

# MEMORANDUM

**Faculty Senate Approved September 26, 2013**

TO: Deans and Chairs  
 FROM: Becky Bitter, Assistant Registrar  
 DATE: September 17, 2013  
 SUBJECT: Minor Change Bulletin No. 1

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	New Revise Drop	Current	Proposed	Effective Date
ACCTG	439	Revise	[M] Auditing 3 Course Prerequisite: ACCTG 330; certified major or minor in the College of Business. Nature of auditing, generally accepted auditing standards, and audit procedures as related to auditing of financial statements by independent accountants. <del>Recommended preparation: ACCTG 433.</del>	[M] Auditing 3 Course Prerequisite: ACCTG 330; <u>ACCTG 433</u> ; certified major or minor in the College of Business. Nature of auditing, generally accepted auditing standards, and audit procedures as related to auditing of financial statements by independent accountants.	1-14
ACCTG	540	Revise	<b>Corporate Taxation</b> 3 Course Prerequisite: Admission to the Master of Accounting program. Application of federal tax provisions and rules pertaining to corporations, <del>including S corporations</del> ; tax planning and consequences of corporate decisions.	<b>Corporate Taxation</b> 3 Course Prerequisite: Admission to the Master of Accounting program. Application of federal tax provisions and rules pertaining to corporations <u>and shareholders</u> ; tax planning and consequences of corporate decisions.	1-14
AMDT	440	Revise	<del>Advanced Retail Management</del> 3 (2-2) Advanced application of management principles and theory in the retail world.	<u>Advanced Management Skills</u> 3 (2-2) Advanced application of management principles and theory in the retail world.	1-14
AMDT	490	Revise	<b>Cooperative Education Internship</b> V <del>4 (0-0) to 10 (0-30)</del> May be repeated for credit; cumulative maximum	<b>Cooperative Education Internship</b> V <u>1 (0-3) to 6 (0-18)</u> May be repeated for credit; cumulative maximum	1-14

			12 hours. Course Prerequisite: AMDT 488. Experience with business, industry or government unit.	12 hours. Course Prerequisite: AMDT 488. Experience with business, industry or government unit.	
<b>BIOLOGY</b>	<b>101</b>	<b>Revise</b>	<b>[BSCI] [B] Biology of Humans 3</b> The biology of good health and longevity; evaluation of lifestyle choices; consideration of each body system and the potential for disease and disorder. <del>Lecture only; not for students majoring in the life sciences. Credit granted only to students who have not completed BIOLOGY 102. Credit not granted to students who have already completed BIOLOGY 106 and/or 107. Students who declare a major requiring BIOLOGY 106 and/or 107 will need to complete those courses for credit toward their major.</del>	<b>[BSCI] [B] Biology of Humans 3</b> The biology of good health and longevity; evaluation of lifestyle choices; consideration of each body system and the potential for disease and disorder. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u>	<b>1-14</b>
<b>BIOLOGY</b>	<b>102</b>	<b>Revise</b>	<b>[BSCI] [B] General Biology 4 (3-3)</b> Understanding current and future advances in biology as 'citizen scientists'. Lecture and laboratory; <del>not for students majoring in the life sciences. Credit granted only to students who have not already completed BIOLOGY 101, 105, or BIOLOGY 101 and 105. Credit not granted to students who have already completed BIOLOGY 106 and/or 107. Students who declare a major requiring BIOLOGY 106 and/or 107 will need to complete those courses for credit toward their major.</del>	<b>[BSCI] [B] General Biology 4 (3-3)</b> Understanding current and future advances in biology as 'citizen scientists'. Lecture and laboratory. Credit granted only to students who have not already completed BIOLOGY 105. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u>	<b>1-14</b>
<b>BIOLOGY</b>	<b>105</b>	<b>Revise</b>	<b>[B] General Biology Laboratory 1 (0-3)</b> Course Prerequisite: Junior standing. Understanding biology as a science and its effect on issues within society. Laboratory only; <del>not for students</del>	<b>[B] General Biology Laboratory 1 (0-3)</b> Course Prerequisite: Junior standing. Understanding biology as a science and its effect on issues within society. Laboratory only. Credit granted only to	<b>1-14</b>

			<p>majoring in the life sciences. Credit granted only to students who have not already completed BIOLOGY 102. <del>Credit not granted to students who have already completed BIOLOGY 106 and/or 107. Students who declare a major requiring BIOLOGY 106 and/or 107 will need to complete those courses for credit toward their major.</del></p>	<p>students who have not already completed BIOLOGY 102. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u></p>	
BIOLOGY	110	Revise	<p><del>[BSCI] Scientific Perspective on Global Issues 3-Course</del>  Prerequisite: For non-science majors. Current case studies of human interaction with the environment exploring concepts in ecology, biodiversity, global chemical cycles, and climate change.</p>	<p><b>[BSCI] Biological Perspectives on Environmental Issues 3</b>  Current case studies of human interaction with the environment exploring concepts in ecology, biodiversity, global chemical cycles, and climate change. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u></p>	1-14
BIOLOGY	111	Revise	<p><b>[BSCI] Laboratory Experiments in Biology and Genetics 1 (0-3)</b> Scientific method and its application to a diverse range of biology and genetics topics and research questions.</p>	<p><b>[BSCI] Laboratory Experiments in Biology and Genetics 1 (0-3)</b> Scientific method and its application to a diverse range of biology and genetics topics and research questions. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u></p>	1-14
BIOLOGY	120	Revise	<p><b>[BSCI] [B] Introductory Botany 4 (3-3)</b> Introduction to plant science, highlighting certain aspects of plant biology and current research and how these relate to us all in the modern world.</p>	<p><b>[BSCI] [B] Introductory Botany 4 (3-3)</b> Introduction to plant science, highlighting certain aspects of plant biology and current research and how these relate to us all in the modern world. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u></p>	1-14
BIOLOGY	125	Revise	<p><b>[BSCI] Genetics and Society 3</b> Genetic topics in media and daily life including human health, agriculture, ecology and forensics for the educated</p>	<p><b>[BSCI] Genetics and Society 3</b> Genetic topics in media and daily life including human health, agriculture, ecology and forensics for the educated</p>	1-14

			non-biologist.	non-biologist. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u>	
<b>BIOLOGY</b>	<b>130</b>	<b>Revise</b>	<b>[B] Biology of the Oceans 3</b> Survey of the ocean biosphere including physical and chemical aspects and the biology of marine organisms in specific marine environments.	<b>[B] Biology of the Oceans 3</b> Survey of the ocean biosphere including physical and chemical aspects and the biology of marine organisms in specific marine environments. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u>	<b>1-14</b>
<b>BIOLOGY</b>	<b>135</b>	<b>Revise</b>	<b>[BSCI] [B] Animal Natural History 3</b> Identification, life history, habitat relations, ecology, behavior, and conservation of animals commonly found in the Pacific Northwest.	<b>[BSCI] [B] Animal Natural History 3</b> Identification, life history, habitat relations, ecology, behavior, and conservation of animals commonly found in the Pacific Northwest. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u>	<b>1-14</b>
<b>BIOLOGY</b>	<b>140</b>	<b>Revise</b>	<b>[BSCI] [B] Introduction to Nutritional Science 3</b> Information related to dietary sources of nutrients, their functions in the body, physiologic and environmental factors that govern nutrient requirements, and guidelines for optimal dietary patterns.	<b>[BSCI] [B] Introduction to Nutritional Science 3</b> Information related to dietary sources of nutrients, their functions in the body, physiologic and environmental factors that govern nutrient requirements, and guidelines for optimal dietary patterns. <u>Credit not granted towards elective requirements for majors in the School of Biological Sciences.</u>	<b>1-14</b>
<b>COM</b>	<b>245</b>	<b>Drop</b>	<b>Language and Human Behavior 3</b> Course Prerequisite: Sophomore standing. Theories of language as it influences human behavior in meaning production, problem solving and construction of social reality.	--N/A--	<b>1-14</b>
<b>COM</b>	<b>300</b>	<b>Revise</b>	<b>Writing in Communication 3</b> (2-3) Course Prerequisite: Certified major in	<b>Writing in Communication 3</b> (2-3) Course Prerequisite: Certified major <u>or minor</u> in	<b>1-14</b>

			Communication. Writing for a variety of communication professions, including advertising, broadcasting, print journalism, public relations, and science communication.	Communication. Writing for a variety of communication professions, including advertising, broadcasting, print journalism, public relations, and science communication.	
COM	320	Revise	<b>Visual Communication 3</b> Course Prerequisite: COM 210; certified major in Communication. Visual communication in today's print, electronic, and broadcast media to inform, educate, and persuade.	<b>Visual Communication 3</b> Course Prerequisite: COM 210; COM 300; certified major in Communication. Visual communication in today's print, electronic, and broadcast media to inform, educate, and persuade.	1-14
COMJOUR	333	Revise	<b>[M] Reporting Across Platforms 3</b> Course Prerequisite: Certified major in Communication. Instruction in reporting, writing and editing news stories <del>that are</del> suitable for publication and on-air presentation.	<b>[M] Reporting Across Platforms 3</b> Course Prerequisite: <u>COM 210; COM 300</u> ; certified major <u>or minor</u> in Communication. Instruction in reporting, writing and editing news stories suitable for publication and on-air presentation.	1-14
COMJOUR	350	Revise	<b>News and Society 3 (2-3)</b> Course Prerequisite: Certified major <del>or minor</del> in Communication. Fundamentals of historic, contemporary, and emerging models of news production; social contexts and effects, alternative sources, and critiques of news.	<b>News and Society 3 (2-3)</b> Course Prerequisite: Certified major in Communication. Fundamentals of historic, contemporary, and emerging models of news production; social contexts and effects, alternative sources, and critiques of news.	1-14
COMJOUR	351	Drop	<b>Broadcast Performance/Interpretation 3</b> Course Prerequisite: Certified major or minor in Communication. Voice and diction, interpretation of copy for broadcast.	--N/A--	1-14
COMJOUR	390	Revise	<del><b>Multimedia Content Creation 3 (2-3)</b></del> Course Prerequisite: COM 210; certified major in communication. Capture, design, edit, and compress quality video and audio; basic lighting techniques.	<b>Video for the Web 3 (2-3)</b> Course Prerequisite: COM 210; certified major in communication. Capture, design, edit, and compress quality video and audio; basic lighting techniques.	1-14

COMJOUR	465	Revise	[M] <b>Advanced Television News 3</b> (2-3) May be repeated for credit; cumulative maximum 6 hours. Course Prerequisite: COMJOUR <del>333</del> ; certified major in Communication. Writing, reporting, and editing broadcast news; development and production of broadcast quality news.	[M] <b>Advanced Television News 3</b> (2-3) May be repeated for credit; cumulative maximum 6 hours. Course Prerequisite: COMJOUR <u>335</u> ; certified major in Communication. Writing, reporting, and editing broadcast news; development and production of broadcast quality news.	1-14
COMJOUR	475	Revise	<b>Murrow News Service 3</b> May be repeated for credit; cumulative maximum 9 hours. Course Prerequisite: COMJOUR <del>425, 455, or 465</del> ; certified major in Communication. Advanced journalism and media production to produce investigative, watchdog news reports for media outlets and public.	<b>Murrow News Service 3</b> May be repeated for credit; cumulative maximum 9 hours. Course Prerequisite: COMJOUR <u>335, 355, or 425</u> ; certified major in Communication. Advanced journalism and media production to produce investigative, watchdog news reports for media outlets and public.	1-14
COMSOC	235	Drop	<b>Organizational Communication 3</b> Course Prerequisite: Certified major or minor in Communication. Effective workplace communication principles and practices associated with managers and employees across a variety of industries.	--N/A--	1-14
COMSOC	301	Revise	<b>Foundations of Persuasion 3</b> Course Prerequisite: Certified major in Communication. Theories of persuasion and social action; study of strategies and techniques for the persuasive use of language and other symbols.	<b>Foundations of Persuasion 3</b> Course Prerequisite: Certified major <u>or minor</u> in Communication. Theories of persuasion and social action; study of strategies and techniques for the persuasive use of language and other symbols.	1-14
COMSOC	302	Drop	[C] <b>Advanced Public Speaking 3</b> Course Prerequisite: COM 102; certified in major. Advanced principles of public speaking and their practical implementation for effective communication.	--N/A--	1-14

COMSOC	324	Revise	[C] [M] Reasoning and Writing 3 Course Prerequisite: COM 210; certified major in Communication. Theories of persuasion and social action; study of strategies and techniques for the persuasive use of language and other symbols.	[C] [M] Reasoning and Writing 3 Course Prerequisite: COM 210; <u>COM 300</u> ; certified major in Communication. Theories of persuasion and social action; study of strategies and techniques for the persuasive use of language and other symbols.	1-14
COMSOC	335	Drop	Communication and Leadership in Contemporary Organizations 3 Course Prerequisite: COMSOC 235; COMSOC 324; certified major in Communication. Advanced concepts, models and methods for in-depth analysis of contemporary organizations.	--N/A--	1-14
COMSOC	485	Drop	Organizational Training and Consulting 3 Course Prerequisite: COMSOC 335; certified major in Communication. Develop and practice consulting and training skills relevant to a practical situation and apply organizational literature to a client.	--N/A--	1-14
COMSTRAT	310	Revise	Digital Content Promotion 3 Course Prerequisite: COM 210; certified major in communication. Practice and promotion of public relations and advertising through digital and social media.	Digital Content Promotion 3 Course Prerequisite: COM 210; <u>COM 300</u> ; certified major in communication. Practice and promotion of public relations and advertising through digital and social media.	1-14
COMSTRAT	312	Revise	Principles of Public Relations 3 Course Prerequisite: Certified major or minor in communication. Principles, theories, methods and objectives of public relations; public relations problems and practices.	Principles of Public Relations 3 Course Prerequisite: <u>COM 300</u> ; certified major in communication. Principles, theories, methods and objectives of public relations; public relations problems and practices.	1-14
COMSTRAT	370	Drop	Crisis Communication 3	--N/A--	1-14

			Course Prerequisite: Certified major in Communication. Preparation to lead in crisis communication occupations.		
COMSTRAT	381	Revise	[M] <b>Creative Media Strategies and Techniques</b> 3 Course Prerequisite: COM 210; certified major in Communication. Development of creative content for persuasive campaigns through different media.	[M] <b>Creative Media Strategies and Techniques for Advertising</b> 3 Course Prerequisite: COM 210; <u>COM 300</u> ; certified major in Communication. Development of creative content for persuasive campaigns through different media.	1-14
CPT S	224	Revise	<b>Programming Tools</b> 2 Course Prerequisite: CPT S 122 with a C or better. Debugging tools, scripting languages, UNIX programming tools; <del>introduction to graphical user interface programming.</del>	<b>Programming Tools</b> 2 Course Prerequisite: CPT S 122 with a C or better. Debugging tools, scripting languages, UNIX programming tools.	1-14
CROP SCI	401	Revise	<b>Turfgrass Science</b> 3 Course Prerequisite: CROP SCI 301. Integration of the principles of turfgrass science into turf management for environmental stewardship of turfgrass systems.	<b>Turfgrass Science</b> 3 Course Prerequisite: CROP SCI 301. Integration of the principles of turfgrass science into turf management for environmental stewardship of turfgrass systems. <u>Cooperative: Open to UI degree-seeking students.</u>	1-14
E E	331	Revise	<b>Electromagnetic Fields and Waves</b> 3 Course Prerequisite: E E 261 with a C or better; E E 262 with a C or better; MATH 315 with a C or better; PHYSICS 202 with a C or better. Certification not required. Fundamentals of transmission lines, electrostatics, magnetostatics, and Maxwell's Equations.	<b>Electromagnetic Fields and Waves</b> 3 Course Prerequisite: E E 261 with a C or better; E E 262 with a C or better; MATH 315 with a C or better; PHYSICS 202 with a C or better. Certification not required. <u>Students will be required to pass a math skills test.</u> Fundamentals of transmission lines, electrostatics, magnetostatics, and Maxwell's Equations <u>for static fields.</u>	1-14
E E	434	Revise	<b>ASIC and Digital Systems Design</b> 3 (2-3) Course Prerequisite: E E 234 with a C or better; E E 321 with a C or better; <del>E E 324 with a C or</del>	<b>ASIC and Digital Systems Design</b> 3 (2-3) Course Prerequisite: E E 234 with a C or better; E E 321 with a C or better; certified major in	1-14

			better; certified major in Electrical Engineering, Computer Science, or Computer Engineering. Application Specific Integrated Circuit and Digital System Design methods, semi-custom, full-custom, and field-programmable devices; digital system architectures, electronics, and tests.	Electrical Engineering, Computer Science, or Computer Engineering. Application Specific Integrated Circuit and Digital System Design methods, semi-custom, full-custom, and field-programmable devices; digital system architectures, electronics, and tests.	
E E	466	Revise	<b>VLSI Design 3</b> (2-3) Course Prerequisite: E E 234 with a C or better; <del>E E 311 with a C or better</del> ; E E 324 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering. Very Large Scale Integrated circuit, system and physical design using CAD software; project specification, modeling, implementation, documentation and reporting.	<b>VLSI Design 3</b> (2-3) Course Prerequisite: E E 234 with a C or better; E E 321 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering. Very Large Scale Integrated circuit, system and physical design using CAD software; project specification, modeling, implementation, documentation and reporting.	1-14
ECE	486	Revise	<b>Solid State Device Design and Modeling 3</b> (2-3) Course Prerequisite: ECE 349 <del>or concurrent enrollment, or MECH 431. Cross-sectional design of CMOS devices; simulation and optimization of device design using CAD tools for process integration; device model extraction for circuit simulation and parametric testing.</del>	<b>Solid State Device Design and Modeling 3</b> (2-3) Course Prerequisite: ECE 349. <u>Design and modeling of solid-state devices such as PN diode. BJT and MOSFET. Simulation and of device design using CAD tools such as ATLAS and ATHENA for physical modeling and fabrication process integration.</u>	8-14
ENGLISH	104	Revise	<del><b>Intermediate Grammar and Basic Skills ESL</b></del> 3 Course Prerequisite: Appropriate Writing Placement Exam score. Designed to introduce non-native speakers of English to writing and reading in the university.	<b>Basic Writing - ESL</b> 3 Course Prerequisite: Appropriate Writing Placement Exam score. Designed to introduce non-native speakers of English to writing and reading in the university.	8-14
ENVR SCI	492	Revise	<b>Special Topics V</b> 1-3 May be repeated for credit; cumulative maximum 12 hours. Specialized topics within the discipline; content will vary	<b>Special Topics V</b> 1-3 May be repeated for credit; cumulative maximum 12 hours. Specialized topics within the discipline; content will vary	8-13

			each term.	each term. <u>Cooperative: Open to UI degree-seeking students.</u>	
HBM	298	Revise	<b>Internship Experience V 3</b> ( <del>0-9</del> ) to 12 (0-36) May be repeated for credit; cumulative maximum 12 hours. Cooperative educational internship with a hospitality business, government, or non-profit organization. S, F grading.	<b>Internship Experience V 1</b> ( <u>0-3</u> ) to 12 (0-36) May be repeated for credit; cumulative maximum 12 hours. Cooperative educational internship with a hospitality business, government, or non-profit organization. S, F grading.	5-13
HBM	498	Revise	<b>Hospitality Business Management 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 nonprofit organization. S, F grading.	<b>Hospitality Business Management Internship V 1-15</b> May be repeated for credit; cumulative maximum 15 hours. Course Prerequisite: By department permission. Cooperative educational internship with a business, government or nonprofit organization. S, F grading.	5-13
MGTOP/STAT	516	Revise	<b>Time Series 3</b> ARIMA models; identification, estimation, diagnostics, and forecasting; seasonal adjustments, outlier detection, intervention analysis and transfer function modeling. (Crosslisted course offered as MGTOP 516, STAT 516). Recommended preparation: STAT 443.	<b>Time Series 3</b> ARIMA models; identification, estimation, diagnostics, and forecasting; seasonal adjustments, outlier detection, intervention analysis and transfer function modeling. (Crosslisted course offered as MGTOP 516, STAT 516). Recommended preparation: STAT 443. <u>Cooperative: Open to UI degree-seeking students.</u> [Note: Jointly Taught]	8-13
MUS	490/590	Revise	<b>General Music Material/Methods 4</b> ( <del>3-2</del> ) Course Prerequisite: MUS 491. Materials and methods for general music education majors; multiculturalism, collaboration, developmental curriculum and research issues; addressing national standards; observations. Credit not granted for both MUS 490 and MUS 590. Offered at 400 and 500 level.	<b>General Music Material/Methods 3</b> Course Prerequisite: MUS 491. Materials and methods for general music education majors; multiculturalism, collaboration, developmental curriculum and research issues; addressing national standards; observations. Credit not granted for both MUS 490 and MUS 590. Offered at 400 and 500 level.	5-13
PHARMACY	502	Drop	<b>Integrated Pharmacology I 3</b> Medicinal chemistry, drug	--N/A--	1-14

			metabolism, signal transduction, drug development and autonomic pharmacology.		
<b>PHARMACY</b>	<b>503</b>	<b>Drop</b>	<b>Pathophysiology with Medical Terminology 4</b> Review of human physiology along with an overview of human pathophysiology, including medical terminology.	--N/A--	<b>1-14</b>
<b>PHARMACY</b>	<b>508</b>	<b>Drop</b>	<b>Pharmaceutics I 3</b> Principles of dosage form design and drug delivery, with an emphasis on physiochemical principles.	--N/A--	<b>1-14</b>
<b>PHARMACY</b>	<b>512</b>	<b>Drop</b>	<b>Integrated Pharmacology II 4</b> Pharmacology of drugs acting on the cardiovascular system, peripheral sites and central nervous system.	--N/A--	<b>1-14</b>
<b>PHARMACY</b>	<b>515</b>	<b>Drop</b>	<b>Immunology 2</b> 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.	--N/A--	<b>1-14</b>
<b>PHARMACY</b>	<b>518</b>	<b>Drop</b>	<b>Pharmaceutics II 2</b> Principles of dosage form design and drug delivery, with an emphasis on pharmaceutical technology and biopharmaceutics.	--N/A--	<b>1-14</b>
<b>PHARMACY</b>	<b>519</b>	<b>Drop</b>	<b>Pharmaceutics Laboratory 1 (0-3)</b> Laboratory experience in the preparation of medicines.	--N/A--	<b>1-14</b>
<b>PHARMACY</b>	<b>528</b>	<b>Drop</b>	<b>Pharmacokinetics 3</b> Qualitative and quantitative understanding of the processes of drug absorption, distribution, and elimination.	--N/A--	<b>1-14</b>
<b>PHARMACY</b>	<b>542</b>	<b>Drop</b>	<b>Integrated Pharmacology IV 4</b> Pharmaceutical biotechnology, basic	--N/A--	<b>1-14</b>

			toxicology, pharmacogenomics and complementary and alternative medicines.		
<b>PHARMACY</b>	<b>565</b>	<b>Revise</b>	<b>Parenteral Products 2 (0-4)</b> Course Prerequisite: PHARDSCI 519 or <del>PHARMACY 519</del> ; PHARMACY 554. Preparation and administration of compounded parenteral products; patient case discussions and student presentations.	<b>Parenteral Products 2 (0-4)</b> Course Prerequisite: PHARDSCI 519; PHARMACY 554. Preparation and administration of compounded parenteral products; patient case discussions and student presentations.	<b>1-14</b>
<b>PHARMACY</b>	<b>577</b>	<b>Revise</b>	<b>Diseases, Complications, and Drug Therapy in Obstetrics 2</b> Course Prerequisite: PHARMACY 534. Medical and pharmacological issues common in obstetrics. S, F grading.	<b>Diseases, Complications, and Drug Therapy in Obstetrics 2</b> Course Prerequisite: PHARMACY 514. Medical and pharmacological issues common in obstetrics. S, F grading.	<b>1-14</b>
<b>PHYSICS</b>	<b>101</b>	<b>Revise</b>	<b>[PSCI] [P] General Physics 4 (3-3)</b> Course Prerequisite: MATH 107 or 108 with a grade of C or better, ALEKS math placement score <del>60%</del> or higher, or passing MATH 140, 171, 202, or 206. Algebra/trigonometry-based physics; topics in mechanics, wave phenomena, temperature, and heat; oriented toward non-physical science majors. Credit not granted for more than one of PHYSICS 101, 201, or 205.	<b>[PSCI] [P] General Physics 4 (3-3)</b> Course Prerequisite: MATH 107 or 108 with a grade of C or better, ALEKS math placement score <u>75%</u> or higher, or passing MATH 140, 171, 202, or 206. Algebra/trigonometry-based physics; topics in mechanics, wave phenomena, temperature, and heat; oriented toward non-physical science majors. Credit not granted for more than one of PHYSICS 101, 201, or 205.	<b>1-14</b>
<b>PHYSICS</b>	<b>102</b>	<b>Revise</b>	<b>[PSCI] [P] General Physics 4 (3-3)</b> Course Prerequisite: PHYSICS 101 with a grade of C or better; MATH 107 or 108 with a grade of C or better, ALEKS math placement score <del>60%</del> or higher, or passing MATH 140, 171, 202, or 206. Algebra/trigonometry-based physics; topics in electricity, magnetism, optical phenomena, relativity, and quantum theory; oriented toward non-physical science	<b>[PSCI] [P] General Physics 4 (3-3)</b> Course Prerequisite: PHYSICS 101 with a grade of C or better; MATH 107 or 108 with a grade of C or better, ALEKS math placement score <u>75%</u> or higher, or passing MATH 140, 171, 202, or 206. Algebra/trigonometry-based physics; topics in electricity, magnetism, optical phenomena, relativity, and quantum theory; oriented toward non-physical science	<b>1-14</b>

			majors. Credit not granted for more than one of PHYSICS 102, 202, or 206.	majors. Credit not granted for more than one of PHYSICS 102, 202, or 206.	
UCOLLEGE	104	Revise	<b>Pathways to Academic Success Seminar 2</b> <del>Introduction to college-level research and writing, including analysis of source material, disciplinary/interdisciplinary discourse, and development of critical thinking.</del>	<b>Pathways to Academic Success Seminar 2 Course</b> <u>Prerequisite: Less than 30 credits. Instruction on college success strategies; research writing and communication in preparation for the University curriculum.</u>	8-14
VET MED	568	Revise	<b>Animal Handling and Animal Agriculture Orientation 2</b> (1-3) Course Prerequisite: Veterinary Medicine student. <del>Restraint procedures, production aspects and the social issues of agricultural animals seen by veterinarians and career opportunities associated with them.</del> S, M, F grading.	<b>Animal Handling and Orientation 2</b> (1-3) Course Prerequisite: Veterinary Medicine student. <u>Introduction to clinical restraint procedures, physical exam and treatment procedures, clinical behavior and management.</u> S, M, F grading.	1-14
VET MED	577	Revise	<b>Herd Production Medicine V 1-3</b> Course Prerequisite: Veterinary Medicine student. <del>Health management of livestock herds, targeting measures of productivity and profitability.</del> S, M, F grading.	<b>Herd Production Medicine 2</b> Course Prerequisite: Veterinary Medicine student. <u>Fundamentals of developing and providing business-to-business (B2B) professional services to commercial scale livestock operations.</u> S, M, F grading.	1-14