

SUGGESTED SEQUENCE AT LORAIN COUNTY COMMUNITY COLLEGE

First Year

Fall Semester	Credits	Spring Semester	Credits
ENGL 161 College Composition I (grade of C- or higher required)	3	ENGL 162 College Composition II (grade of C- or higher required)	3
BIOG 161 Principles of Biology I	4	BIOG 162 Principles of Biology II	4
CHMY 171 General Chemistry I	5	CHMY 172 General Chemistry II	5
MTHM 168 Statistics* or MTHM 181 Calculus I*	3 or 5	MTHM 181 Calculus I* or MTHM 182 Calculus II*	5
SDEV 101 College 101	1		
Semester Total	16 or 18	Semester Total	17

Second Year

Fall Semester	Credits	Spring Semester	Credits
CHMY 271 Organic Chemistry I	5	BIOG 260 Botany	4
BIOG 275 Genetics	4	Social Science Elective	3
Social Science Elective	3	Arts & Humanities Elective	3
Arts & Humanities Elective	3	General Elective	3
Semester Total	15	Semester Total	13
		Total minimum credits earned at LCCC	61 or 63
		Associate of Science Awarded	

Completion of the AS is required. By the end of the 4th semester, students should have completed LCCC's AS requirements and have earned Junior standing.

SUGGESTED SEQUENCE AT CSU

Third Year

Fall Semester	Credits	Spring Semester	Credits
PHY 231 College Physics I	4	BIO 306/307 or BIO 304/305**	4
BIO 302/303 or 308/309 **	4	Biology Elective**	4
General Elective	3	PHY 232 College Physics II	4
General Elective	3	General Elective	3
Semester Total	14	Semester Total	15

Fourth Year

Fall Semester	Credits	Spring Semester	Credits
BIO 390 Writing in Biology (Recommended)**	3	BIO 499 Exit Evaluation	0
Biology Elective**	4	BIO 495 Seminar**	2
Biology Elective**	4	Biology Elective**	4
General Elective	1	General Elective 300/400 Level (If Needed)	3
General Elective 300/400 Level (If Needed)	3	General Elective	3
		General Elective	1 or 3
Semester Total	15	Semester Total	13 or 15
		Bachelor of Science Awarded	120

Pre-Requisites:

College-ready in MATH and ENG

2 years of the same foreign language completed in high school

Students who do not meet these pre-requisites may need to complete additional credits

*BS in Biology requires completion of one of the following math combinations: (1) MTHM 168 & STA 347 at CSU; (2) MTHM 181 & 182; or (3) MTHM 168 & 181.

**Biology majors must have a minimum cumulative GPA of 2.0 across all CSU biology courses used to fulfill the major-field requirements.

Students who do not complete the Associate of Science degree are responsible for the completion of the entire General Education Requirements at Cleveland State University.

This information is provided solely for the convenience of the reader, and Cleveland State University expressly disclaims any liability which may otherwise be incurred. This publication is neither a contract nor an offer to make a contract. While every effort has been made to ensure the accuracy of the information, CSU reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, or any other subject addressed herein.

This map represents one example of how to complete the AS and BS degrees. Students should work closely with counselors/advisors at both institutions to discuss options.

CSU requires a minimum of 120 total credit hours for graduation. At least 30 credits must be completed in-residence at CSU. At least 24 of the in-residence credits must be completed at the upper division (300/400) level. An overall total of 42 upper division (300/400) level credits are required. Students deficient in total credits or in-residence must take additional elective credits to meet the minimum requirements. Depending upon other elective choices made, students may not need as many general electives as indicated above, or may need additional electives.