



# Science, Technology, Engineering & Math

JAYHAWK EXPLORATORY ADVISING

<b>First Semester</b>	<b>14-17 cr.</b>	<b>Second Semester</b>	<b>17-18 cr.</b>
GE 1.2 based on math placement	3-5 cr.	Additional Math	3 cr.
GE 2.1.1 - ENGL 101	3 cr.	GE 2.1.2 Written Communication	3 cr.
Exploratory Course	3 cr.	GE 2.2 Oral Communication	3 cr.
First Year Course	2-3 cr.	GE 3N Natural Science	2-3 cr.
GE 3H Arts & Humanities	3 cr.	GE3S Social Science	5 cr.
<b>Third Semester</b>	<b>15 cr.</b>	<b>Fourth Semester</b>	<b>15 -16 cr.</b>
Additional Math	4 cr.	Additional Math	4 cr.
Additional Natural Science	5 cr.	Additional Natural Science	5 cr.
Exploratory Course	3 cr.	Major Specific Course	3-4 cr.
AE 4.1 Human Diversity	3 cr.	AE 4.2 Global Awareness	3 cr.

## Exploratory Courses: Spring

- 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 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 171** - Earthquakes & Natural Disasters [GE 3N] 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.  
**PHSX 114** - College Physics I [GE 1.1, 1.2, or 3N] 4 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>

Course #	Course Name	ALEKS Score	Math ACT Score	Math SAT Score
	See the note below	<30	<16	<460
Math 002	Intermediate Mathematics	30-45	16-21	460-530
Math 101	College Algebra	46-60	22-25	540-600
Math 104	Precalculus Mathematics	46-60	22-25	540-600
Math 103	Trigonometry	61-75	26-27	610-650
Math 105	Introduction to Topics in Math	61-75	26-27	610-650
Math 115	Calculus 1	61-75	26-27	610-650
Math 365	Elementary Statistics	61-75	26-27	610-650
Math 125	Calculus I (STEM)	76-100	28-36	660-800

## 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](https://credittransfer.ku.edu) to search for courses offered at another institution and see how they have previously transferred to KU

## 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](https://career.ku.edu/hawkquest)

**Careers and KU Majors:** possible career paths and employers for KU majors

[career.ku.edu/careersandmajors](https://career.ku.edu/careersandmajors)

