



Science, Technology, Engineering & Math

JAYHAWK EXPLORATORY ADVISING

First Semester	14-17 cr.	Second Semester	17-18 cr.
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.
Third Semester	15 cr.	Fourth Semester	15 -16 cr.
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: 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>

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 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

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

career.ku.edu/careersandmajors

