

## 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
Arts and Humanities Elective	3	General Elective** (BS Math science elective recommended)	3
Social Science Elective	3		
<b>Semester Total</b>	<b>15</b>	<b>Semester Total</b>	<b>14</b>

### Second Year

Fall Semester	Credits	Spring Semester	Credits
PHYC 251 College Physics I	5	PHYC 252 College Physics II	5
MTHM 280 Linear Algebra*	4	MTHM 270 Discrete Mathematics*	3
MTHM 281 Multivariable Calculus*	4	MTHM 283 Differential Equations*	3
General Elective** (BS Math science elective recommended)	3	Arts and Humanities Elective	3
		General Elective	3
<b>Semester Total</b>	<b>16</b>	<b>Semester Total</b>	<b>17</b>
<b>Total minimum credits earned at LCCC</b>			<b>62</b>
<b>Associate of Science Awarded</b>			

*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
MTH 300-Level Course	3	MTH 396 Junior Seminar	2
MTH 300-Level Course	3	MTH 358 Abstract Algebra (recommended as 300-level elective)	3
Science Elective**	3	MTH 300-Level Course	3
Upper-Division General Elective	3	Science Elective**	3
General Elective	3	General Elective	3
<b>Semester Total</b>	<b>15</b>	<b>Semester Total</b>	<b>14</b>

### Fourth Year

Fall Semester	Credits	Spring Semester	Credits
MTH 400-Level Course	3	MTH 496 Senior Project	3
MTH 400-Level Course	3	MTH 400-Level Course	3
General Elective <b>OR</b> WAC Elective* (if MTH 358 not taken as recommended)	3	Upper-Division General Elective	3
Upper-Division General Elective	3	Upper-Division General Elective	3
Upper-Division General Elective	3	General Elective	2
<b>Semester Total</b>	<b>15</b>	<b>Semester Total</b>	<b>14</b>
<b>Bachelor of Science Awarded</b>			<b>120</b>

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.

\*\*BS in Mathematics students must complete 12 science credits (not including PHYC 251/252). LCCC's BIOG 121,122, 161, and 162; and CHMY 161, 162, 171, and 172 are applicable toward this requirement. If not completed at LCCC, students should add additional BIO, GEO, EVS, CHM, PHY, or CIS courses (must be at least 200-level). STA 347, 421, 431, 435, 436, and 467 are also applicable toward this requirement.

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.*