

ASSOCIATE OF SCIENCE TO BACHELOR OF SCIENCE IN BIOLOGY, MOLECULAR AND CELLULAR BIOLOGY CONCENTRATION

SUGGESTED SEQUENCE AT CUYAHOGA COMMUNITY COLLEGE

Semester One	13-14 Credits	KSU Equivalent
ENG 1010/101H College Composition I	3	ENG 11011 (KCP1)
BIO 1500 Principles of Biology I	4	BSCI 10120 (KBS, KLAB)
OTM Social/Behavioral Elective	3	(KSS)
MATH 1530 College Algebra or 1540 Trigonometry, if needed	3-4	MATH 11010 (KMCR)
Semester Two	13-14 Credits	KSU Equivalent
ENG 1020 /102H College Composition II* or ENG 2151 Technical Writing	3	ENG 21011 (KCP2) or ENG 2002 (KCP2)
BIO 1510 Principles of Biology II	4	BSCI 10110 (KBS, KLAB)
CHEM 1010 Intro to Inorganic Chemistry, if necessary, or General Elective	3-4	CHEM 1X000 (KBS, KLAB)
OTM Arts/Humanities Elective**	3	(KHUM/KFA)
Semester Three	16-17 Credits	KSU Equivalent
OTM Arts/Humanities Elective**	3	(KHUM/KFA)
CHEM 1300/130L General Chemistry I and Lab	5	CHEM 10060 (KBS) & CHEM 10062 (KLAB)
MATH 1610 Calculus I	5	MATH 12002 (KMCR)
TAG Foreign Language	3-4	Several options available
Semester Four	16-17 Credits	KSU Equivalent
CHEM 1310/131L General Chemistry II and Lab	5	CHEM 10061 (KBS) & CHEM 10063 (KLAB)
TAG Foreign Language	3-4	Several options available
MATH 1620 Calculus II	5	MATH 12003 (KMCR)
OTM Social/Behavioral Elective	3	(KSS)

60-62 TOTAL CREDIT HOURS TO COMPLETE AS FROM CUYAHOGA COMMUNITY COLLEGE

SUGGESTED SEQUENCE AT KENT STATE

Semester Five	13-17 Credits
CHEM 20481 or 30481 (Basic) Organic Chemistry I	3-4
BSCI 30140 Cell Biology	4
Concentration Electives	6
Organic Chemistry Elective ^a	0-3
Semester Six	13-18 Credits
BSCI 30156 Elements of Genetics	3
BSCI 40600 Writing in BSCI (WIC)***	1
BSCI 40158 Molecular Biology ^b	3
Organic Chemistry Elective ^a	0-3
Concentration Electives	6-8
Semester Seven	18 Credits
BSCI 40163 Evolution	3
Concentration Requirements	9
General Electives, Upper Division if needed	6
Semester Eight	14 Credits
Concentration Requirements	9
General Electives, Upper Division if needed	5

120-129 TOTAL CREDIT HOURS TO COMPLETE BS FROM KSU, INCLUDING TRANSFER COURSEWORK

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

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

** 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.

a To meet concentration requirements, the organic chemistry elective must be taken in semester 5 (CHEM 30475 Organic Chemistry I Lab) or semester 6 (CHEM 20482 or 30482 Organic Chemistry II Lecture).

b BSCI 40158 offered spring only.

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 BS 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 Science in Biology, Molecular and Cellular Biology Concentration through Kent State University consult with academic advisors at both Cuyahoga Community College and Kent State University.

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Cuyahoga County Community College

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

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