<table>
<thead>
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<th>Fall Year 1</th>
<th>Winter Year 1</th>
<th>Spring Year 1</th>
<th>Fall Year 2</th>
<th>Winter Year 2</th>
<th>Spring Year 2</th>
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</thead>
</table>
| CHEM 060 INTRODUCTION TO GENERAL CHEMISTRY | CHEM 101 GENERAL CHEMISTRY I  
Prerequisite: MATH 115  
Advisories: ENGLISH 028, ENGLISH 067, MATH 125 | To reduce units in primary terms, it is suggested to take a GE course (3 units) | PHYSICS 101 PHYSICS FOR ENGINEERS AND SCIENTISTS I  
Prerequisite: MATH 261  
Advisory: PHYSICS 011  
Also fulfills Area A requirement | To reduce units in primary terms, it is suggested to take a GE course (3 units) | PHYSICS 102 PHYSICS FOR ENGINEERS AND SCIENTISTS II  
Prerequisite: PHYSICS 101  
Corequisite: MATH 262 | 5 units |
|                          | MATH 260 PRECALCULUS  
Prerequisite: MATH 240 or MATH 258 or Placement by multiple measures | MATH 261 CALCULUS I  
Prerequisite: MATH 260  
Also fulfills Area D2 requirement | MATH 262 CALCULUS II  
Prerequisite: MATH 261 | MATH 263 CALCULUS III  
Prerequisite: MATH 262 | MATH 275 ORDINARY DIFFERENTIAL EQUATIONS  
Prerequisite: MATH 262 | 3 units |
|                          | ENG GEN 101 INTRODUCTION TO SCIENCE, ENGINEERING AND TECHNOLOGY | ENG GEN 120 INTRO TO PROGRAMMING CONCEPTS AND METHODOLOGIES FOR SCIENTISTS AND ENGINEERS  
Prerequisite: MATH 260 | ENG GEN 131 STATICS  
Prerequisite: PHYSICS 101 | ENG GEN 153 MATERIALS OF ENGINEERING LABORATORY  
Prerequisite or Corequisite: ENG GEN 151 | *Area C: Humanities  
Choose any 3 - 5 units | 1 unit |
|                          | ENG GEN 212 INTRODUCTION TO ENGINEERING DESIGN | Area D1: English Composition  
ENGLISH 101 COLLEGE READING AND COMPOSITION I  
Prerequisite: ENGLISH 028 or ESL 008 or Placement by multiple measures; Advisory: ENGLISH 108 | *Area B1: American Institutions  
Choose any 3 units | *Area B2: Social and Behavioral Sciences  
Choose any 3 units | *Area B3: Other  
Choose any 3 units |               |

Semester Units: 15
Winter Year 1: 17
Spring Year 1: 16
Fall Year 2: 3
Winter Year 2: 14 to 16
Spring Year 2: 65 to 67

Area E1/E2 units waived as this is a high unit program

Major Units: 53
(10 units also fulfill GE requirements)

General Education (GE) Units (21 unit minimum): 22 to 24

Total Units (60 unit minimum): 65 to 67

*For the complete list of LACC General Education requirements, see the LACC Catalog, p.72. Area D1: English Composition (English 101) and Area D2: Communication and Analytical Thinking should be taken within the first year. All other GE courses can be taken in any semester. If appropriate, English and Math can be taken in the same semester.

Students who feel they need additional support in order to be successful in English and math should see a counselor for information about support courses, tutoring services, and boot camps.