



Science, Technology, Engineering & Math

JAYHAWK EXPLORATORY ADVISING

First Semester GE 1.2/MTS - based on math placement 3-5 cr. GE 2.1.1/ENG - ENGL 101 3 cr. Exploratory Course 3 cr. First Year Course 2-3 cr. GE 3H/AH - Arts & Humanities 3 cr.	14-17 cr.	Second Semester Additional Math 3 cr. GE 2.1.2/ENG - Written Communication 3 cr. GE 2.2/CMS Oral Communication 3 cr. GE 3N/NPS - Natural Phys Sci 2-5 cr. GE3S/SBS - Social Science 3 cr.	17-18 cr.
Third Semester Additional Math 4 cr. Additional Natural Science 5 cr. Exploratory Course 3 cr. AE 4.1/USC - US Culture 3 cr.	15 cr.	Fourth Semester Additional Math 4 cr. Additional Natural Science 5 cr. Major Specific Course 3-4 cr. AE 4.2/GLBC - Global Culture 3 cr.	15 -16 cr.

Exploratory Courses

- ASTR 191/PHSX 191** - Contemporary Astronomy [GE 3N, NPS] 3 cr.
- ATMO 105** - Introductory Meteorology [GE 3N, NPS] 5 cr.
- ATMO 220** - Unusual Weather [GE 3N, NPS] 3 cr.
- BIOL 105** - Biology Orientation Seminar 1 cr.
- BIOL 150** - Principles of Molecular and Cellular Biology [GE 3N, NPS] 4 cr.
- BIOL 154** - Intro to Biology Lab for STEM Majors [NPS] 2 cr.
- BIOL/CLS 210** - Introduction to Clinical Lab Sciences 1 cr.
- CHEM 130** - General Chemistry [GE 3N, NPS] 5 cr.
- EECS 138** - Introduction to Computing 3 cr.
- ENGL 203** - Topics in Reading & Writing: Writing for Engineers [GE 3H, AH] 3 cr.
- EPSY 310** - Career & Life Planning 3 cr.
- EVRN/GEOG/HIST 140** - Global Environment I: Discovery of Environmental Change [GE 3N, NPS] 3 cr.
- EVRN/GEOG 148** - Scientific Principles of Environmental Studies [GE 3N, NPS] 3 cr.
- EVRN/HIST 336** - Ethics, Ideas, and Nature [AE 5.1] 3 cr.
- GEOG 104** - Principles of Physical Geography [GE 3N, NPS] 3 cr.
- GEOG 111** - Mapping Our Changing World [NPS] 4 cr.
- GEOL 101** - The Way the Earth Works [GE 3N, NPS] 3 cr.
- GEOL 105** - History of the Earth [GE 3N, NPS] 3 cr.
- GEOL 121** - Life Through Time: DNA to Dinos [GE 3N, NPS] 3 cr.
- GEOL 171** - Earthquakes & Natural Disasters [GE 3N, NPS] 3 cr.
- GEOL 190** - Intro to Quantitative Geoscience [1.2] 3 cr.
- HEIM 210** - Introduction to Healthcare 1 cr.
- HEIM 230** - Medical Terminology 3 cr.
- MATH** - consult with your advisor 3-5 cr.
- PHAR 101** - Intro to Medications in Healthcare 1 cr.
- PHSX 114** - College Physics I [GE 3N, NPS] 4 cr.
- UBPL 200** - Sustainability and Society [GE 3S, SBS] 3 cr.



Resources to Prepare for Your First Semester

Math Placement

KU Requires 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

Special note: Students with a math score of 26+ on the ACT or 610+ on the SAT will be awarded credit for MATH 101

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

No ACT/SAT Score

Placed into ENGL 101

ACT below 27/SAT below 630*

Placed into ENGL 101

ACT 27+ or = awarded credit from ENGL 101

SAT 630+ = awarded credit from ENGL 101

ACT of 27 or higher/SAT of 630 or higher*

Awarded 3 credits for ENGL 101

Placed into ENGL 102

*Based on English sub-score of test

Major Exploration Resources

PathwayU: Explore majors and occupations that align with your interests, personality, values, and workplace preferences.

ku.pathwayu.com

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

career.ku.edu/careersandmajors

