



CHEMISTRY, AS to CHEMISTRY, 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	CHEM313 Physical Chemistry I Lecture	3
ENG124 College Composition	3	ENGL111 English Comp GNED Writing	Foreign Language Requirement	4
SOC225 Diversity in American Society	3	GNED Domestic Diversity GNED Social Science	CHEM423 Analytical Chemistry Lecture	2
MTH223 Analytic Geometry and Calculus I	4	MATH221 Analytic Geometry and Calculus GNED Mathematics, Statistics, and Logic	CHEM380 Advanced Chemistry Lab I	3
CHM141 General Chemistry I (lab)	5	CHEM 151 Principles of Chemistry I CHEM152 Principles of Chemistry I Lab GNED Natural Sciences w/lab	MATH335 Introduction to Ordinary Differential Equations	3
Semester 2	15 Credit Hours	UA Equivalent	Semester 6	15 Credit Hours
MTH224 Analytic Geometry and Calculus II	4	MATH222 Analytic Geometry Calculus II GNED Mathematics, Statistics and Logic	Foreign Language Requirement	4
Social and Behavioral Science Elective	3	GNED Social Sciences Requirement	CHEM424 Analytical Chemistry Lecture II	3
CHM142 General Chemistry II (lab)	5	CHEM 153 Principles of Chemistry II CHEM154 Principles of Chemistry II Lab GNED Natural Sciences w/lab	CHEM314 Physical Chemistry II Lecture	3
Arts and Humanities Elective	3	GNED Humanities or GNED Arts	Upper-Level Chemistry Elective	3
			CHEM381 Advanced Laboratory II	2
Semester 3	16-17 Credit Hours	UA Equivalent	Semester 7	14 Credit Hour
CHM241 Organic Chemistry I (Lab)	5	CHEM263 Organic I CHEM265 Organic Chemistry Lab	Foreign Language Requirement	3
PHY221 General Physics w/ Calculus I (lab)	4	PHYS291 Elementary Classical Physics GNED Natural Science	CHEM472 Advanced Inorganic Chemistry Lecture	3
Arts and Humanities Elective	3	GNED Humanities or GNED Arts	CHEM480 Advanced Chemistry III	2
			GNED Global Diversity**	3

MTH225 Analytic Geometry and Calculus III	4	MATH223 Analytic Geometry and Calculus II	Upper-Level Chemistry Elective	3
Semester 4	17 Credit Hours	UA Equivalent	Semester 8	12 Credit Hours
CHM242 Organic Chemistry II (lab)	5	CHEM264 Organic Chemistry II CHEM266 Organic Chemistry Lab II	GNED Complex Issues Facing Society**	3
PHY222 General Physics II w/ Calculus (lab)	4	PHYS292 Elementary Classical Physics II GNED Natural Science Requirement w/lab	Foreign Language Requirement	3
MTH225 Analytic Geometry and Calculus III	4	MATH223 Analytic Geometry Calculus II GNED Mathematics, Statistics and Logic	Upper-Level Chemistry Elective	3
			Upper-Level Chemistry Elective	3

Total credits from Stark State College: 64-65

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/ted/>*

****A total of 40 credits of 300/400 level courses must be taken in and outside of the student's major*

Contact:

BCAS advising

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330-972-7880

Transfer and Adult Education Center:

transfer@uakron.edu

<https://www.uakron.edu/transfer/>

330-972-7009