



PRE-MEDICAL PROFESSIONAL, AS to BIOLOGY, BS

SUGGESTED SEQUENCE AT STARK STATE COLLEGE			SUGGESTED SEQUENCE AT THE UNIVERSITY OF AKRON	
Semester 1	16 Credit Hours	UA Equivalent	Semester 5	15 Credit Hours
SSC101 Student Success Seminar	1	GNST EL Univ Orientation	Foreign Language Requirement	4
ENG124 College Composition	3	ENGL111 English Composition GNED Writing	BIO311 Cell and Molecular Biology	3
BIO141 General Biology I	4	BIOL111 Principles of Biology I GNED Natural Science	BIOL217 General Ecology	3
PSY121 General Psychology	3	PSYC100 Introduction to Psychology GNED 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 GNED Natural Sciences	Elective	3
Semester 2	16 Credit Hours	UA Equivalent	Semester 6	13 Credit Hours
ENG231 College Composition II	2	ENG112 English Composition II GNED Writing	Foreign Language Requirement	4
BIO142 General Biology II	4	BIOL112 Principles of Biology II GNED Natural Science	BIOL316 Evolutionary Biology	3
CHM142 General Chemistry II (lab)	5	CHEM153 Principles of Chemistry II CHEM154 Principles of Chemistry II Lab GNED Natural Sciences	Upper-Level Biology Elective	3
MTH135 Precalculus	5	MATH139 Precalculus Mathematics GNED Mathematics, Statistics and Logic	Upper-Level Biology Elective	3
Semester 3	15 Credit Hours	UA Equivalent	Semester 7	15 Credit Hour
CHM241 Organic Chemistry I (lab)	5	CHEM263 Organic Chemistry I Chem265 Organic Chemistry Lab I	Foreign Language Requirement	3
BIO241 Genetics	4	BIOL211 Genetics Lecture BIOL212 Lab	Upper-Level Biology Elective	3
MTH124 Statistics	3	STAT260 Basic Stats	Upper-Level Biology Elective	3
Arts and Humanities Elective	3	GNED Art or GNED Humanities	Upper-Level Biology Elective	3
			GNED Global Diversity**	3

Semester 4	15 Credit Hours	UA Equivalent	Semester 8	13 Credit Hours
CHM242 Organic Chemistry II (lab)	5	CHEM264 Organic Chemistry II Chem266 Organic Chemistry Lab II	Foreign Language Requirement	3
SOC225 Diversity in American Society	3	GNED Social Science GNED Domestic Diversity	GNED Complex Issues Facing Society**	3
Arts and Humanities Elective	3	GNED Art or GNED Humanities	Upper-Level Biology Elective	3
MTH223 Analytic Geometry and Calculus I	4	MATH221 Analytic Geometry Calculus I GNED Mathematics, Statistics and Logic	Upper-Level Biology Elective	3
			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/transfer/>*

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

Contact:

*bcasadvising@uakron.edu
330.972.7880*

*Transfer and Adult Education Center:
transfer@uakron.edu
<https://www.uakron.edu/transfer/>
330-972-7009*



PRE-MEDICAL PROFESSIONAL, AS TO BIOMEDICAL SCIENCES, BS

**SUGGESTED SEQUENCE AT
STARK STATE COLLEGE**

**SUGGESTED SEQUENCE AT
THE UNIVERSITY OF AKRON**

Semester I	16 Credit Hours	UA Equivalent	Semester 5	15 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	Upper-Level Biology Elective	3
BIO141 General Biology I	4	BIOL111 Principles of Biology I GNEC Natural Science	PHYS261 Physics for Life Sciences	4
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	CHEM401 Biochemistry I	3
Semester 2	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	PHYS262 Physics for Life Sciences II	4
MTH135 Precalculus	5	MATH139 Precalculus Mathematics GNEC Mathematics, Statistics and Logic	GNEC Global Diversity	3
Semester 3	15 Credit Hours	UA Equivalent	Semester 7	14 Credit Hour
CHM241 Organic Chemistry I (lab)	5	CHEM263 Organic Chemistry I Chem265 Organic Chemistry Lab I	PHIL 361 Biomedical Ethics	3
BIO241 Genetics	4	BIOL211 Genetics Lecture BIOL212 Lab	Elective	3
MTH124 Statistics	3	STAT260 Basic Stats	Upper-Level Biology Elective	3
Arts and Humanities Elective	3	GNEC Art or GNEC Humanities	BIOL363 Foundations of Physiology Lecture	3
			BIOL364 Foundations of Physiology Lab	2

Semester 4	15 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	GNED Social Science GNED Domestic Diversity	Upper-Level Biology Elective	3
Arts and Humanities Elective	3	GNED Art or GNED Humanities	BIOL485 Cell Physiology	3
MTH223 Analytic Geometry and Calculus I	5	MATH221 Analytic Geometry Calculus I GNED Mathematics, Statistics and Logic	BIOL486 Cell Physiology Lab	2
			Elective	3

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Total credits for degree: 120

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