



Bachelor of Science - 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 (1161 or 1171)

General Chemistry 1 + Lab:
CHEM 1113 + 1114

General Chemistry 2 + Lab:
CHEM 1133 + 1134

Statistics: choose from
IPHY 3280*, MATH 2510*,
PSYC 2111*, SOCY 2061, 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

Complete one of the following:

Human Anatomy Lab: IPHY 3415

*Pre- or Co-requisite: IPHY 3410
OR*

Medical Terminology: IPHY 2400

**Statistics classes
recommended for pre-health*

IPHY Core Courses

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

Sleep Physiology: IPHY
4580 - 3cr (Lecture)

*Pre-requisites: IPHY 3430
and Statistics*

Endocrinology: IPHY
4440 - 4cr (Lecture
and Recitation)

*Pre-requisites: IPHY 3430
and IPHY 3435*

Neurophysiology:
IPHY 4720 - 4cr
(Lecture and Lab)

*Pre-requisites: IPHY 3430
and IPHY 3435*

Biomechanics: IPHY
4540 - 5cr (Lecture,
Lab, and Recitation)

*Pre-requisites: IPHY 3430,
Statistics, and PHYS 2010
or 1110*

Immunology: IPHY
4600 - 3cr (Lecture)

Pre-requisite: IPHY 3430

Pathophysiology: IPHY
4300- 3cr (Lecture)

Pre-requisite: IPHY 3430

Cell Physiology:
IPHY 4060 - 4cr
(Lecture and Lab)

*Pre-requisites: IPHY 3430
and IPHY 3435*

Exercise Physiology:
IPHY 4650- 5cr (Lecture,
Lab, and Recitation)

*Pre-requisites: IPHY 3430
and IPHY 3435*

Additional IPHY electives may be needed to reach 32 IPHY credit hour requirement. Please consult with your advisor to develop an individualized plan to complete the major.