

BIOLOGICAL LABORATORY SCIENCE (BS)
2024-2025 RECOMMENDED PROGRAM SEQUENCE (Full-time)
120 CREDITS

BIOL LAB BS

FRESHMAN YEAR					
Fall Semester		(14 credits)	Winter Semester		(15 credits)
ACES100	Achieving Career and Education Success	3	BIOL111	Organisms and Populations	3
BIOL110	Foundations of Cell Biology	3	BIOL111L	Organisms and Populations Lab	1
BIOL110L	Foundations of Cell Biology Lab	1	CHEM161	General Chemistry II	3
CHEM160	General Chemistry I	3	CHEM161L	General Chemistry II Lab	1
CHEM160L	General Chemistry I Lab	1	ENGL109	Composition	3
MATH120	College Mathematics	3	MATH150	Pre-Calculus	4
SOPHOMORE YEAR					
Fall Semester		(15 credits)	Winter Semester		(17 credits)
BIOL209	Techniques in Laboratory Science	4	BIOL 336	Genetics	4
BIOL211	Microbiology	3	CHEM255	Organic Chemistry II	3
BIOL211L	Microbiology Lab	1	CHEM255L	Organic Chemistry II Lab	1
CHEM250	Organic Chemistry I	3	COMM120	Presentation Techniques	3
CHEM250L	Organic Chemistry I Lab	1	STAT219	Introduction to Biostatistics	3
ENGL110	Advanced Composition	3		Open Elective	3
JUNIOR YEAR					
Fall Semester		(17 credits)	Winter Semester		(14 credits)
BIOL354	Cell and Molecular Biology	3	BITS212	Microcomputer Applications: Database	3
BIOL354L	Cell and Molecular Biology Lab	1	CHEM310	Biochemistry	3
BITS211	Microcomputer Applications: Spreadsheet	3	CHEM310L	Biochemistry Lab	1
PHYS210	Fundamentals of Physics I	3	ENGL311	Professional Writing	3
PHYS210L	Fundamentals of Physics I Lab	1	PHYS220	Fundamentals of Physics II	3
SOSC201	Diversity in Society	3	PHYS220L	Fundamentals of Physics II Lab	1
	Open Elective	3			
SENIOR YEAR					
Fall Semester		(14 credits)	Winter Semester		(14 credits)
BIOL382	Science Ethics	3	BIOL430	Advanced Microbiology	3
BIOL458	Forensic Science	3	BIOL430L	Advanced Microbiology Lab	1
BIOL458L	Forensic Science Lab	1	BIOL486	Introduction to Bioinformatics	3
BIOL494	Foundations of Research	1	BIOL490	Biological Laboratory Internship or elective	3
SOSC301	Globalization and World Diversity	3	BIOL496	Capstone Research Project	2
	Open Elective	3		Open Elective	2

This information is subject to change and cannot be considered an agreement or contract between individual students and Davenport University. Refer to the current University catalog to confirm degree requirements.