Human Biology Emphasis Area Checklist

____ Two credits BI 409 Practicum/ BI 402 Supervised College Teaching/ BI 401 Research

NB: Site, Term, Credits

____ Two credits CAS 407 Career Connections Course

____ Ten credits from the following (Outside Department):

  __ANTH 361 Human Evolution  __HPHY 362 Tissue Injury & Repair
  __ANTH 362 Human Biological Variation  __HPHY 371 Physiology of Exercise
  __ANTH 366 Human Osteology Laboratory  __HPHY 375 Metabolism & Nutrition
  __ANTH 462 Primate Evolution+  __HPHY 381 Biomechanics
  __ANTH 463 Primate Behavior  __HPHY 434 Movement Disorders
  __ANTH 467 Paleoeocology & Human Evolution+  __HPHY 470 Environmental Physiology
  __HPHY 321 Human Anatomy I+  __PSY 304 Biopsychology
  __HPHY 322 Human Physiology I+  __PSY 383 Psychoactive Drugs
  __HPHY 323 Human Anatomy II+  __PSY 433 Learning & Memory
  __HPHY 324 Human Physiology II+  __PSY 436 Human Performance
  __HPHY 325 Human Anatomy/Physiology III  __PSY 445 Brain Mechanisms of Behavior+
  __HPHY 333 Motor Control  __PSY 449 Cognitive Neuroscience+
  __HPHY 337 Clinical Pharmacology  __PSY 450 Hormones & Behavior

  + Also 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 360 Neurobiology
  __BI 322 Cell Biology  __BI 399 Immunology & Infectious Disease
  __BI 328 Developmental Biology

____ One course from the following Area II:

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

____ One Course from the following:

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

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

Updated 8/13/19