### Strongly recommended

**Math & Science Courses**

- BIO 1501 & 1502: General Biology 1 & 2
- BIO 2043: Microbiology
- CHM 1061, Lab & 1062: General Chemistry 1 & 2
- CHM 2061, Lab & 2062: Organic Chemistry 1 & 2
- MATH 1080: Statistics
- MATH 1510: Calculus 1
- PHYS 1110 & 1111: College Physics 1 & 2
- COMM 1101: Fundamentals of public speaking

### General Education

**Humanities – Pick 1**

- ANTH 1120: Introduction to Women’s Studies
- ART 1102: Art History 1
- HIS 1111: US History 1
- HIS 1112: US History 2
- MUSC 1122: Intro to Music
- PHI 1101: Introduction to Philosophy

**Ethics**

- PHI 1103: Introduction to Ethics

**Social Science – Pick 1**

- ECN 2201: Principles of Microeconomics
- ECN 2202: Principles of Macroeconomics
- POLS 1130: Introduction to US Politics
- POLS 1132: Introduction to Comparative Politics
- PSYC 1110: Introduction to Psychology
- PSYC 2600: Introduction to Social Psychology
- SOC 1104: Introduction to Sociology
- SOC 1102: Love, Sex and Family
- SOC 1106: Social Problems in a Changing World

### Microbiology

- Micro 110: Orientation in Micro
- Micro 302, L: Biology of Microorganisms with Lab
- Micro 310, L: Medical Micro with Lab
- Micro 320: Molecular and Cellular Bacteriology
- Environmental Micro: 430 Micro Diversity & Ecology OR 456 Mycology OR 477 Bacterial-Plant Interactions
- Micro 440: Microbial Physiology, Div., & Genetics Lab
- Micro 450: Microbiology Capstone Seminar
- Micro 451: Microbiology Junior Survey
- Micro electives: Micro choices

### Biochemistry

- (Minimum of 3 credits)
  - BBMB 301 or BBMB 336 or BBMB 404 and 405: Principles of Biochemistry
  - BBMB 401 and 405: Biochemistry 1 & 2

### Biological Sciences

- Bio 313, L: Genetics with Lab
- Bio 314 or 328: Molecular Biology

### English – Choose 1

- Engl 302: Business Communications
- Engl 309: Proposal and Report Writing
- Engl 312: Biological Communications
- Engl 314: Technical Communications

### Personal Development

- Int’l Perspective
- US Diversity
- Lib 160: Electives

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1. Students intending to double major in Micro/Biochemistry or Micro/Genetics should take Math 1510 and Math 1520 and CHM 1062 Lab and CHM 1062 Lab at Normandale.
2. Bio 2204 Lab at Normandale counts as Micro 302 Lab at ISU. If the 2204 lab was not face to face, recommend taking Micro 302 Lab at ISU.

The Course numbers may vary somewhat from school to school. Double check the ISU Course Equivalency guides