



BIOLOGY, AS to BIOMEDICAL SCIENCES, BS

SUGGESTED SEQUENCE AT STARK STATE COLLEGE			SUGGESTED SEQUENCE AT THE UNIVERSITY OF AKRON	
Semester 1	16 Credit Hours	UA Equivalent	Semester 5	12 Credit Hours
SSC101 Student Success Seminar	1	GNST EL Univ Orientation	SOC100 Introduction to Sociology GNEC Social Science	3
ENG124 College Composition	3	ENGL111 English Composition GNEC Writing	BIO311 Cell and Molecular Biology	3
BIO141 General Biology I	4	BIOL111 Principles of Biology I GNEC Natural Science	STAT261 Introduction to Statistics	2
PSY121 General Psychology	3	PSYC100 Introduction to Psychology GNEC Social Science	STAT262 Introductions to Statistics II	2
CHM141 General Chemistry I (lab)	5	CHEM151 Principles of Chemistry I CHEM152 Principles of Chemistry I Lab GNEC Natural Sciences	BIOL363 Foundations of Physiology Lab	2
Semester 2	16-17 Credit Hours	UA Equivalent	Semester 6	16 Credit Hours
ENG231 College Composition II	3	ENG112 English Composition II GNEC Writing	ANTH309 Medicine in the Humanities	3
BIO142 General Biology II	4	BIOL112 Principles of Biology II GNEC Natural Science	CHEM402 Biochemistry II	3
CHM142 General Chemistry II (lab)	5	CHEM153 Principles of Chemistry II CHEM154 Principles of Chemistry II Lab GNEC Natural Sciences	PHYS261 Physics for Life Sciences	4
MTH135 Precalculus or MTH223 Analytic Geometry and Calculus I	4-5	MATH149 Precalculus or MATH221 Analytic Geometry Calculus I GNEC Mathematics, Statistics and Logic	GNEC Global Diversity	3
Semester 3	16 Credit Hours	UA Equivalent	Semester 7	15 Credit Hour
CHM241 Organic Chemistry I (lab)	5	CHEM263 Organic Chemistry I Chem265 Organic Chemistry Lab I	PHYS262 Physics for Life Sciences II	4
BIO241 Genetics	4	BIOL211 Genetics Lecture BIOL212 Lab	Upper-Level Biology Elective	3
BIO200 Ecology	4	BIOL217 General Ecology	Upper-Level Biology Elective	3

Arts and Humanities Elective	3	GNEDEd Art or GNEDEd Humanities	BIOL363 Foundations of Physiology Lecture	3
			BIOL364 Foundations of Physiology Lab	2
Semester 4	14 Credit Hours	UA Equivalent	Semester 8	14 Credit Hours
CHM242 Organic Chemistry II (lab)	5	CHEM264 Organic Chemistry II Chem266 Organic Chemistry Lab II	BIOL316 Evolutionary Biology	3
SOC225 Diversity in American Society	3	GNEDEd Social Science GNEDEd Domestic Diversity	Upper-Level Biology Elective	3
Arts and Humanities Elective	3	GNEDEd Art or GNEDEd Humanities	BIOL485 Cell Physiology	3
SCI273 Special Topics in Science	3		BIOL486 Cell Physiology Lab	2
			Elective	3
Total credits from Stark State College: 62-63			Total credits for degree: 120	

**Last 30 credits must be earned at the University of Akron*

*** General Education Courses may have equivalents at Stark State College, please refer to <https://www.uakron.edu/transfer/td/>*

****A total of 40 credits of 300/400 level courses must be taken in and outside of the students major.*

Contact:

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