

GRADUATE MAJOR CHANGE BULLETIN NO. 6

Spring 2024

Faculty Senate approved April 4, 2024

Course information under the heading titled *Current* will show strikethroughs for deletions, and text under *Proposed* will show underlines for additions. The column to the far right indicates the date each change becomes effective.

| Subject | Course Number | New Revise | Current | Proposed | Effective Date |
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| B A | 591 | New | --N/A-- | Qualitative Research Methods 3 Course Prerequisite: Admission to PhD programs in business. Introduction to qualitative research methods including research design, data collection, interpretation, and writing qualitative research for publication in academic journals. Typically offered Spring. | 1-25 |
| BIOMDSCI | 530 | New | --N/A-- | Immunological Concepts for Infectious Diseases 1 Course Prerequisite: BIOMDSCI 563. Applications and research related to interactions of mammalian pathogens with the host immune system. Typically offered Fall and Spring. | 8-24 |
| BIOMDSCI | 532 | New | --N/A-- | Immunity to Bacterial Pathogens 1 Course Prerequisite: BIOMDSCI 563; enrollment in the Immunology and Infectious Disease PhD program. Current literature and research in the immune response to bacterial pathogens. Typically offered Fall. | 8-24 |
| BIOMDSCI | 534 | New | --N/A-- | Advanced Concepts in Viral Immunity 1 Course Prerequisite: BIOMDSCI 563. Participatory discussion of primary research related to immune responses to viral pathogens. Typically offered Fall and Spring. | 8-24 |
| BIOMDSCI | 567 | New | --N/A-- | Mechanisms and Applications of Virology 1 Course Prerequisite: BIOMDSCI 563. An examination of primary research centered | 8-24 |

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| | | | | around an ever-growing list of contemporary viral threats to provide a comprehensive understanding of advanced virology and its real-world implications. Typically offered Fall. | |
| CHEM | 538 | New | --N/A-- | Qualifier Prep for Physical Chemistry V 1-2 Course Prerequisite: Concurrent enrollment or credit with a grade of B or better for CHEM 509; CHEM 531; CHEM 532; CHEM 534; CHEM 564. Review of critical concepts in thermodynamics, quantum mechanics, statistical thermodynamics, spectroscopy, and group theory for those preparing to take the Physical or Materials Chemistry PhD qualifying exam. Typically offered Spring. S, F grading. | 1-25 |
| ENGLISH | 503 | New | --N/A-- | Seminar in Writing Studies Research Methods and Methodologies 3 Theory and practice of writing studies research with a focus on methodologies, methods, and research ethics. | 1-25 |
| MATH | 506 | New | --N/A-- | Commutative Algebra 3 Rings, modules, localization, primary decomposition, integral dependence, Noetherian rings, discrete valuation rings, and Dedekind domains. Required preparation must include a course in algebraic structures. Typically offered Odd Years - Fall. Cooperative: Open to UI degree-seeking students. | |
| SOE | 515 | | --N/A-- | Research Frontiers in Forest Ecology and Management 1 Collaborative inquiry into literature and novel research in forest ecology and management. Typically offered Spring. Cooperative: Open to UI degree-seeking students. | 1-25 |

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| VET CLIN | 587 | Revise | <p>Hospital Rotation 3 May be repeated for credit; cumulative maximum 6 credits. Course Prerequisite: Admission to the MS or PhD in Veterinary Science program. Supervised practical experience in all service areas of the veterinary hospital. Typically offered Fall and Spring. Cooperative: Open to UI degree-seeking students.</p> | <p>Hospital Rotation V 3-6 May be repeated for credit. Course Prerequisite: Admission to the MS or PhD in Veterinary Science program, or <u>Internship, Residency Graduate Certificate Programs in the Biomedical Sciences – Veterinary Clinical and Translational Sciences Program.</u> Only 6 credits is allowed for students in the MS or PhD program. Supervised practical experience in all service areas of the veterinary hospital. Cooperative: Open to UI degree-seeking students.</p> | 8-24 |
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