

SUGGESTED SEQUENCE AT LORAIN COUNTY COMMUNITY COLLEGE

First Year

Fall Semester	Credits	Spring Semester	Credits
ENGL 161 College Composition I*	3	ENGL 162 College Composition II*	3
MTHM 181 Calculus I*	5	MTHM 182 Calculus II*	5
SDEV 101 College 101	1	Social Science Elective	3
CMPR 166 Intro to Computer Science	3	General Elective	3
General Elective	3		
Semester Total	15	Semester Total	14

Second Year

Fall Semester	Credits	Spring Semester	Credits
PHYC 251 College Physics I	5	PHYC 252 College Physics II	5
MTHM 281 Multivariable Calculus	4	Arts and Humanities Elective	3
Arts and Humanities Elective	3	General Elective	3
Social Science Elective	3	General Elective	3
		General Elective	2
Semester Total	15	Semester Total	16
			Total minimum credits earned at LCCC
			Associate of Science Awarded
			60

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 340 Mechanics and Vibrations I	3	PHY 330 Intro to Modern Physics	3
PHY 474 Thermal Physics	3	PHY 325 Intro Theroretical Physics	3
STEM Elective (300/400 level)	3	PHY 341 Mechanics and Vibrations II	3
Writing Across the Curriculum Elective	3	PHY 482 (as 300/400 level STEM Elective and WAC in major)	3
General Elective	3	General Elective	3
Semester Total	15	Semester Total	15

Fourth Year

Fall Semester	Credits	Spring Semester	Credits
PHY 350 Electricity and Magnetism I	3	PHY 351 Electricity and Magnetism II	3
PHY 335, 360, or 455**	3	PHY 335, 360, or 455**	3
PHY 450 Optics and Electromagnetic Waves	3	PHY 440 Quantum Physics I	3
General Elective	3	PHY 475 Statistical Physics	3
General Elective	3	General Elective	3
Semester Total	15	Semester Total	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

*Grade of "C-" or higher required.
 ** Choose 2 courses from PHY 335, 360, or 455

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.

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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.

Additional Information:

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.