

UW Bothell Math & Science Course Flow Chart

**For Professional Health Programs**

**This is not an official planning sheet and should be used only to indicate the courses' sequence. Students should consult with an advisor to determine the specific courses needed for their path of study.**

For questions, contact uwbprehealth@uw.edu.

# **Math Courses**

## Precalculus

*Start with one of these based on your Directed Self Placement and work your way through the series:*

B MATH 121 >> B MATH 122 >> B MATH 123

## Calculus

*B MATH 123 is a prerequisite for either B MATH 144 or ST MATH 124*

Choose one of the following:

* B MATH 144
* ST MATH 124 >> ST MATH 125 >> ST MATH 126

## Statistics

Choose one of the following (no prerequisites):

* B MATH 215
* B BUS 215
* BIS 215

# **Physics Courses**

## Physics

*ST MATH 124 is a prerequisite for B PHYS 121; there are no prerequisites for B PHYS 114+117*

Choose one of the following:

* B PHYS 121 >> B PHYS 122 >> B PHYS 123
* B PHYS 114+117 >> B PHYS 115+118 >> B PHYS 116+119

# **Chemistry Courses**

## General Chemistry

*Placement into B MATH 123 or a 2.0 in B CHEM 139 is a prerequisite for B CHEM 143+144*

B CHEM 143+144 >> B CHEM 153+154 >> B CHEM 163+164

## Organic Chemistry

*B CHEM 163+164 is a prerequisite for B CHEM 237*

B CHEM 237 >> B CHEM 238+241 >> B CHEM 239+242

# **Biology Courses**

## Biology

*B CHEM 153+154 is a prerequisite for B BIO 200*

General Biology: B BIO 180 >> B BIO 200 >> B BIO 220

## Anatomy & Physiology

*B BIO 200 is a prerequisite for B BIO 351*

B BIO 351 >> B BIO 352

## Microbiology

*B BIO 200 and B CHEM 163+164 are prerequisites for B BIO 370*

*B BIO 200 and B CHEM 163+164 are prerequisites for B BIO 373*

Choose one of the following:

* B BIO 370 >> B BIO 470
* B BIO 373

## Biochemistry

*B BIO 200 and B CHEM 239+242 are prerequisites for B BIO 364*

B BIO 364 >> B BIO 365

## Molecular Biology

*B BIO 200 and B BIO 364 are prerequisites for B BIO 375*