Human Biology Emphasis Area Checklist

____ Two credits BI 409 Practicum/ BI 402 Supervised College Teaching/ BI 401 Research (Human Biology)

(NB: Site, Cr, Term) __________________________________________________________

____ Two credits CAS 407 Career Connections Course

____ Ten credits from the following (Outside Department):

____ ANTH 361 Human Evolution
____ ANTH 362 Human Biological Variation
____ ANTH 366 Human Osteology Laboratory
____ ANTH 462 Paleoprimatology+
____ ANTH 463 Primate Behavior
____ ANTH 467 Paleocoeology & Human Evolution+
____ HPHY 321 Human Anatomy I+
____ HPHY 322 Human Physiology I+
____ HPHY 323 Human Anatomy II+
____ HPHY 324 Human Physiology II+
____ HPHY 325 Human Anatomy/Physiology III
____ HPHY 333 Motor Control
____ HPHY 337 Clinical Pharmacology

____ HPHY 362 Tissue Injury & Repair
____ HPHY 371 Physiology of Exercise
____ HPHY 375 Metabolism & Nutrition
____ HPHY 381 Biomechanics
____ HPHY 434 Movement Disorders
____ HPHY 470 Environmental Physiology
____ PSY 304 Biopsychology
____ PSY 383 Psychoactive Drugs
____ PSY 433 Learning & Memory
____ PSY 436 Human Performance
____ PSY 445 Brain Mechanisms of Behavior+
____ PSY 449 Human Neuropsychology+
____ 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 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 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 Techniques in Computational Neurosci.
____ BI 493 Genomic Approaches & Analysis

NB: Course offerings vary each term and year, so plan ahead with several options. Last Updated 11/8/18