IPHY Major Requirements

First Year Biology + Ancillaries

First-Year Biology Sequence:
EBIO 1210 + 1230 and
EBIO 1220 + 1240

OR
MCDB 1150, 2150, and
2 cr. Lab

General Chemistry 1 + Lab:
CHEM 1113 + 1114

General Chemistry 2 + Lab:
CHEM 1133 + 1134

Statistics: choose from
IPHY 3280, MATH 2510,
PSYC 2111, or EBIO 1010

Physics: choose from PHYS
2010 (algebra-based) or
PHYS 1110 (calculus-based)

IPHY Courses

Human Anatomy: IPHY 3410
Pre-requisite: EBIO 1210 or
MCDB 1150

Human Physiology: IPHY 3430
Pre-requisite: IPHY 3410
Pre- or Co-requisite: CHEM 1133 + 1134

Human Physiology Lab: IPHY
3435
Pre-requisite: Statistics

Human Anatomy Lab: IPHY 3415
recommended but not required
Pre- or Co-requisite: IPHY 3410

IPHY Core Courses

Students must complete 15+ credits of Core courses,
grade of C- or higher

Sleep Physiology: IPHY 4580 - 3 (Lecture)
Pre-requisites: IPHY 3430
and Statistics

Endocrinology: IPHY 4440 - 4 (Lecture and
Recitation)
Pre-requisites: IPHY 3430
and IPHY 3435

Neurophysiology:
IPHY 4720- 4 (Lecture and Lab)
Pre-requisites: IPHY 3430
and IPHY 3435

Biomechanics: IPHY
4540 - 5 (Lecture, Lab,
and Recitation)
Pre-requisites: IPHY 3430,
Statistics, and PHYS 2010
or 1110

Immunology: IPHY 4600 - 3 (Lecture)
Pre-requisite: IPHY 3430

Cell Physiology:
IPHY 4060- 4
(Lecture and Lab)
Pre-requisites: IPHY 3430
and IPHY 3435

Exercise Physiology:
IPHY 4650- 5 (Lecture, Lab, and Recitation)
Pre-requisites: IPHY 3430
and IPHY 3435

Additional IPHY electives may be needed to reach 30 IPHY credit hour requirement. Please consult with your advisor to develop an individualized plan to complete the major.

Updated November 2022