

Integrative Physiology Major Suggested 4-year plans

*These plans should only be used as a general guide.
Individual course choice depends on previous academic preparation and success.*

Integrative Physiology:

Year	Fall	Spring
1	Biology with lab (4 credits) *IPHY 1020: Introduction to IPHY (1 credit)	Biology with lab (4 credits) CHEM 1113/1114: Gen Chem 1 (5 credits)
2	CHEM 1133/1134: Gen Chem 2 (5 credits) IPHY 3410: Human Anatomy (3 credits) *IPHY 3415: Human Anatomy (Lab) (2 credits)	IPHY 3280: Intro. to Statistics (4 credits) IPHY 3430: Human Physiology (4 credits)
3	IPHY 3435: Physiology Lab (2 credits)	PHYS 2010: General Physics 1 (5 credits) **IPHY Major Core Course - #1 (3→5 credits)
4	**IPHY Major Core Course - #2 (3→5 credits) **IPHY Major Core Course - #3 (3→5 credits)	**IPHY Major Core Course - #4 (3→5 credits)

Integrative Physiology w/ Calculus, Additional Chemistry & Physics: often required for pre-health programs

Year	Fall	Spring
1	Biology with lab (4 credits) Calculus (MATH 1300-5 credits or MATH 1310 – 5 credits or APPM 1350 – 4 credits) *IPHY 1020: Introduction to IPHY (1 credit)	Biology with lab (4 credits) CHEM 1113/1114: Gen Chem 1 (5 credits)
2	CHEM 1133/1134: Gen Chem 2 (5 credits) IPHY 3410: Human Anatomy (3 credits) *IPHY 3415: Human Anatomy (Lab) (2 credits)	CHEM 3311/3321: Organic Chem 1 (5 credits) IPHY 3280: Intro. to Statistics (4 credits) IPHY 3430: Human Physiology (4 credits)
3	CHEM 3331/3341: Organic Chem 2 (5 credits) IPHY 3435: Physiology Lab (2 credits)	**IPHY Major Core Course - #1 (3→5 credits) CHEM 4611: Survey of Biochemistry (3 credits) PHYS 2010: General Physics 1 (5 credits)
4	**IPHY Major Core Course - #2 (3→5 credits) PHYS 2020: General Physics 2 (5 credits)	**IPHY Major Core Course - #3 (3→5 credits) **IPHY Major Core Course - #4 (3→5 credits)

**IPHY 1020 & 3415 recommended, not required
**See page 3 for course selection and prerequisites.*