TECHNICAL ELECTIVES
Fall

BIOC 312  Proteins and enzymes
BIOC 452  Nutritional Biochemistry (3)

BIOL 301  Biotechnology laboratory- genes and genetic engineering (3)
BIOL 306  Dynamics of Biological Systems II (3)
BIOL 325  Cell Biology (3)
BIOL 326  Genetics (3)
BIOL 302  Human Learning and the Brain (3)
BIOC 334  Structural Biology (3)
BIOL 346  Human Anatomy (3)
BIOL 362  Principles of developmental biology (3)
BIOL 373  Introduction to neurobiology (3)
BIOL 374  Neurobiology of Behavior (3)

CHEM 304  Chemical Measurements Laboratory (3)
CHEM 311  Inorganic Chemistry I
CHEM 331  Laboratory methods and techniques III (3)

ECHE 381  Electrochemical Engineering

NTRN 328  Child Development and Health (3)
NTRN 452  Nutritional Biochemistry and Metabolism (3)

PHRM 309  Principles of Pharmacology

PHOL 468  Membrane Physiology I (3)

PSCL 352  Physiological Psychology (3)

Notes to students:
1. Check the Bulletin for prerequisites and the course schedule for availability.
2. Most graduate courses require the consent of the instructor. Discuss your desire to take a course with your adviser and the course instructor before registration.
TECHNICAL ELECTIVES

Spring

ANAT 312  BASIC HISTOLOGY
ANAT 411  GROSS ANATOMY
ANAT 491  EMBRYOLOGY
ANAT 610  Oxygen and its Physiological Function

BIOC 334  STRUCTURAL BIOLOGY
BIOC 519  MOLECULAR BIOLOGY OF RNA
BIOC 599  RNA STRUCTURE AND FUNCTION

BIOL 300  DYNAMICS OF BIOLOGICAL SYSTEMS
BIOL 316  FUNDAMENTAL IMMUNOLOGY
BIOL 319  BIOLOGICAL STOCHASTIC PROCESS
BIOL 328  PLANT GENOMICS AND PROTEOMICS
BIOL 333  Medicinal Chemistry & Drug Development
BIOL 340  HUMAN PHYSIOLOGY
BIOL 342  PARASITOLOGY
BIOL 343  MICROBIOLOGY
BIOL 363  EXPERIMENTAL DEVELOPMENTAL BIOLOGY
BIOL 378/NEUR 478 COMPUTATIONAL NEUROSCIENCE
BIOL 402  NEUROSCIENCE

CHEM 302  INTRO PHYSICAL CHEMISTRY II
CHEM 305  INTRO PHYSICAL CHEM LAB
CHEM 325  PHYS METH FOR DETERM ORG STRUC
CHEM 333  MEDICINAL CHEMISTRY & DRUG DEVELOPMENT
CHEM 329  CHEM ASPECTS OF LIVING SYSTEMS
CHEM 421  ADVANCED ORGANIC CHEMISTRY

ECHE 340  BIOCHEMICAL ENGINEERING
EECS 359  Bioinformatics in Practice
MBIO 450  Cells and Pathogens
MPHP 464  Obesity and Cancer
NTRN 434  ADVANCED HUMAN NUTRITION II

PATH 444  NEURODEGENERATIVE DISEASES

PHOL 466  CELL SIGNALING
PHOL 514  CARDIOVASCULAR PHYSIOLOGY

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