<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
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</table>
| 1st Semester – Fall, Freshman Year | First-Year Composition 1  
WRT 101  
ENGL 101 First Year Composition  
Introductory Biology I  
BIO 181IN  
MCB 181R & MCB 181L General Biology I  
Second Language - First Semester  
SPA 101, FRE 101, etc.  
Second Language  
Introductory course (BAT 102, NEW course, Fall only)  
AGEC-S (Humanities)  
General Education |
| 2nd Semester – Spring, Freshman Year | First-Year Composition 2  
WRT 102  
ENGL 102 First Year Composition  
Introductory Biology II  
BIO 182IN  
ECOL 182R & ECOL 182L General Biology II  
Second Language - Second Semester Proficiency  
SPA 102, FRE 102, etc.  
Second Language  
First Semester Calculus I  
(MATH 122A/B or MATH 125)  
MAT 220  
MATH 122A/MATH 122B Calculus I  
Basic Computer Skills for Office Applications (BE/BAT 120) |
| 3rd Semester – Fall, Sophomore Year | General Chemistry I  
(3 unit Lec + 1 unit Lab)  
CHM 151IN  
CHEM 151 General Chemistry I  
Data Science  
(ESOC 214 or ISTA 131)  
PHY 121IN  
PHYS 102 & PHYS 181 General Physics  
An introductory computer/programming class?  
Introduction to Biosystems Engineering (BAT/BE 201, Fall only)  
AGEC-S (Social & Behavioral Sciences)  
General Education  
Introduction to Biosystems Analytics (BAT/BE 310, Spring only)  
AGEC-S (Fine Arts)  
General Education |
| 4th Semester – Spring, Sophomore Year | General Chemistry II  
(3 unit Lec + 1 unit Lab)  
CHM 152IN  
CHEM 152 General Chemistry II  
Statistics  
(MATH 263 or BIOS 376 or AREC 239)  
BUS 205 or any 200 level Statistics course  
Statistics (MATH 263 or BIOS 376 or AREC 239)  
Tier I General Education-INDV  
AGEC-S (Social & Behavioral Sciences)  
General Education  
Engineering Analysis & Problem Solving (BAT/BE 205, Spring only)  
Elective  
Elective Credit  
Intro to Sensors & Controls (BAT 247, NEW course, Spring only)  
STU 210  
Elective Credit |