b> <del>Prerequisite: PHARDSCI 502; PHARMACY 507.</del> First in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Spring. H, S, F grading.	<b>Pharmacotherapy I 4</b> First in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	516	Revise	<b>Health Care Systems 2 Course</b> <del>Prerequisite: Admission to Pharmacy program.</del> US healthcare system, financing of health care delivery and the role of the pharmacist. Typically offered Fall. H, S, F grading.	<b>Health Care Systems 2 US</b> healthcare system, financing of health care delivery and the role of the pharmacist. Typically offered Fall. H, S, F grading.	8-19
PHARMACY	530	Revise	<b>Point of Care and Clinical Services 2 Course</b> <del>Prerequisite: PHARDSCI 504; PHARMACY 501; PHARMACY 513.</del> Providing point of care and clinical services in a pharmacy setting. Typically offered Fall. H, S, F grading.	<b>Point of Care and Clinical Services 2</b> Providing point of care and clinical services in a pharmacy setting. Typically offered Fall. H, S, F grading.	8-19
PHARMACY	531	Revise	<b>Applied Patient Care II: Clinical Assessment and Documentation 1 (0-3) Course</b> <del>Prerequisite: PHARDSCI 504; PHARMACY 501.</del> Clinical assessment and documentation skills necessary for effective pharmaceutical care. Typically offered Fall. H, S, F grading.	<b>Applied Patient Care II: Clinical Assessment and Documentation 1 (0-3)</b> Clinical assessment and documentation skills necessary for effective pharmaceutical care. Typically offered Fall. H, S, F grading.	8-19
PHARMACY	533	Revise	<b>Introductory Pharmacy Practice Experience II 3 (0-9) Course</b> <del>Prerequisite: PHARDSCI 504; PHARMACY 513.</del> Authentic practice situations and service learning with opportunities for discussion and reflection. Typically offered Fall. S, F grading.	<b>Introductory Pharmacy Practice Experience II 3 (0-9)</b> Authentic practice situations and service learning with opportunities for discussion and reflection. Typically offered Fall. S, F grading.	8-19

PHARMACY	534	Revise	<b>Pharmacotherapy II 4 Course</b> <del>Prerequisite: PHARDSCI 512; PHARMACY 514.</del> Second in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Fall. H, S, F grading.	<b>Pharmacotherapy II 4 Second</b> in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Fall. H, S, F grading.	8-19
PHARMACY	536	Revise	<b>Student Success and Professional Development II 1 Course</b> <del>Prerequisite: Admission to Pharmacy program.</del> Continuing development of the essential skills, attitudes, and values for practicing health care professionals. Typically offered Fall. S, F grading.	<b>Student Success and Professional Development II 1</b> Continuing development of the essential skills, attitudes, and values for practicing health care professionals. Typically offered Fall. S, F grading.	8-19
PHARMACY	541	Revise	<b>Applied Patient Care III: Medication Therapy Management 1 (0-3) Course</b> <del>Prerequisite: PHARMACY 531.</del> Identification of pertinent patient findings, assessment of drug-related problems and clinical problem solving. Typically offered Spring. H, S, F grading.	<b>Applied Patient Care III: Medication Therapy Management 1 (0-3)</b> Identification of pertinent patient findings, assessment of drug-related problems and clinical problem solving. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	543	Revise	<b>Introductory Pharmacy Practice Experience III 1 Course</b> <del>Prerequisite: PHARMACY 533.</del> Authentic practice situations and service learning with opportunities for discussion and reflection. Typically offered Spring. H, S, F grading.	<b>Introductory Pharmacy Practice Experience III 1</b> Authentic practice situations and service learning with opportunities for discussion and reflection. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	544	Revise	<b>Pharmacotherapy III 4 Course</b> <del>Prerequisite: PHARMACY 534.</del> Third in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Spring. H, S, F grading.	<b>Pharmacotherapy III 4 Third</b> in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	545	Revise	<b>Pharmacy Management 3 Course</b> <del>Prerequisite: Admission to Pharmacy program.</del>	<b>Pharmacy Management 3</b> Management principles essential for common practice	8-19

			Management principles essential for common practice settings in the profession of pharmacy. Typically offered Fall. H, S, F grading.	settings in the profession of pharmacy. Typically offered Fall. H, S, F grading.	
PHARMACY	551	Revise	<b>Applied Patient Care IV: Advanced Medication Therapy Management 2 (1-3)</b> <del>Course Prerequisite: PHARMACY 541.</del> Medication therapy management for complex patients; case-based discussions and human patient simulation. Typically offered Fall. H, S, F grading.	<b>Applied Patient Care IV: Advanced Medication Therapy Management 2 (1-3)</b> Medication therapy management for complex patients; case-based discussions and human patient simulation. Typically offered Fall. H, S, F grading.	8-19
PHARMACY	553	Revise	<b>Introductory Pharmacy Practice Experience IV 3 (0-9)</b> <del>Course Prerequisite: PHARMACY 543.</del> Authentic practice situations and service learning with opportunities for discussion and reflection. Typically offered Fall. S, F grading.	<b>Introductory Pharmacy Practice Experience IV 3 (0-9)</b> Authentic practice situations and service learning with opportunities for discussion and reflection. Typically offered Fall. S, F grading.	8-19
PHARMACY	554	Revise	<b>Pharmacotherapy IV 4</b> <del>Course Prerequisite: PHARMACY 544.</del> Fourth in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Fall. H, S, F grading.	<b>Pharmacotherapy IV 4</b> Fourth in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Fall. H, S, F grading.	8-19
PHARMACY	555	Revise	<b>Drug Information and Literature Evaluation 4</b> <del>Course Prerequisite: PHARMACY 544.</del> Evaluation of drug information in pharmaceutical and biomedical literature to provide better patient care. Typically offered Spring. H, S, F grading.	<b>Drug Information and Literature Evaluation 4</b> Evaluation of drug information in pharmaceutical and biomedical literature to provide better patient care. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	556	Revise	<b>Student Success and Professional Development III 1</b> <del>Course Prerequisite: Admission to Pharmacy program.</del> Enhanced development of the essential skills, attitudes, and values for	<b>Student Success and Professional Development III 1</b> Enhanced development of the essential skills, attitudes, and values for practicing health care professionals. Typically offered Fall. S, F grading.	8-19

			practicing health care professionals. Typically offered Fall. S, F grading.		
PHARMACY	557	Revise	<del>Pharmacotherapy V 4 Course</del> Prerequisite: PHARMACY 554. Fifth in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Spring. H, S, F grading.	<b>Pharmacotherapy V 4</b> Fifth in a sequence of courses that focuses on the clinical use of medications in the prevention, mitigation, or cure of disease. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	558	Revise	<b>Applied Clinical Pharmacokinetics 2 Course</b> Prerequisite: PHARDSCI 528. Clinical applications of pharmacokinetics including theoretical background and application to patient care. Typically offered Spring. H, S, F grading.	<b>Applied Clinical Pharmacokinetics 2</b> Clinical applications of pharmacokinetics including theoretical background and application to patient care. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	559	Revise	<b>Quality Assurance and Patient Safety 2 Course</b> Prerequisite: <del>PHARMACY 531;</del> <del>PHARMACY 534.</del> Patient safety issues including quality assurance, medication error avoidance and risk management in healthcare systems. Typically offered Spring. H, S, F grading.	<b>Quality Assurance and Patient Safety 2</b> Patient safety issues including quality assurance, medication error avoidance and risk management in healthcare systems. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	561	Revise	<b>Applied Patient Care V: Integrated Patient Care 2 (1-3) Course</b> Prerequisite: <del>PHARMACY 551.</del> Integration of pharmaceutical care with an interdisciplinary emphasis using patient cases and human patient simulation. Typically offered Spring. H, S, F grading.	<b>Applied Patient Care V: Integrated Patient Care 2 (1-3)</b> Integration of pharmaceutical care with an interdisciplinary emphasis using patient cases and human patient simulation. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	563	Revise	<b>Introductory Pharmacy Practice Experience V 2 Course</b> Prerequisite: <del>PHARMACY 553.</del> Authentic practice situations and service learning with opportunities for discussion and reflection. Typically offered Spring. H, S, F grading.	<b>Introductory Pharmacy Practice Experience V 2</b> Authentic practice situations and service learning with opportunities for discussion and reflection. Typically offered Spring. H, S, F grading.	8-19

PHARMACY	564	Revise	<b>Pharmacy Law and Regulatory Affairs 3 Course</b> <del>Prerequisite: PHARMACY 551; PHARMACY 553.</del> Legal and ethical pharmacy practice including licensing, patient privacy protection, order fulfillment and contracts. Typically offered Spring. H, S, F grading.	<b>Pharmacy Law and Regulatory Affairs 3</b> Legal and ethical pharmacy practice including licensing, patient privacy protection, order fulfillment and contracts. Typically offered Spring. H, S, F grading.	8-19
PHARMACY	566	Revise	<b>Therapeutics of Special Populations 3 Course</b> <del>Prerequisite: PHARMACY 544.</del> Special therapeutic needs of unique populations including pediatrics, chronic neurologic disorders, hospice care and immuno-compromised patients. Typically offered Fall. H, S, F grading.	<b>Therapeutics of Special Populations 3</b> Special therapeutic needs of unique populations including pediatrics, chronic neurologic disorders, hospice care and immuno-compromised patients. Typically offered Fall. H, S, F grading.	8-19
VET MED	562	Revise	<del><b>Complementary and Alternative Veterinary Medicine 1</b></del> Presentation of <del>complementary and alternative</del> veterinary medicine theories <del>and techniques</del> . Typically offered Spring. S, M, F grading.	<b>Integrative Veterinary Medicine 1</b> Presentation of <u>integrative</u> veterinary medicine theories, <u>modalities, and applications</u> . Typically offered Spring. S, M, F grading.	8-20