

ASSOCIATE OF SCIENCE TO BACHELOR OF ARTS IN CHEMISTRY

SUGGESTED SEQUENCE AT CUYAHOGA COMMUNITY COLLEGE		
Semester One	15 Credits	KSU Equivalent
ENG 1010/101H College Composition I	3	ENG 11011 (KCP1)
CHEM 1300/130L General Chemistry I and Lab	5	CHEM 10060 (KBS) & CHEM 10062 (KLAB)
OTM Social/Behavioral Science Elective	3	(KSS)
MATH 1530 College Algebra	4	MATH 11010 (KMCR)
Semester Two	17 Credits	KSU Equivalent
ENG 1020 /102H College Composition II [^] or ENG 2151 Technical Writing	3	ENG 21011 (KCP2) or ENG 2002 (KCP2)
CHEM 1310/131L General Chemistry II and Lab	5	CHEM 10061 (KBS) CHEM 10063 (KLAB)
OTM Arts/Humanities Elective***	3	(KHUM/KFA)
MATH 1540 Trigonometry	3	MATH 11022 (KMCR)
OTM Social/Behavioral Elective	3	(KSS)
Semester Three	17-18 Credits	KSU Equivalent
PHYS 1210 College Physics I	4	PHY 13001 (KBS) & PHY 13021 (KLAB)
CHEM 2300 Organic Chemistry I	5	CHEM 2X000 (KBS, KLAB)
MATH 1610 Calculus I	5	MATH 12002 (KMCR)
TAG Foreign Language*	3-4	Several options available
Semester Four	15-16 Credits	KSU Equivalent
CHEM 2310 Organic Chemistry II	5	CHEM 2X000 (KBS, KLAB)
TAG Foreign Language*	3-4	Several options available
PHYS 1220 College Physics II	4	PHY 13002 (KBS) & PHY 13022 (KLAB)
OTM Arts/Humanities Elective***	3	(KHUM/KFA)
64-66 TOTAL CREDIT HOURS TO COMPLETE AS FROM CUYAHOGA COMMUNITY COLLEGE		

SUGGESTED SEQUENCE AT KENT STATE UNIVERSITY	
Semester Five	18-19 Credits
CHEM 20481 Basic Organic Chemistry I or CHEM 30481 Organic Chemistry I	3-4
CHEM 30475 Organic Chemistry Laboratory I (ELR)	1
CHEM 30105 Analytical Chemistry I	3
CHEM 30107 Analytical Chemistry Lab (WIC)****	1
Foreign Language	3
Kent Core Social Science (KSS)	3
General Electives – Upper Division**	4
Semester Six	15-16 Credits
CHEM 20482 Basic Organic Chemistry II or CHEM 30482 Organic Chemistry II	2-3
CHEM 30476 Organic Chemistry Laboratory II	1
CHEM 30301 Inorganic Chemistry I	2
CHEM 30284 Introductory Biological Chemistry	4
Foreign Language	3
General Electives**	3
Semester Seven	16-18 Credits
CHEM 40302 Inorganic Chemistry II	2
CHEM 40567 Physical Chemistry for Life Sciences	4
Chemistry Elective	1-3
General Electives** – Upper Division (Foreign Language if needed)*	9
Semester Eight	16 Credits
General Electives** – Upper Division (Foreign Language if needed)*	15
CHEM 40568 Elementary Physical Chemistry Lab	1
129-135 TOTAL CREDIT HOURS TO COMPLETE BA FROM KSU, INCLUDING TRANSFER COURSEWORK	

OTM refers to the Ohio Transfer Module. See the list of approved courses from ODHE.

*Students in BA degrees at Kent State have a four course foreign language requirement. The credit hours needed may differ depending on the student record.

**Students need 42 upper-division hours to graduate with the BA. The credit hours needed may differ depending on the student record.

*** Minimum one course must be selected from the Humanities in Arts and Sciences area, and minimum one course must be selected from the Fine Arts area.

Please consult the [Transfer Credit Guide](#).

**** A minimum C grade must be earned to fulfill the writing-intensive requirement

[^] ENG 1020 /102H College Composition II is recommended in preparation for Writing Intensive Course (WIC).

This Transfer Pathway completes the Associate of Science degree, which must total at least 60 semester credits and includes 36-40 credits of the Ohio Transfer Module (OTM), which are approved Tri-C general education requirements. OTM details can be found at <https://www.ohiohighered.org/transfer/transfermodule>.

Requirements to graduate with the BA degree program: To graduate, students must have minimum 120 credit hours, 42 upper-division credits hours of coursework, a minimum 2.00 major GPA and minimum 2.00 cumulative GPA. They must also fulfill an approved experiential learning experience, a two-course diversity requirement (domestic and global), complete a writing intensive course with a minimum C (2.000) grade. Please be aware of Kent State's residence policy, which can be found in the Kent State University Catalog. More specific graduation requirement information can be found in the Academic Policies section of the Kent State University Catalog (www.kent.edu/catalog).

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It is recommended that students intending to pursue the Bachelor of Arts in Chemistry through Kent State University consult with academic advisors at both Cuyahoga Community College and Kent State University.

Contact Information:

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Cuyahoga County Community College

Campus Counseling Center
www.tri-c.edu/counseling-center

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