**UW Bothell — B.S. in Biology Degree Checklist [Autumn 2019 - Summer 2020]**

### Admission Prerequisites

- **Gen. Chemistry Series**
  - B CHEM 143 + 144, 153 + 154, 163 + 164
  - Gen. Chem I, II, III + labs
  - Cr. 18
  - Quarters Offered: I, II, III, IV

- **Intro Biology Series**
  - B BIO 180, 200, 220
  - Intro Biology I, II, III + labs
  - Cr. 15
  - Quarters Offered: I, II, III, IV

### Core Requirements

#### Physics I & II
- **Choose one series.**
  - B PHYS 114 + 117, 115 + 118
  - General Physics I, II + labs
  - Cr. 10
  - Quarters Offered: I, II, III, IV

#### Calculus
- **Choose one course.**
  - STMATH 124
  - Calculus I
  - Cr. 5

#### Statistics
- **Choose one course.**
  - STMATH 215
  - Statistics for Health Sciences
  - Cr. 5

#### Genetics
- **Choose one course.**
  - B BIO 360
  - Introduction to Genetics
  - Cr. 5

#### Evolution
- **Choose one course.**
  - B BIO 466
  - Evolution
  - Cr. 5

#### Ecology
- **Choose one course.**
  - BES 312
  - Ecology
  - Cr. 5

#### Cell Biology
- **Choose one course.**
  - B BIO 372
  - Stem Cells
  - Cr. 5

#### Physiology
- **Choose one course.**
  - B BIO 351
  - Anatomy and Physiology I + lab
  - Cr. 5

- **Choose one course.**
  - B BIO 352
  - Anatomy and Physiology II + lab
  - Cr. 5

- **Choose one course.**
  - B BIO 353
  - Plant Physiology
  - Cr. 5

#### Investigative Biology
- **Choose one option. Visit uw.edu/biology for info.**
  - B BIO 495
  - Investigative Biology
  - Cr. 5
  - Check with instructor.

- **Non-credit internship or other experience. Must petition and present.**
  - B BIO 499 or other research for credit
  - Cr. 5
  - Check with internship.

### Elective Requirements

#### Biology & Society

- **Upper Division Biology Electives**
  - Choose 20 credits of elective coursework (usually four courses).

- **General Education & Area of Knowledge Coursework**
  - Diversity (DIV) [can be combined with VLPA or I&S]
  - Composition (C)
  - Additional Writing (C or W)
  - Visual, Literary, and Performing Arts (VLPA)
  - Individuals and Societies (I&S)
  - Cr. 30

- **Other Graduation Requirements**
  - At least 180 total credits [accepted transfer + UW credits]
  - At least 45 of last 60 credits taken at UW Bothell as a matriculated student

### Minors

- **Chemistry Minor**
  - Complete the Intro Biology series, plus all three of the following:
    - B BIO 351 (Anatomy & Physiology I + lab)
    - B BIO 352 (Anatomy & Physiology II + lab)
    - B BIO 480 (Neuroscience)
    - Cr. 15

- **Neuroscience Minor**
  - Complete the Intro Biology series, plus all three of the following:
    - B BIO 310 (Brain & Behavior)
    - B BIO 355 (Behavioral Neurobiology)
    - B BIO 385 (Animal Behavior)
    - B BIO 390 (Diseases & Disorders)
    - B BIO 394 (Special Topics Neuro)
    - BIS 270 (Abnormal Psychology)
    - BIS 422 (Clinical Psychology)
    - Cr. 15

- **Health Studies Minor**
  - In addition to your major coursework, complete both of the following:
    - BHS 201 (Intro to Public Health)
    - BHS 302 (Soc. Dimens. Hlth)
    - Cr. 10

- **Neuroscience Minor**
  - Choose one Health Research course:
    - BHS 300 (Health Research)
    - BIS 312 (Social Research)
    - BES 301 (Science Meth. & Pract.)
    - Cr. 10

### Questions?

Contact sciadv@uw.edu!
Subject to change: All course options, requirements, and policies are subject to change. Check with your advisor to confirm your courses!

More options: This resource only lists courses offered within the past two years. Visit [uwb.edu/biological-sciences/curricula](http://uwb.edu/biological-sciences/curricula) for the full list.

Petitions: Visit [www.uwb.edu/biological-sciences/forms](http://www.uwb.edu/biological-sciences/forms) if you want to try substituting alternative coursework for any requirement.