Human Biology Emphasis Area Checklist

___ Two credits total from one or two of:
  BI 401 Research, BI 402 Superv College Teach, BI 407 Appl Graduate Stdy, BI 409 Prac Volunteers in Med, BI 409 Practicum

___ Ten credits from the following (Outside Department):

  ANTH 361 Human Evolution
  ANTH 362 Human Biological Variation
  ANTH 366 Human Osteology Laboratory
  ANTH 369 Human Growth & Development
  ANTH 376 Genomics & Anthropology+
  ANTH 467 Paleoecology & Human Evolution+
  ANTH 473 Advanced Forensic Anthropology
  ANTH 474 Human Skeletal Pathology
  ANTH 487 Bioanthropology Methods+
  HPHY 321 Human Anatomy I+
  HPHY 322 Human Physiology I+
  HPHY 323 Human Anatomy II+
  HPHY 324 Human Physiology II+
  HPHY 325 Hum Anat Physiol III
  HPHY 337 Clinical Pharmacology
  HPHY 362 Tissue Injury & Repair
  HPHY 371 Physiology of Exercise
  HPHY 374 Clinical ECG & Exercise
  HPHY 375 Metabolism & Nutrition
  HPHY 412 Sleep Physiology
  HPHY 413 Muscle Struct Funct & Plasticity
  HPHY 414 Muscle Metabolism
  HPHY 422 Physiology of Obesity
  HPHY 423 Physiology of Aging
  HPHY 433 Neurophysiology of Concussion
  HPHY 444 Clinical Anatomy
  HPHY 470 Environmental Physiology
  PSY 304 Biopsychology+
  PSY 305 Cognition
  PSY 309 Psychopathology
  PSY 383 Psychoactive Drugs
  PSY 433 Learning & Memory
  PSY 436 Human Performance
  PSY 445 Brain Mechanisms of Behavior+
  PSY 449 Cognitive Neuroscience+
  PSY 450 Hormones & Behavior
  PSY 480 Developmental Psychopathology

+ Satisfies Biology Major Upper Division, approved outside department category
  for which a maximum of 10 credits may be applied.

___ One course from the following Area I:

  BI 320 Molecular Genetics
  BI 322 Cell Biology
  BI 328 Developmental Biology
  BI 360 Neurobiology
  BI 399 Immunology & Infectious Disease

___ One course from the following Area II:

  BI 330 & BI 331 Microbiology Lecture & Lab
  BI 353 Sensory Physiology
  BI 356 Animal Physiology
  BI 358 Investigations in Medical Physiology
  BI 399 Visual Systems

___ One Course from the following:

  BI 309 Tropical Diseases in Africa
  BI 410 Metabolism & Disease
  BI 410 Biology of Aging
  BI 410 Stem Cells Disease & Medicine
  BI 410 Auditory Systems
  BI 410 Chromatin Structure & Function
  BI 410 The Human Microbiome
  BI 410 Neurogenetics
  BI 421 Adv Molecular Genetics Research Lab
  BI 422 Protein Toxins in Cell Biology
  BI 423 Human Molecular Genetics
  BI 424 Adv Molecular Genetics
  BI 425 Adv Molecular Biology Research Lab
  BI 426 Genetics of Cancer
  BI 427 Molecular Genetics of Human Disease
  BI 428 Developmental Genetics
  BI 433 Bacterial-Host Interactions
  BI 461 Systems Neuroscience
  BI 466 Developmental Neurobiology
  BI 485 Tech in Computational Neuroscience
  BI 493 Genomic Approaches & Analysis

NB: Course offerings vary each term and year, so plan ahead with several options.

Updated 3/5/20