**Science, Technology, Engineering & Math**  
**JAYHAWK EXPLORATORY ADVISING**

**First Semester**  
14-17 cr.
- GE 1.2 based on math placement 3-5 cr.
- GE 2.1.1 - ENGL 101 3 cr.
- Exploratory Course 3 cr.
- First Year Course 2-3 cr.
- GE 3H Arts & Humanities 3 cr.

**Second Semester**  
17-18 cr.
- Additional Math 3 cr.
- GE 2.1.2 Written Communication 3 cr.
- GE 2.2 Oral Communication 3 cr.
- GE 3N Natural Science 2-3 cr.
- GE3S Social Science 5 cr.

**Third Semester**  
15 cr.
- Additional Math 4 cr.
- Additional Natural Science 5 cr.
- Exploratory Course 3 cr.
- AE 4.1 Human Diversity 3 cr.

**Fourth Semester**  
15-16 cr.
- Additional Math 4 cr.
- Additional Natural Science 5 cr.
- Major Specific Course 3-4 cr.
- AE 4.2 Global Awareness 3 cr.

### Exploratory Courses: Fall

- **ATMO 105** - Introductory Meteorology [GE 3N] 5 cr.
- **ATMO 220** - Unusual Weather [GE 1.1 3N] 3 cr.
- **ASTR 191/PHSX 191** - Contemporary Astronomy [GE 3N] 3 cr.
- **BIOL 150** - Principles of Molecular and Cellular Biology [GE 3N] 4 cr.
- **BIOL 154** - Intro to Biology Lab for STEM Majors 2 cr.
- **BIOL/CLS 210** - Introduction to Clinical Lab Sciences 1 cr.
- **CHEM 130** - General Chemistry [GE 3N] 5 cr.
- **EECS 138** - Introduction to Computing 3 cr.
- **ENGL 203** - Topics in Reading & Writing: Writing for Engineers 3 cr.
- **EPSY 310** - Career & Life Planning 3 cr.
- **EVRN/GEOG/HIST 140** - Global Environment I: Discovery of Environmental Change [GE 3N] 5 cr.
- **EVRN/GEOG 148** - Scientific Principles of Environmental Studies [3N] 3 cr.
- **EVRN/HIST 336** - Ethics, Ideas, and Nature [5.1] 3 cr.
- **GEOG 104** - Principles of Physical Geography [GE 3N] 3 cr.
- **GEOL 101** - The Way the Earth Works [GE 3N] 3 cr.
- **GEOL 105** - History of the Earth [GE 3N] 3 cr.
- **GEOL 121** - Life Through Time: DNA to Dinos [GE 1.1, 3N] 3 cr.
- **GEOL 171** - Earthquakes & Natural Disasters [GE 3N] 3 cr.
- **GEOL 190** - Intro to Quantitative Geoscience [1.2] 3 cr.
- **HEIM 210** - Introduction to Healthcare 1 cr.
- **HUM 133** - Technology & the Individual [1.1] 3 cr.
- **MATH** - consult with your advisor 3-5 cr.
- **HUM 133** - Technology & the Individual [1.1] 3 cr.
- **PHSX 114** - College Physics I [GE 1.1, 1.2, or 3N] 4 cr.
- **PHSX 150** - Seminar in Physics, Astronomy, and Engineering Physics .5 cr.
- **UBPL 200** - Sustainability and Society [GE 1.1, 3S, AE 5] 3 cr.
Resources to Prepare for Your First Semester

Math Placement

We recommend that students know their math placement before they enroll for their first semester. If you don't have a recent ACT/SAT score, then we recommend students take the free ALEKS math placement exam.

https://mathematics.ku.edu/taking-placement-assessment

<table>
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<th>Course #</th>
<th>Course Name</th>
<th>ALEKS Score</th>
<th>Math ACT Score</th>
<th>Math SAT Score</th>
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English Placement

**ENGL 101 - Composition**
ACT 0 - 26 = placed into ENGL 101
ACT 27+ = exempt from ENGL 101
SAT 650+ = exempt from ENGL 101

**ENGL 102 - Critical Reading & Writing**
Eligible for ENGL 102 if: you have ENGL 101 credit or exemption

ACT 27-31 = eligible for ENGL 102
SAT 600 - 649: eligible for ENGL 102

**ENGL 105 - Honors Introduction to English**
Eligible for ENGL 105 if: ACT 31-36 SAT 650+

Major Exploration Resources

HawkQuest: the career and major exploration quiz for Jayhawks
career.ku.edu/hawkquest

Careers and KU Majors: possible career paths and employers for KU majors
career.ku.edu/careersandmajors

Credit & Exemption for High School Work

If you took any credit by exams: AP, IB, CLEP, go to:
https://admissions.ku.edu/apply/credit-transfer/high-school to see what KU Credit you earned.

Transfer Credit

Visit credittransfer.ku.edu to search for courses offered at another institution and see how they have previously transferred to KU