

MEMORANDUM

Faculty Senate approved 1/27/2011

TO: Deans and Chairs
 FROM: Becky Bitter, Sr. Assistant Registrar
 DATE: 24 January 2011
 SUBJECT: Minor Change Bulletin No. 3

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.

Prefix	Course Number	New Revise Drop	Current	Proposed	Effective Date
AgTM	305	Revise	Agricultural Precision Systems 3 (2-3) Prereq junior standing or permission of instructor. Systems for precision agriculture, equipment, software uses, principles, construction, care, tillage, planting, spraying, harvesting, and materials handling machinery. Field trips required. Cooperative course taught jointly by WSU and UI (AGMEC 305).	Agricultural Precision Systems 3 (2-3) Prereq junior standing or permission of instructor. Systems for precision agriculture, equipment, software uses, principles, construction, care, tillage, planting, spraying, harvesting, and materials handling machinery. Field trips required. Cooperative course taught jointly by WSU and UI (<u>ASM 305</u>).	1-11
AgTM	416	Revise	Fluid Power Systems 3 (2-3) Fluid power principles applied to the selection, design, operation, and management of agricultural and industrial machinery. Field trips required. Cooperative course taught by WSU, open to UI students (AGMEC 416).	Fluid Power Systems 3 (2-3) Fluid power principles applied to the selection, design, operation, and management of agricultural and industrial machinery. Field trips required.	1-11
Biol	301	Revise	General Genetics 4 Prereq Biol 106 and 107 ; two semesters Chem. Same as MBioS 301. Credit not normally granted for MBioS 301/Biol 301 and Biol 408.	General Genetics 4 Prereq <u>Biol 106 or 120; Biol 107</u> ; two semesters Chem. Same as MBioS 301. Credit not normally granted for MBioS 301/Biol 301 and Biol 408.	1-11
C E	473	Revise	Pavement Design 3 Prereq C E 317; Econ 101 or 102; c// in C E 322. Pavement performance evaluation, material characterization, traffic analysis, pavement structural response analysis, transfer function application,	Pavement Design 3 Prereq C E 317; EconS 101 or 102; c// in C E 322. Pavement performance evaluation, material characterization, traffic analysis, pavement structural response analysis, transfer function application,	1-11

			and pavement design procedures for both flexible and rigid pavements including MEPDG design procedure . Cooperative course taught jointly by WSU and UI (CE 475).	and pavement design procedures for both flexible and rigid pavements.	
C E	524	Revise	Geotechnical Earthquake Engineering 3 Faulting and seismicity; site response analysis; influence of soil on ground shaking; soil liquefaction; probabilistic seismic hazard assessment; seismic earth pressures; seismic slope stability . Cooperative course taught by WSU, open to UI students (CE 566).	Geotechnical Earthquake Engineering 3 <u>Faulting and seismicity; site response analysis; probabilistic seismic hazard assessment; influence of soil on ground shaking; response spectra; soil liquefaction; seismic earth pressures; seismic slope stability; earthquake resistant design</u> . Cooperative course taught jointly by WSU and UI (CE 566).	1-11
C E	533	Revise	Advanced Reinforced Concrete Design 3 Prereq C E 433. Composite design; slab design; limit state design; footings; retaining walls; deep beams; brackets and corbels; torsion; seismic design; shear walls. Cooperative course taught by WSU, open to UI students (CE 547) .	Advanced Reinforced Concrete Design 3 Prereq C E 433. Composite design; slab design; limit state design; footings; retaining walls; deep beams; brackets and corbels; torsion; seismic design; shear walls. <u>Cooperative course taught jointly by WSU and UI students (CE 547)</u> .	1-11
C E	541	Revise	Environmental Engineering Unit Operations 3 Prereq C E 442; Math 315. Theory and design of physical and chemical unit operations of water and wastewater treatment systems. Cooperative course taught jointly by WSU and UI (CE 531).	Physicochemical Water and Wastewater Treatment 3 Prereq Math 315; rec C E 442. Principles of physical and chemical operations used in water and wastewater treatment, including <u>chemical reactor theory, sedimentation, filtration, precipitation, mass transfer, coagulation/flocculation, disinfection, adsorption and ion exchange</u> . Cooperative course taught by WSU, open to UI students (CE 531).	1-11
C E	542	Revise	Environmental Engineering Unit Processes 3 Prereq C E 541. Biochemical energetics and kinetics; biological waste treatment processes; nutrient removal; advanced wastewater treatment design. Cooperative course taught jointly by WSU and UI (CE 534).	Biochemical Wastewater Treatment 3 Prereq C E 541. Principles of <u>biochemical operations used in wastewater treatment including biochemical energetics, kinetics, activated sludge and fixed film reactors, nutrient removal, and sludge handling and treatment</u> . Cooperative course taught by WSU, open to UI students (CE 534).	1-11
C E	566	Revise	Pavement Management and Rehabilitation 3 Prereq C E 322 . Basics of pavement management systems development and implementation. Cooperative course taught by UI, open to WSU students (CE 577).	Pavement Management and Rehabilitation 3 Prereq <u>C E 473 or instructor permission</u> . <u>Overview of Pavement Management Systems; PMS project and network levels; serviceability concepts and performance models; PMS data needs; rehabilitation and maintenance strategies; life cycle cost analysis;</u>	1-11

				<u>implementation of PMS in design, construction, maintenance, and research; examples of working PMS; maintenance and rehabilitation of asphalt and concrete pavements.</u> Cooperative course taught by UI, open to WSU students (CE 577).	
C E	567	Revise	Advanced Characterization of Highway Materials 3 Basic and advanced level of the fundamentals of material response to static and repeated loading; emphasis on the deformation and fatigue behavior of asphalt mixtures. Cooperative course taught jointly by WSU and UI (CE 556).	<u>Properties of Highway Pavement Materials</u> 3 Prereq C E 400 or instructor permission. Physical and mechanical properties of asphalt and Portland cement concrete materials; design of asphalt concrete mixes; introduction to viscoelastic theory; characterization methods, emphasizing fatigue, rutting, and thermal cracking; modification and upgrading techniques. Cooperative course taught jointly by WSU and UI (CE 556).	1-11
C E	572	Revise	Advanced Pavement Analysis 3 Prereq C E 473. Fundamentals of pavement-vehicle interaction and the mechanics of pavement response and damage. Cooperative course taught jointly by WSU and UI (CE 575).	<u>Advanced Pavement Design and Analysis</u> 3 Prereq C E 473 or instructor permission. Design of new and rehabilitated asphalt and Portland Cement concrete pavements; mechanistic-empirical design procedures, performance models; deflection-based structural analysis, overlay design, environmental effect; long-term pavement performance (LTPP), and introduction to research topics in pavement engineering. Cooperative course taught jointly by WSU and UI (CE 575).	1-11
CropS	301	Revise	[M] <u>Turfgrass Management</u> 3 (2-3) Prereq one semester of Biology or Horticulture. Principles of establishment and management of turf for lawns, parks, and golf courses. Field trip required. Cooperative course taught by WSU, open to UI students (PLSC 302)	[M] <u>Turfgrass Management</u> 3 (2-3) Prereq one semester of Biology or Horticulture. Principles of establishment and management of turf for lawns, parks, and golf courses. Field trip required. Cooperative course taught by WSU, open to UI students (<u>PLSC 301</u>)	1-11
CropS	513	Revise	<u>Biology of Weeds</u> 3 Prereq graduate standing. Biology, ecology, and physiology of weeds; crop and weed interactions and interference. Cooperative course taught by WSU, open to UI students (PLSC 510).	<u>Biology of Weeds</u> 3 Prereq graduate standing. Biology, ecology, and physiology of weeds; crop and weed interactions and interference. <u>Cooperative course taught by UI, open to WSU students (PLSC 510).</u>	1-11
ES/RP	508	Revise	<u>Environmental Spatial Statistics</u> 3 (2-2) Prereq Stat 412. Same as Soils 508.	<u>Environmental Spatial Statistics</u> 3 (2-2) Prereq Stat 412. Same as Soils 508. <u>Cooperative course taught by WSU, open to UI students (REM 508).</u>	1-11
For L	441	Drop	<u>Research and Methods of Technology</u>	--N/A--	1-11

			Enhanced Foreign Language Learning 3 Prereq For L 440. Taught in English. The use of technology in the foreign language classroom; hands-on experience with equipment and multi-media materials. Credit not granted for both For L 441 and 541.		
For L	541	Revise	Research and Methods of Technology Enhanced Foreign Language Learning 3 Prereq graduate standing- Graduate level counterpart of For L 441; additional requirements. Credit not granted for both For L 441 and 541.	Research and Methods of Technology Enhanced Foreign Language Learning 3 Prereq graduate standing <u>or by instructor permission.</u> Taught in English. The use of <u>technology in the foreign language classroom; hands-on experience with equipment and multi-media materials.</u>	1-11
Geol	508	Revise	Environmental Spatial Statistics 3 (2-2) Prereq Stat 412. Same as Soils 508.	Environmental Spatial Statistics 3 (2-2) Prereq Stat 412. Same as Soils 508. <u>Cooperative course taught by WSU, open to UI students (REM 508).</u>	1-11
H D	561	Revise	Advanced Curriculum for Early Childhood Programs 3 Opportunity to explore curriculum practices in early childhood education; discussion, evaluation and adaptation of curricula based on current research.	Advanced Assessment and Evaluation in Early Childhood Programs 3 Prereq H D 560. <u>Investigating: Best classroom practices for creating early learning environments, use of observation and documentation to evaluate and improve quality.</u>	8-11
HBM	301	Revise	Introduction to Conventions and Meetings Industry 3 Overview of industry, including components, interrelationships, economics, and theory.	Introduction to Event Planning 3 Overview of the <u>event planning</u> industry, including components, interrelationships, economics, and theory.	1-11
Hort	480	Revise	Horticultural Genomics 3 Prereq MBioS 301; MBioS 478 . Current topics in genetics, genomics and bioinformatics of horticultural crop plants with emphasis on advanced concepts, approaches and techniques.	Horticultural Genomics 3 Prereq MBioS 301 <u>or</u> CropS 444. Current topics in genetics, genomics and bioinformatics of horticultural crop plants with emphasis on advanced concepts, approaches and techniques	
L A	520	Revise	The Northern Rocky Mountain Regional Landscape 4 (2-4) Prereq graduate standing. Biophysical characteristics of the Northern Rocky Mountain regional landscape.	The Northern Rocky Mountain Regional Landscape 4 (2-4) Prereq graduate standing. Biophysical characteristics of the Northern Rocky Mountain regional landscape. <u>Cooperative course taught jointly by WSU and UI (LARC 559).</u>	1-11
Math	574	Revise	Topics in Optimization 3 May be repeated for credit; cumulative maximum 12 hours. Prereq advanced multivariable calculus and a programming language. Rec Math 464, 544. Advanced topics in the theory and	Topics in Optimization 3 May be repeated for credit; cumulative maximum 12 hours. Prereq advanced multivariable calculus and a programming language. Rec Math 464, 544. Advanced topics in the theory and	8-11

			computing methodology in optimization with emphasis on real-life algorithmic implementations. Cooperative course taught by WSU, open to UI students (MATH 564).	computing methodology in optimization with emphasis on real-life algorithmic implementations.	
MBioS	301	Revise	General Genetics 4 Prereq Biol 106 and 107 ; two semesters Chem. Principles of modern and classical genetics. Credit not normally granted for MBioS 301/Biol 301 and Biol 408.	General Genetics 4 Prereq <u>Biol 106 or 120; Biol 107</u> ; two semesters Chem. Principles of modern and classical genetics. Credit not normally granted for MBioS 301/Biol 301 and Biol 408.	8-11
MBioS	303	Revise	Introductory Biochemistry 4 Prereq Chem 106; Chem 345. Modern biochemistry for undergraduates in the biological sciences. Cooperative course taught jointly by WSU and UI (MMBB 380).	Introductory Biochemistry 4 Prereq Chem 106; Chem 345. Modern biochemistry for undergraduates in the biological sciences.	8-11
MBioS	442	Revise	General Virology 3 Prereq MBioS 301; MBioS 303 or c//. The biology of bacterial, animal, and plant viruses. Credit not granted for both MBioS 442 and 542. Cooperative course taught by WSU, open to UI students (BACT 130).	General Virology 3 Prereq MBioS 301; MBioS 303 or c//. The biology of bacterial, animal, and plant viruses. Credit not granted for both MBioS 442 and 542.	8-11
MBioS	501	Revise	Cell Biology 3 Prereq MBioS 301, 303, or graduate standing; c// with MBioS 529 highly recommended. Graduate-level counterpart of MBioS 401; additional requirements. Credit not granted for both MBioS 401 and 501. Cooperative course taught by WSU, open to UI students (GENET 550).	Cell Biology 3 Prereq MBioS 301, 303, or graduate standing; c// with MBioS 529 highly recommended. Graduate-level counterpart of MBioS 401; additional requirements. Credit not granted for both MBioS 401 and 501.	5-11
MBioS	514	Revise	General Biochemistry 3 Prereq MBioS 413, or graduate standing. Graduate-level counterpart of MBioS 414; additional requirements. Credit not granted for both 414 and 514. Cooperative course taught by WSU, open to UI students (MMBB 542).	General Biochemistry 3 Prereq MBioS 413, or graduate standing. Graduate-level counterpart of MBioS 414; additional requirements. Credit not granted for both 414 and 514.	5-11
MBioS	540	Revise	Immunology 3 Prereq MBioS 305; organic chemistry or graduate standing; c// with MBioS 548 highly recommended. Graduate-level counterpart of MBioS 440; additional requirements. Credit not granted for both MBioS 440 and 540. Cooperative course taught by WSU, open to UI students (MMBB 512).	Immunology 3 Prereq MBioS 305; organic chemistry or graduate standing; c// with MBioS 548 highly recommended. Graduate-level counterpart of MBioS 440; additional requirements. Credit not granted for both MBioS 440 and 540.	5-11
Mus	151	Revise	Music Fundamentals-I 3 Notation and performance of music fundamentals: pitch, rhythm, scales, key signatures, and intervals.	Music Fundamentals 3 Notation and performance of music fundamentals: pitch, rhythm, scales, key signatures, and intervals.	1-12

Mus	152	Drop	Music Fundamentals II 3 Prereq Mus 151. Notation and performance of music fundamentals: melody, rhythm, scales, intervals, key signatures, triads; preparatory for Mus 251.	--N/A--	1-12
Mus	251	Revise	Materials and Structures of Music I 3 Prereq by examination. Music theory fundamentals; analysis and composition of two-voice counterpoint, diatonic harmony in choral and keyboard texture, and melodic form.	Materials and Structures of Music I 3 <u>Prereq 75% or better on the online diagnostic exam, or a B or better in the online course, or a C or better in Mus 151.</u> Music theory fundamentals; analysis and composition of two-voice counterpoint, diatonic harmony in choral and keyboard texture, and melodic form.	8-11
Mus	252	Revise	Applied Theory I 1 (0-3) By examination. Ear training, conducting, rhythmic reading, sight singing, keyboard, dictation.	Applied Theory I 1 (0-3) <u>Prereq 75% or better on the online diagnostic exam, or a B or better in the online course, or a C or better in Mus 151.</u> Introduction to aural skills development in diatonic tonal music, intervals, sight singing, keyboard performance and dictation.	8-11
Mus	253	Revise	Materials and Structures of Music II 3 Prereq Mus 251; Mus 252. Analysis and composition of: figured bass, Alberti figures, and choral diatonic and initial chromatic harmony; modulation; alternation and binary forms.	Materials and Structures of Music II 3 Prereq <u>C or better in Mus 251 and 252.</u> Analysis and composition of: figured bass, Alberti figures, and choral diatonic and initial chromatic harmony; modulation; alternation and binary forms.	8-11
Mus	254	Revise	Applied Theory II 1 (0-3) Prereq <u>C</u> in Mus 253. Ear training, sight singing, keyboard.	Applied Theory II (0-3) Prereq <u>C or better in Mus 251 and 252.</u> Continued development in diatonic tonal ear training, sight singing, keyboard performance and dictation.	8-11
Mus	351	Revise	Materials and Structures of Music III 3 Prereq Mus 164, Mus 253, Mus 254. Voice leading and analysis of functional chromatic harmony; study of common large forms in the 17th, 18th, and 19th century.	Materials and Structures of Music III 3 Prereq <u>C or better in Mus 253 and 254.</u> Voice leading and analysis of functional chromatic harmony; study of common large forms in the 17th, 18th, and 19th century.	8-11
Mus	352	Revise	Applied Theory III 1 (0-3) Prereq Mus 164; Mus 254. Continued musical development in ear training, sight singing, applied theory, keyboard dictation.	Applied Theory III 1 (0-3) Prereq <u>C or better in Mus 164, 253, and 254.</u> Introduction to functional chromatic ear training, sight singing, applied theory, keyboard performance and dictation.	8-11
Mus	353	Revise	Materials and Structures of Music IV 3 Prereq Mus 351. Vertical, linear and formal relationships of 20th century music; writing, analysis, listening.	Materials and Structures of Music IV 3 Prereq <u>C or better in Mus 351 and 352.</u> Vertical, linear and formal relationships of 20th century music; writing, analysis, listening.	8-11
Mus	354	Revise	Applied Theory IV 1 (0-3) Prereq Mus 352. Continued development in ear	Applied Theory IV 1 (0-3) Prereq <u>C or better in Mus 351 and 352.</u>	8-11

			training, sight singing, keyboard and dictation, emphasizing 20th century music.	<u>Continued development in functional chromatic ear training, sight singing, keyboard performance and dictation; introduction to performing 20th century music.</u>	
Mus	490	Revise	General Music Material/Methods 4 (3-2) Prereq 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 590.	General Music Material/Methods 3 Prereq 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 590.	8-11
Mus	590	Revise	General Music/Materials/Methods 4 (3-2) Prereq senior or graduate standing. Graduate-level counterpart of Mus 490; additional requirements. Credit not granted for both Mus 490 and 590.	General Music/Materials/Methods 3 Prereq senior or graduate standing. Graduate-level counterpart of Mus 490; additional requirements. Credit not granted for both Mus 490 and 590.	8-11
Nurs	415	Revise	Children and Families as the Focus of Nursing Care 3 (1-6) Prereq Nurs 324, 325; c// Nurs 318, 328, 414. Synthesis and application of underlying science and nursing process with the unique population of children and families. S, F grading.	Children and Families as the Focus of Nursing Care 2 (0-6) Prereq Nurs 324, 325; c// Nurs 318, 328, 414. Synthesis and application of underlying science and nursing process with the unique population of children and families. S, F grading.	8-11
Nurs	541	Revise	Psychiatric/Mental Health Nursing: Individuals 4 (3-3) Prereq graduate standing in nursing; Nurs 562; 581 or c//. Theories of psychopathology and appropriate nursing interventions with individuals across the age continuum.	Advanced Family Psychiatric/Mental Health Practitioner: Child, Adult, and Geriatric Therapies 4 (3-3) Prereq graduate standing in nursing; Nurs 562; 581 or c//. <u>Advanced study of theories of psychopathology and appropriate nursing interventions with individuals across the lifespan. Practicum emphasis: assessment, diagnosis, counseling.</u>	8-11
Nurs	543	Revise	Psychiatric Mental Health Nursing 4 (3-3) Prereq Nurs 541, 581. Introduction to theory and practice of group psychotherapy; Milieu and other selected theories studied and applied to nursing practice.	Advanced Family Psychiatric Mental Health Nurse Practitioner: Group Psychotherapy Across the Lifespan 4 (3-3) Prereq Nurs 541, 581. <u>Introduction to theory and practice of group and family psychotherapy through the life span; Milieu, Cognitive Behavioral, Interpersonal, other theories.</u>	8-11
Nurs	549	Revise	Addiction Perspectives 2 Prereq Graduate standing in nursing or permission of instructor. Overview of the theories, physiology, course and epidemiology of addictions; assessment, evaluation, prevention and treatment.	Advanced Family Psychiatric Mental Health Nurse Practitioner: Addiction Perspectives 2 Prereq graduate standing in nursing or permission of instructor. Overview of the theories, physiology, course and epidemiology of addictions; assessment, evaluation,	8-11

				prevention and treatment.	
Nurs	561	Revise	Advanced Assessment and Diagnosis for the Psychiatric Mental Health Practitioner 3 Prereq Admission to PMHNP program. Assessment and diagnosis of psychiatric illnesses; focus on physical and psychiatric history, mental status exam and strategies of psychometric evaluation.	Advanced Family Psychiatric Mental Health Nurse Practitioner: Advanced Assessment and Diagnosis 3 Prereq Admission to PMHNP program. Assessment and diagnosis of psychiatric illnesses across the lifespan focusing on physical and psychiatric history, mental status exams, psychometric evaluation.	8-11
PharD	504	Revise	(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.	Pharmacy Calculations 1 (0-2) Prereq admission to PharD program. <u>The mathematics of prescription preparation and dispensing.</u> S, F grading.	1-11
SoilS	421	Drop	Environmental Soil Chemistry 3 Prereq two semesters of Chem; SoilS 201. Soil constituents; soil solutions: mineral equilibria; absorption reactions; acid/base reactions; oxidation-reduction; soil contaminants.	--N/A--	5-11
SoilS	431	Drop	Soil Microbiology and Biochemistry 3 (2-3) Prereq MBioS 101 or 201; SoilS 201. Biology and significance of organisms inhabiting soil; roles in nutrient cycling, ecosystem function, agriculture and bioremediation.	--N/A--	8-11
SoilS	508	Revise	Environmental Spatial Statistics 3 (2-2) Prereq Stat 412. Theoretical introduction and practical training in spatial data analysis for graduate students in the environmental sciences.	Environmental Spatial Statistics 3 (2-2) Prereq Stat 412. Theoretical introduction and practical training in spatial data analysis for graduate students in the environmental sciences. <u>Cooperative course taught by WSU, open to UI students (REM 508).</u>	1-11
SoilS	526	Revise	Soil Mineralogy 2(1-3) Prereq SoilS 421, 454 . Distribution and significance of soils minerals; weathering and reactivity of mineral structures; techniques of mineral identification including x-ray diffraction, chemical dissolution, optical and electron microscopy. Cooperative course taught by UI, open to WSU students (SOILS 526).	Soil Mineralogy <u>3 (2-3)</u> Prereq <u>SoilS 422; SoilS 454</u> . Distribution and significance of soils minerals; weathering and reactivity of mineral structures; techniques of mineral identification including x-ray diffraction, chemical dissolution, optical and electron microscopy. Cooperative course taught by UI, open to WSU students (SOILS 526).	1-11
SoilS	574	Drop	Remote Sensing and Geospatial Analysis 3 (1-4) Prereq SoilS 374; 476 or equivalent. Digital image processing theory and geographic information systems applied to landscape analysis. Cooperative course taught jointly by		8-11

			WSU and UI (FOR 572).		
Stat	508	Revise	Environmental Spatial Statistics 3 (2-2) Prereq Stat 412. Same as SoilS 508.	Environmental Spatial Statistics 3 (2-2) Prereq Stat 412. Same as SoilS 508. <u>Cooperative course taught by WSU, open to UI students (REM 508).</u>	1-11
V An	308	Drop	Functional Anatomy of Domestic Animals 4 (3-3) Prereq Biol 107; junior standing. Macroscopic functional morphology of domestic animals.	--N/A--	5-11
V MS	582	Revise	Seminar in Clinical Medicine 1 May be repeated for credit. Prereq DVM degree.	Seminar in Clinical Medicine 1 May be repeated for credit. Prereq DVM degree <u>or graduate standing.</u>	8-11
V MS	584	Revise	Comparative Theriogenology 1 Prereq DVM degree. May be repeated for credit; cumulative maximum 12 hours. Lectures from WSU College of Veterinary Medicine and Department of Animal Sciences and from UI Department of Animal and Veterinary Sciences.	Comparative Theriogenology 1 May be repeated for credit; cumulative maximum 12 hours. Prereq DVM degree <u>or graduate standing.</u> Lectures from WSU College of Veterinary Medicine and Department of Animal Sciences and from UI Department of Animal and Veterinary Sciences.	8-11
V MS	587	Revise	Hospital Rotation 3 (0-9) May be repeated for credit; cumulative maximum 6 hours. Prereq DVM degree. Supervised practical experience in all service areas of the veterinary hospital. Cooperative course taught by WSU, open to UI students (VS 587).	Hospital Rotation 3 (0-9) May be repeated for credit; cumulative maximum 6 hours. Prereq DVM degree <u>or graduate standing.</u> Supervised practical experience in all service areas of the veterinary hospital. Cooperative course taught by WSU, open to UI students (VS 587).	8-11
V MS	589	Revise	Advanced Clinical Veterinary Medicine V 1-3 May be repeated for credit; cumulative maximum 6 hours. Prereq DVM degree. Special topics.	Advanced Clinical Veterinary Medicine V 1-3 May be repeated for credit; cumulative maximum 6 hours. Prereq DVM degree <u>or graduate standing.</u> Special topics.	8-11
V Ph	308	Revise	Functional Anatomy of Domestic Animals 4 (3-3) Prereq Biol 107; junior standing. Same as V An 308.	Functional Anatomy of Domestic Animals 4 (3-3) Prereq Biol 107; junior standing. <u>Macroscopic functional morphology of domestic animals.</u>	5-11