

BIOLOGY BA beginning Fall 2018

Introductory Biology: BIOL 113, 114, and 115 (or its equivalent)

General Chemistry: CHEM 107, 108 or 111 or 104, 105, 106

Organic Chemistry: CHEM 231, 332

Statistics: MATH 147 or 148 or BIOL 437 or BIOL 447 or ANTH 200 or PSYCH 243 or other by approval

Math / Science / Physical Science: 8 credits: Choices Include:

CHEM 221, CHEM 335, CHEM 341, CHEM 351, CS 110, CS 140, ENVI 201, 328, MATH 224, MATH 225, MATH 226, MATH 227, MATH 304, MATH 314, PHYS 121, PHYS 122 (or PHYS 131, PHYS 132), any 100-level GEOL course (only one permitted); other courses in mathematics, the physical sciences and computer science only by approval of faculty advisor

One core course in cell biology or genetics: BIOL 311 or BIOL 332 or BIOL 401

One core course in ecology or evolution: BIOL 351 or BIOL 355 / BIOL 373

12 additional elective credits in BIOL courses numbered 300 and above, where two courses must have a laboratory component, with the following additional stipulations:

- 1) No more than **four** credits may come from the following list: BIOL 494, 495, 496, 497, 498, 499.
- 2) Will **not** be satisfied by BIOL 490-493.
- 3) A course counting toward the laboratory requirement must be at least **two** credits.
- 4) Only **one** laboratory course requirement may be satisfied by BIOL 495 or 497 or 498.

Additional information

- 1) Except for BIOL 391 and 494-499, no BIOL course taken on the **Pass/Fail** grading option will fulfill the requirements for the biology major.
- 2) Residency requirement: A minimum of **20** credits in BIOL courses numbered 300-level and above, including the two core courses, must be taken in Harpur College in order to qualify for the BA degree.

Total required credits: 60, or 58 if CHEM 107,108 is used
or 54 if CHEM 111 is used

11/7/2023

BIOLOGY BS beginning Fall 2018

Introductory Biology: BIOL 113, 114, and 115 (or its equivalent)

General Chemistry: CHEM 107, 108 or 111 or 104, 105, 106

Organic Chemistry: CHEM 231, 332

Statistics: MATH 147 or 148 or BIOL 437 or BIOL 447 or ANTH 200 or PSYCH 243 or other by approval

Math / Science / Physical Science: 8 credits: Choices Include:

CHEM 221, CHEM 335, CHEM 341, CHEM 351, CS 110, CS 140, ENVI 201, 328, MATH 224, MATH 225, MATH 226, MATH 227, MATH 304, MATH 314, PHYS 121, PHYS 122 (or PHYS 131, PHYS 132), any 100-level GEOL course (only one permitted); other courses in mathematics, the physical sciences and computer science only by approval of faculty advisor

One core course in cell biology or genetics: BIOL 311 or BIOL 332 or BIOL 401

One core course in ecology or evolution: BIOL 351 or BIOL 355 / BIOL 373

20 additional elective credits in BIOL courses numbered 300 and above, where two courses must have a laboratory component, with the following additional stipulations:

- 1) No more than **eight** credits may come from the following list: BIOL 494, 495, 496, 497, 498, 499
- 2) Will **not** be satisfied by BIOL 490-493.
- 3) A course counting toward the laboratory requirement must be at least **two** credits.
- 4) Only **one** laboratory course requirement may be satisfied by BIOL 495 or 497 or 498.

Additional Information:

- 1) Except for BIOL 391 and 494-499, no BIOL course taken on the **Pass/Fail** grading option will fulfill the requirements for the biology major.
- 2) Residency requirement: A minimum of **28** credits in BIOL courses numbered 300-level and above, including the two core courses, must be taken in Harpur College in order to qualify for the BS degree.

Total required credits: 68, or 66 if CHEM 107,108 is used
or 62 if CHEM 111 is used