

FIRST SEMESTER BLUEPRINT
DEPARTMENT OF BIOLOGICAL SCIENCES

When planning your first semester...

- Students should register for a minimum of 12 credits and no more than 16.
- All First-Year students are required to take First Year Seminar their first term. This is a required writing course, and each section focuses on a different topic for students to explore.
- **QuEST** (Qualities Essential for Student Transformation) courses are Messiah University's general education program completed by all students. Specific recommendations for your first semester are included on the blueprint.
- Science labs meet approximately three hours once a week. As you arrange your class schedule, consider the meeting times of labs first, then design the rest of your schedule around them.
- BIOL 170 is only taught in the fall. You will delay completing some of your major courses for a year if you do not complete this course in the fall.
 - **Note: AP Biology does not meet your required Biology course.**
- Students who have earned AP, CLEP, or IB credit should refer to the information provided here: [AP, CLEP, IB Credit](#).
- You can view the most up-to-date version of the schedule of classes by accessing [The View](#).

The First Semester Blueprint is your guide to course registration in your first semester. Click on your major to view the recommended courses (developed by your faculty) for your first semester at Messiah.

[Biology \(B.S.\)](#)

[Biology with Secondary Teaching Certification \(B.S.\)](#)

[Biopsychology \(B.S.\)](#)

[Environmental Science \(B.S.\)](#)

[Molecular Biology \(B.S.\)](#)

Biology majors – all concentrations (non-teaching)

Students MUST register for the following courses:		<u>Credits</u>
IDFY 101	First Year Seminar	3
BIOL 170	Cell and Animal Physiology AND	4
BIOL 170L	Lab: Cell and Animal Physiology	0
CHEM 105*	General Chemistry I AND	4
CHEM 105L*	Lab: General Chemistry I	0
*Please review the Guidelines for Chemistry Courses		

Select from the following QuEST options to complete your schedule:	<u>Credits</u>
COMM 105 (Fundamentals of Oral Communication)	3
European History or U.S. History** (QuEST/GenEd: Euro History or U.S. History)	3
Language Course (CHIN, FREN, GERM, SPAN)	3
PHIL 101 (Problems in Philosophy)	3

Recommended total credits your first semester:	12-14 credits
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**Search [The View](#) by attribute type(s) noted above

Specific major-related questions may be directed to Dr. Erik Lindquist or Dr. John Harms,
deptbiology@messiah.edu.

Biology with Teaching Certification (B.S.)

Students MUST register for the following courses:		<u>Credits</u>
IDFY 101	First Year Seminar	3
BIOL 170	Cell and Animal Physiology AND	4
BIOL 170L	Lab: Cell and Animal Physiology	0
CHEM 105*	General Chemistry I AND	4
CHEM 105L*	Lab: General Chemistry I	0
*Please review the Guidelines for Chemistry Courses		

Select from the following QuEST options to complete your schedule:		<u>Credits</u>
COMM 105	Fundamentals of Oral Communication	3
Language Course	(CHIN, FREN, GERM, SPAN)	3

Recommended total credits your first semester:	12-14 credits
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Biopsychology (B.S.)

Students MUST register for the following courses:		<u>Credits</u>
IDFY 101	First Year Seminar	3
CHEM 105*	General Chemistry I AND	4
CHEM 105L*	Lab: General Chemistry I	0
*Please review the Guidelines for Chemistry Courses		
ONE of the following combinations:		
BIOL 170+	Cell and Animal Physiology AND	4
BIOL 170L+	Lab: Cell and Animal Physiology	0
OR		
BIOL 185	Human Anatomy and Physiology I AND	4
BIOL 185L	Lab: Human Anatomy and Physiology I	0
*If you are considering a medically related profession, you should register for BIOL 170/170L.		
Students SHOULD register for the following course:		
PSYC 101	Introduction to Psychology	3

Select from the following QuEST options to complete your schedule:	<u>Credits</u>
COMM 105 (Fundamentals of Oral Communication)	3
European History or U.S. History** (QuEST/GenEd: Euro History or U.S. History)	3
Language Course (CHIN, FREN, GERM, SPAN)	3

Recommended total credits your first semester:	12-14 credits
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Environmental Science (B.S.)

Students MUST register for the following courses:		<u>Credits</u>
IDFY 101	First Year Seminar	3
BIOL 170	Cell and Animal Physiology AND	4
BIOL 170L	Lab: Cell and Animal Physiology	0
CHEM 105*	General Chemistry I AND	4
CHEM 105L*	Lab: General Chemistry I	0
*Please review the Guidelines for Chemistry Courses		

Select from the following QuEST options to complete your schedule:	<u>Credits</u>
COMM 105 (Fundamentals of Oral Communication)	3
European History or U.S. History** (QuEST/GenEd: Euro History or U.S. History)	3
Language Course (CHIN, FREN, GERM, SPAN)	3

Recommended total credits your first semester:	12-14 credits
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Molecular Biology (B.S.)

Students MUST register for the following courses:		<u>Credits</u>
IDFY 101	First Year Seminar	3
BIOL 170	Cell and Animal Physiology AND	4
BIOL 170L	Lab: Cell and Animal Physiology	0
CHEM 105*	General Chemistry I AND	4
CHEM 105L*	Lab: General Chemistry I	0
*Please review the Guidelines for Chemistry Courses		

Select from the following QuEST options to complete your schedule:	<u>Credits</u>
COMM 105 (Fundamentals of Oral Communication)	3
European History or U.S. History** (QuEST/GenEd: Euro History or U.S. History)	3
Language Course (CHIN, FREN, GERM, SPAN)	3
PHIL 101 (Problems in Philosophy)	3
Social Science** (QuEST/GenEd: Social Science)	3

Recommended total credits your first semester:	12-14 credits
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