



Science, Technology, Engineering & Math

JAYHAWK EXPLORATORY ADVISING

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

Exploratory Courses

- ATMO 105** - Introductory Meteorology [NPS] 5 cr.
- ASTR 191/PHSX 191** - Contemporary Astronomy [NLEC] 3 cr.
- BIOL 105** - Biology Orientation Seminar 1 cr.
- BIOL 150** - Principles of Molecular and Cellular Biology [NLEC] 4 cr.
- BIOL 154** - Intro to Biology Lab for STEM Majors [NLAB] 2 cr.
- BIOL/CLS 210** - Introduction to Clinical Lab Sciences 1 cr.
- CHEM 130** - General Chemistry [NPS] 5 cr.
- EECS 138** - Introduction to Computing 3 cr.
- EECS 168** - Programming I 4 cr.
- EVNR/GEOG/HIST 140** - Global Environment I: Discovery of Environmental Change [NLEC] 3 cr.
- EVNR/GEOG 148** - Scientific Principles of Environmental Studies [NLEC] 3 cr.
- EVNR/HIST 336** - Ethics, Ideas, and Nature 3 cr.
- GEOG 104** - Principles of Physical Geography [NLEC] 3 cr.
- GEOG 111** - Mapping Our Changing World [NPS] 4 cr.
- GEOL 101** - The Way the Earth Works [NLEC] 3 cr.
- GEOL 105** - History of the Earth [NLEC] 3 cr.
- GEOL 121** - Life Through Time: DNA to Dinosaurs [NLEC] 3 cr.
- GEOL 171** - Earthquakes & Natural Disasters [NLEC] 3 cr.
- GEOL 190** - Intro to Quantitative Geoscience 3 cr.
- HEIM 210** - Introduction to Healthcare 1 cr.
- HEIM 230** - Medical Terminology 3 cr.
- MATH** - consult with your advisor 3-5 cr.
- PHSX 114** - College Physics I [NPS] 4 cr.
- PHSX 150** - Seminar in Physics, Astronomy, and Engineering Physics .5 cr.
- SOC 199** - Data I: Dealing with Data 3 cr.
- UBPL 200** - Sustainability and Society [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, we recommend students take the free ALEKS math placement exam: <https://mathematics.ku.edu/taking-placement-assessment>

MATH ACT Score	MATH SAT Score	ALEKS Score	Course #	Course Name
0-15	200-450	0-29	<i>See note below.</i>	
16-21	460-530	30-45	MATH 002	Intermediate Mathematics
22-25	540-600	46-60	MATH 101	College Algebra
22-25	540-600	46-60	MATH 104	Precalculus Mathematics
22-25	540-600	46-60	MATH 105	Introductions to Topics in Math
26-27	610-650	61-75	MATH 103	Trigonometry
26-27	610-650	61-75	MATH 115	Calculus I
26-27	610-650	61-75	MATH 365	Elementary Statistics
28-36	660-800	76-100	MATH 125	Calculus I (STEM)

Note: KU does not offer a course below the level of MATH 002. Students with an ACT score of 15 or lower or SAT score of 450 or lower may not be adequately prepared for a KU mathematics course and may want to consider taking preparatory coursework at a community college.

English Placement

English ACT Score	Reading and Writing SAT Score	AP English Score	IB English Score	Course #	Course Name
1-26	200-629	1-2	1-3	ENGL 101	Composition I
27-30	630-649	3	4-5	ENGL 102	Critical Reading and Writing
31+	650+	3	HL Exam: 4-5 SL Exam: 4+	ENGL 105*	Honors Introduction to English
N/A	N/A	4+	HL Exam: 6-7	ENGL 205*	Freshman-Sophomore Honors Proseminar

Note: Please see additional eligibility requirements in the Academic Catalog.

Credit & Exemption for High School Work

If you took any credit by exam (AP, IB, CLEP), go to: <https://registrar.ku.edu/credit-prior-learning>. This will let you see what KU credit you've already earned!

Transfer Credit

Visit <https://registrar.ku.edu/credittransfer> to search how courses taken at another institution transfer to KU!

Major Exploration Resources

Jayhawk Exploratory Advising:

Check out the JEA website to learn more about exploring your major! There are 6 pathways that could be a fit and we're here to help to find the right one. <https://explore.ku.edu/>

University Career Center:

Connect with the UCC to explore career interests and what majors could lead you there!
<https://career.ku.edu/pathways>

PathwayU: Explore majors and occupations that align with your interests, personality, values, and workplace preferences.
<https://ku.pathwayu.com>

