

# Biological Science Major

The following are course recommendations for students who plan on transferring to a four year college or university to pursue a Bachelor's degree in biology or other related field.

## Recommended MCCC courses

### 1<sup>st</sup> Semester

BIOL 151	Biological Sciences I	4 credits
ENG 151	English Composition I	3 credits
MATH 157	College Algebra <sup>1*</sup>	3 credits
CHEM 151	General College Chemistry I	4 credits
_____	Computer Skills Elective <sup>2*</sup>	<u>2 credits</u>
		<b>16 credits</b>

### 2<sup>nd</sup> Semester

BIOL 153	Biological Sciences II	4 credits
POLSC 151	Introduction to Political Science	3 credits
ENG 152	English Composition II	3 credits
MATH 159	Trigonometry and Analytical Geometry <sup>1*</sup>	3 credits
CHEM 152	General College Chemistry II	<u>4 credits</u>
		<b>17 credits</b>

### 3<sup>rd</sup> Semester

BIOL ____	Biology Elective <sup>3*</sup>	4 credits
CHEM 251	Organic Chemistry I <sup>4*</sup>	4 credits
MATH 171	Calculus I	4 credits
_____	Social Science Elective	<u>3 credits</u>
		<b>15 credits</b>

### 4<sup>th</sup> Semester

CHEM 252	Organic Chemistry II <sup>4*</sup>	4 credits
BIOL ____	Biology Elective <sup>3*</sup>	4 credits
_____	Social Science Elective	3 credits
_____	Humanities Elective	<u>3 credits</u>
		<b>14 credits (Total = 60-62)</b>

### Transfer Information:

Transfer Institutions may require different courses for this transfer program. Students should tailor their MCCC program as closely as possible to the requirements at their four-year school of choice. Meet with a MCCC counselor or faculty advisor for more information.

### Prerequisites:

All students should check for prerequisites for a class before registering. Prerequisites can be found at [www.monroeccc.edu](http://www.monroeccc.edu)

1\* May take MATH 164 (Precalculus) in place of MATH 157 and MATH 159

2\* See the computer skills alternatives listed in college catalog.

3\* Choose from BIOL 154 (Environmental Science), BIOL 251 (Botany), BIOL 252 (Zoology), BIOL 260 (Microbiology), BIOL 264 (Genetics)

4\* May take PHY 151 and PHY 152 in place of CHEM 251 and CHEM 252 (Organic Chemistry to be completed as required at transfer school)

**MCCC degree recommended:** Associate of Science

**Minimum Credits required for degree:** 60

**MCCC faculty contact:**

**Links to Biology BS requirements at some universities:**

MSU:

EMU :

Uof T:

BGSU:

MTU:

Uof M:

Siena Hts:

NMU:

GVSU:

WMU: