

HACC  
Biology  
ENGL 101  
Eng 102  
COMM 101  
HUM/Arts elective  
SS/BS elective  
Math elective  
Math/Science elective  
Science w lab elective  
Wellness  
FYS elective  
BIOL 102  
CHEM 102  
CHEM 203  
CHEM 204  
BIOL electives  
Transfer electives  
MATH 116

**Total**

Foundation requirements

MATH 280 Intro Statistics  
MATH 220 Calculus

GEND requirements

GEND 201 Civic Mind  
GEND 351 Org Mind  
Total

Experiential requirements

BTEC 298 Project I  
BTEC 365 Internship  
BTEC 498 Project II  
SEMR 200 Steppingstone  
SEMR 300 Keystone  
SEMR 400 Capstone

Total

### Core courses required for the major

BIOL281/282	Cell Biology/Lab
BIOL 370	Molecular Biology
BTEC 170	Intro to Biotechnology
BTEC 350	Biotechnology Techniques
BTEC 351	Biotechnology Applications
BTEC ele	Biotech electives

Free electives

Total

62 credits

HACC Course	Credits
English Composition I	3
English Composition II	3
Effective Speaking	3
Humanities/Arts Elective	3
Social & Behavioral Science Elective	3
Mathematics - MATH 104 (Trigonometry)	3
Math or Science elective- CHEM 101 (Chemistry I)	4
Science with Lab elective- BIOL 101	4
Wellness	1
First Year Seminar Elective	1
General Biology II	4
Inorganic Chemistry & Qualitative Analysis	4
Organic Chemistry I	4
Organic Chemistry II	4
Biology electives	8
Transfer electives	6
College Algebra for Calculus	4

**62**

**To be completed at HU 58**

3

3

6

6

**18**

3

3

3

1

1

1

**12**

4

4

3

4

4

7

**26**

2

**2**

**58**

HU Equivalent Course

Biotechnology- General BTEC concentration

HU Course	Credits
ENGL 105 – College Composition	3
ENGL 200- Advanced Composition and Technical Writing	3
COMM 110- Speech	3
GEND 103- The Creative Mind II	3
GEND 102- The Creative Mind I	3
MATH 140- Trigonometry (sub for GEND 112- Scientific Mind : PS)	3
CHEM 151/152- General Chemistry I	4
BIOL 102/103- General Biology I Lecture and Lab	4
free elective	1
SEMR 100- Cornerstone	1
GEND 113- Scientific Mind: Life Sciences	4
CHEM 161/162- General Chemistry II	4
CHEM 210- Organic Chemistry I	4
CHEM 220-Organic Chemistry II- free elective	4
recommend: BIOL 221 (Microbiology) and BIOL 215 (Genetics)	8
GEND electives	6
MATH 120- College Algebra	4
<b>total transfer credits</b>	<b>62</b>