

# James Madison University Advising Guide

BRCC Associate of Science Degree and JMU Advising Guide for a major in Biology. See Biology Notes for information on math placement and secondary education licensure.

## MTH 161 (Precalculus) Start

### First Semester (Fall I)

<b>Course #</b>	<b>Course Description</b>	<b>Credits</b>
ENG 111	College Composition I	3
MTH 161	Precalculus I	3
SDV 101	Student Development (101 for STEM recommended, SDV 100 accepted)	1
CHM 111	General Chemistry I	4
HIS ____	History Elective (HIS 101, 102, 111, 112, 121 or 122)	3

### Second Semester (Spring I)

<b>Course #</b>	<b>Course Description</b>	<b>Credits</b>
ENG 112	College Composition II	3
MTH 162	Precalculus II	3
CHM 112	General Chemistry II	4
_____	Social Science Elective (PSY 230 for Biology Secondary Education)	3
_____	History or Social Science Elective	3

### Third Semester (Fall II)

<b>Course #</b>	<b>Course Description</b>	<b>Credits</b>
MTH 263	Calculus I	4
BIO 101	General Biology I	4
PHY 201	College Physics I	4
CST 100 or CST 110	Public Speaking or Introduction to Communication	3

### Fourth Semester (Spring II)

<b>Course #</b>	<b>Course Description</b>	<b>Credits</b>
MTH 245	Statistics I	3
BIO 102	General Biology II	4
PHY 202	College Physics II	4
_____	Literature Elective	3
_____	Literature/Humanities/Fine Arts Elective	3

Total Credits Required for Associate of Science Degree/JMU Biology requirements – 61. Credits shown (62) may be slightly above 61 due to elective choices.