Integrative Physiology

UNIVERSITY OF COLORADO **BOULDER**

Required IPHY Courses

(C- or better required)

Intro. to Chemistry: CHEM 1021
(Check with advisor if course is necessary)

General Chemistry 1: CHEM 1113/1114
Offered fall, spring, and summer

General Chemistry 2: CHEM 1133/1134
Offered fall, spring, and summer

General Biology 1
(Check with advisor on availability)
EBIO 1210 or MCDB 1150

General Biology 2
(Check with advisor on availability)
EBIO 1220 or MCDB 2150

General Biology Lab
(Various options)

Human Anatomy: IPHY 3410-3
Offered fall, spring, and summer
Pre-req: EBIO 1210 or MCDB 1150

Human Physiology: IPHY 3430-4
Offered fall, spring, and summer
Pre-req: IPHY 3410
Co-req: CHEM 1133/1134

Intro. to IPHY: IPHY 1020-1 (recommended)
Offered fall only

Medical Terminology: IPHY 2400-2
Offered fall, spring, summer

or

Human Anatomy Lab: IPHY 3415-2
Offered fall, spring, summer
Pre-req/co-req: IPHY 3410

Physics 1
Offered fall, spring, and summer
Algebra-based: PHYS 2010
Calculus-based: PHYS 1110

Statistics
Offered fall, spring & summer*
IPHY 3280 (recommended),
PSYC 2111, MATH 2510,
EBIO 1010, or SOCY 2061

Physiology Lab: IPHY 3435-2 or IPHY 3437-2
Offered fall, spring, and summer
Pre-req: Statistics
Pre-req/co-req: IPHY 3430

Advanced IPHY Courses

(15 hours of courses, C- or better required)

Pathophysiology: IPHY 4300-3
Offered fall, spring, and summer*
Pre-req: IPHY 3430
Course component: Lecture

Sleep Physiology: IPHY 4580-3
Offered fall and spring
Pre-req: IPHY 3430
Course component: Lecture

Immunology: IPHY 4600-3
Offered fall, spring, and summer*
Pre-req: IPHY 3430
Course component: Lecture

Biomechanics: IPHY 4540-5
Offered fall and spring
Pre-req: IPHY 3430 and PHYS 1110 or 2010
Course components: Lecture, recitation, and lab

Cell Physiology: IPHY 4060-4
Offered fall and summer*
Pre-req: IPHY 3430 and IPHY 3435
Course components: Lecture and lab

Endocrinology: IPHY 4440-4
Offered fall, spring, and summer*
Pre-req: IPHY 3430 and IPHY 3435
Course components: Lecture and recitation

Neurophysiology: IPHY 4720-4
Offered fall, spring, and summer*
Pre-req: IPHY 3430 and IPHY 3435
Course components: Lecture and lab

Exercise Physiology: IPHY 4650-5
Offered fall, spring, and summer*
Pre-req: IPHY 3430 and IPHY 3435
Course components: Lecture, recitation, and lab

Effective Fall 2026

*Summer course availability is subject to change.