University of Washington Bothell
Biology Major Course Prerequisite Flowchart

Updated 10/13/2022

**Key**
- Thick Outline = No Prereqs
- Thin Outline = Has Prereqs
- Dark w/ White Text = Core Req Option

**Blue = Math and Statistics**
- BMATH 121: Alg & Quant Reasoning
- BMATH 122: Precalculus I
- BMATH 123: Precalculus II
- BMATH 124: Calculus I
- BMATH 125: Calculus II
- BMATH 126: Calculus III

**Red = Physics**
- BPHYS 114+117: Gen Physics I + Lab
- BPHYS 115+118: Gen Physics II + Lab
- BPHYS 116+119: Gen Physics III + Lab
- BPHYS 121: Calc-based Phys I + Lab
- BPHYS 122: Calc-based Phys II + Lab
- BPHYS 123: Calc-based Phys III + Lab
- BPHYS 121: Calc-based Phys I + Lab
- BPHYS 122: Calc-based Phys II + Lab
- BPHYS 123: Calc-based Phys III + Lab

**Yellow = Chemistry**
- BCHEM 139: Preparatory Chem
- BCHEM 143 + 144: Gen Chem I + Lab
- BCHEM 153 + 154: Gen Chem II + Lab
- BCHEM 163 + 164: Gen Chem III + Lab

**Green = Biology**
- BBIO 180: Intro Bio I + Lab
- BBIO 141: Intro Bio II + Lab
- BBIO 200: Intro Bio II + Lab
- BBIO 237: Org Chem I (no lab)
- BBIO 238 + 241: Org Chem II + Lab
- BBIO 239 + 242: Org Chem III + Lab

**Dark w/ White Text = Core Req Option**
- BBIO 220: Intro Bio III + Lab

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**Possible Paths**
- BMATH 121: Alg & Quant Reasoning
  - BMATH 122: Precalculus I
  - BMATH 123: Precalculus II
  - STMATH 124: Calculus I
  - STMATH 125: Calculus II
  - STMATH 126: Calculus III

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**Core Requirements**
- BBIO 180: Intro Bio I + Lab
  - BBIO 141: Intro Bio II + Lab
  - BBIO 200: Intro Bio II + Lab
  - BBIO 237: Org Chem I (no lab)
  - BBIO 238 + 241: Org Chem II + Lab
  - BBIO 239 + 242: Org Chem III + Lab

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**Optional Courses**
- BBIO 300: Behavioral Endo.
- BBIO 355: Intro to Genetics
- BBIO 360: Developmental Bio
- BBIO 370: Microbio I + Lab

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**Research Options**
- BBIO 470: Microbio II
- BBIO 485: Adv Seminar in Bio
- BBIO 495: Investigative Bio
- BBIO 498: Independent Study
- BBIO 499: UG Research

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**Other Courses**
- BES 312: Ecology
- BBIO 340: Intro Bioinformatics
- BBIO 330: Marine Bio
- BBIO 335: Salmon & Society
- BBIO 380: Cell Biology
- BBIO/BCHEM 375: Molecular Bio
- BBIO/BCHEM 364: Biochem I
- BBIO 360: Developmental Bio
- BBIO 470: Microbio II
- BBIO 480: Neurobiology
- BBIO 320: Behavioral Neurosci
- BBIO 351: Anat & Phys I + Lab
- BBIO 352: Anat & Phys II + Lab
- BBIO 372: Stem Cells
- BBIO 373: Med Microbio + Lab
- BBIO 385: Animal Behavior
- BBIO 390: Diseases of Nerv.
- BBIO 394: Spec Topics Neuro
- BBIO 370: Microbio I + Lab
- BBIO 498: Independent Study
- BBIO 499: UG Research