Courses

828. Bacterial Diversity Laboratory Fall of odd-numbered years. 2(2-0)
P: MIC 227 or concurrently. R: Open only to graduate students in the Colleges of Human Medicine, Osteopathic Medicine, Veterinary Medicine, Natural Science, and Agriculture and Natural Resources. Isolation and identification of representative groups of bacteria.

829. Advanced Microbial Ecology Fall of even-numbered years. 3(3-0) Interdepartmental with Crop and Soil Science.

833. Microbial Genetics Fall. 3(3-0)
R: Open only to graduate students in the Colleges of Human Medicine, Osteopathic Medicine, Veterinary Medicine, Natural Science, and Agriculture and Natural Resources. Gene structure and function. Genetic regulation at chemical and molecular levels in prokaryotes and lower eukaryotes.

835. Eukaryotic Molecular Genetics Spring. 3(3) Interdepartmental with Genetics.
P: BCH 482, ZOL 341. R: Open only to graduate students in the colleges of Agriculture and Natural Resources, Engineering, Human Medicine, Natural Science, Osteopathic Medicine, and Veterinary Medicine.

841. Soil Microbiology Spring of even-numbered years. 3(3-0) Interdepartmental with Crop and Soil Science.
P: MIC 425. Ecology, physiology, and biochemistry of microorganisms indigenous to soil.

851. Immunology Fall of odd-numbered years. 3(3-0)
R: Open only to graduate students in the Colleges of Human Medicine, Osteopathic Medicine, Veterinary Medicine, Natural Science, and Agriculture and Natural Resources. Functional aspects of immune responses; synthesis, structure, and function of effecter molecules; cell-cell interactions; current advances and research techniques.

869. Special Problems in Microbiology Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

899. Master's Thesis Research Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 24 credits in all enrollments for this course.

991. Topics in Microbiology Fall, Spring. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Open only to graduate students in Microbiology and Public Health.

999. Doctoral Dissertation Research Fall, Spring. 1 to 12 credits. A student may earn a maximum of 99 credits in all enrollments for this course.
R: Open only to graduate students in Microbiology and Public Health.

MILITARY SCIENCE

Department of Military Science Office of the Provost

101. Leadership: The Military Profession Fall, Spring. 1(1-1) Analysis of military profession from several academic perspectives: Technical, ethical, and personal ramifications of officership. Introduction to military leadership. Lab introduces military skills.


201. Leadership Assessment Program, the Military Leader Fall. 1(1-1) Individual leadership development using standardized assessment technology, Administration, personal relations, and decision making. Military writing and professional obligations. Lab includes rappelling and marksmanship.

202. Leadership: First Aid/Fitness Training Fall. 1(1-1) Emergency first aid including casualty evaluation, lifesaving measures, CPR, and environmental injury prevention. Leader's role in implementing Army Physical Fitness Program. Individual and group fitness programs. Lab: hands on leadership training.

301. Leadership: Command and Control Communication Fall. 3(0-2) P: MS 202. Wire and radio communications for tactical operations. Encryption/decryption, use of codes, and electronic warfare. Theories and models of behavioral science for leadership. Lab emphasizes communication skills.

302. Leadership: Small Unit Tactics Fall. 3(0-2) P: MS 301. Military topographic and special maps: intersection, resection, modified resection, and polar coordinates. Tactical operation overlays. Preview of small unit leader's role in the Army. Lab: use of lenasitic compass.

MUSIC

School of Music
College of Arts and Letters

112. Chamber Music Fall, Spring. 1(0-2) A student may earn a maximum of 10 credits in all enrollments for this course.
R: Audition required.

114. Marching Band Fall. 1(0-9) A student may earn a maximum of 6 credits in all enrollments for this course.
R: Audition required.

115. Spartan Brass Spring. 1(0-2) A student may earn a maximum of 6 credits in all enrollments for this course.
R: Audition required.

116. Campus Band Fall, Spring. 1(0-3) A student may earn a maximum of 10 credits in all enrollments for this course.
R: Audition required.

117. Concert Band Fall, Spring. 1(0-3) A student may earn a maximum of 10 credits in all enrollments for this course.
R: Audition required.

118. Wind Symphony Fall, Spring. 1(0-6) A student may earn a maximum of 10 credits in all enrollments for this course.
R: Audition required.

120. Symphony Orchestra Fall, Spring. 1(0-4) A student may earn a maximum of 10 credits in all enrollments for this course.
R: Audition required.

401. Leadership Management Fall, Spring. 3(2-3) P: MS 302. Army training personnel administration and logistics systems, and the leader's role as a trainer and effective manager of written communication. Leadership assessment and development. Lab: practical experience in unit administration.


490. Independent Study in Military Science Fall, Spring. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.
R: Open only to juniors and seniors. Approval of department.

Individual research in areas related to military science.