BACHELOR OF SCIENCE: EARTH AND ENVIRONMENTAL SCIENCE - PHYSICAL GEOGRAPHY EMPHASIS

University Requirements

General Education

UMKC Essentials is the university-wide curriculum that all undergraduate students will complete. The 30-credit hour program includes a First Year Experience course; three critical thinking courses in the areas of Arts & Humanities, Natural & Physical Sciences, and Social & Behavioral Sciences; a course in Culture and Diverse Perspectives; a course in Civic & Urban Engagement; two courses in Written Composition and one course in Oral Communication; and a Math Pathway course. Transfer students entering UMKC will elect from the UMKC Essentials General Education Program or the Missouri Core 42 General Education Curriculum. Academic advisors will meet with incoming transfer students to determine which option best serves the student's educational needs. More information about General Education may be found on the General Education Requirements (https://catalog.umkc.edu/undergraduate-academic-regulations-information/general-education-requirements/) page.

Constitution Course

Every undergraduate student must take a course covering the United States Constitution and the Missouri State Constitution before graduation. Course options are included in the program requirements section below.

Exit Examinations

Information on exit examinations is available in the Undergraduate Academic Regulations and Information (https://catalog.umkc.edu/undergraduate-academic-regulations-information/graduation/exitexams/) section of the catalog.

Missouri Higher Education Civics Achievement Examination

In accordance with Missouri Senate Bill 807 (section 170.013.1), 'any student entering a public institution of higher education for the first time after July 2019 who is pursuing an associate's or bachelor's degree from such institution shall successfully pass an examination on the provisions and principles of American civics with a score of seventy percent or greater as a condition of graduation from such institution'. To satisfy this requirement at UMKC, students access the exam through the Canvas site. This requirement will be listed in the degree audit system as, 'Take State Mandated Missouri Higher Education Civics Achievement Examination', and listed on the transcript as 'Missouri Civics Examination'.

Student Learning Outcomes

Students graduating from this program will:

- Interpret spatial patterns using mapping concepts.
- Describe the components and function of environmental systems.
- Analyze natural phenomena using quantitative data, critical thinking, and problem-solving skills.
- Extract new geospatial information using remote sensing imagery and digital analyses (Physical Geography Emphasis).

Program Requirements

UMKC Essentials

Code	Title	Credits
First Semester Experience Course (GEFSE)		3
Written Communication:		
ENGLISH 110	Introduction to Academic Prose	3
ENGLISH 225	English II: Intermediate Academic Prose	3
Oral Communication (choose one of the following):		3
COMM-ST 110	Fundamentals of Effective Speaking and Listening	
COMM-ST 140	Introduction to Communication	
COMM-ST 212	Argumentation And Debate (offered via dual credit only)	
COMM-ST 277	Interpersonal Communication	
Math Pathway (satisfied in major requirements below)		
Critical Thinking in Arts & Humanities (GECRT-AH)		3
Critical Thinking in Natural & Physical Sciences (GECRT-SC)		3
Critical Thinking in Social & Behavioral Sciences (GECRT-SS)		3
Culture & Diverse Perspectives (GECDV)		3

Civic & Urban Engagement (GECUE)		3
Total Credits		**27**

Constitution Course Requirement

Section 170.011.1 of the Missouri Revised Statutes, 2015, states that all candidates for a degree issued by a college or university in the state of Missouri must have "satisfactorily passed an examination on the provisions and principles of the Constitution of the United States and of the state of Missouri, and in American history and American institutions."

Courses at UMKC that satisfy this state requirement are:

Code	Title	Credits
Choose one of the following:		3
CJC 364	The Supreme Court And The Criminal Process	
HISTORY 101	U.S. History to 1877	
HISTORY 102	U.S. History Since 1877	
HONORS 230	Honors American Government	
POL-SCI 210	American Government	
Total Credits		**3**

There are a few other ways this requirement can be satisfied for students transferring to UMKC:

- Take an equivalent course from the list above at a regionally accredited institution.
- Earn credit for one of the above courses through AP, IB, or CLEP.
- Take a course that directly satisfies the Missouri Constitution Requirement at another Missouri institution.
- Have a previous bachelor's degree (or higher) from a regionally accredited institution.
- Have an Associate of Arts degree from a regionally accredited institution.
- Complete the 42 Hour Core at a Missouri institution and have it listed on the official transcript.

Major Requirements

Students must successfully complete the major requirements below with at least 12 hours of the noted upper division (300+) course requirements completed at UMKC.

School of Science and Engineering Degree Requirements

Code	Title	Credits
Writing Intensive Course (300-level or above; satisfied in major requirements below):		0
Total Credits		**0**

Code	Title	Credits
Mathematics Coursework		
Choose one of the following sequences (satisfies Math Pathway)		
MATH 110 & MATH 125 & MATH 210	Precalculus Algebra and Trigonometry and Calculus I	9
or MATH 120 & MATH 210	Precalculus and Calculus I	
Science Coursework [1]		
CHEM 211 & 211L	General Chemistry I and Experimental General Chemistry I	5
CHEM 212R & CHEM 212LR	General Chemistry II and Experimental General Chemistry II	5
Pick one of the two following sequences (total of 8 credits):		8
BIOLOGY 108 & 108L	General Biology I and General Biology I Laboratory	
or MOTRBIOL 100LB	MOTR Essential Biology w/ Lab - Botany	
or MOTRBIOL 150LB	MOTR Biology with Lab	

BIOLOGY 109 & 109L	General Biology II and General Biology II Laboratory	
or MOTRBIOL 100LZ	MOTR Essential Biology with Lab	
or MOTRBIOL 150LZ	MOTR Biology w/Lab	
OR		
PHYSICS 210	General Physics I	
PHYSICS 220	General Physics II	
Earth and Environmental Science Coursework		
ENV-SCI 110R & ENV-SCI 110L	Understanding the Earth: Introduction to Environmental Science and Understanding the Earth Laboratory	4
or GEOLOGY 220 & 220L	General Geology and General Geology Laboratory	
or MOTRGEOG 100L	MOTR Physical Geography with Lab	
Coursework common to all emphasis areas:		
ENV-STDY 325	Cultural Perspectives on the Environment	3
ENV-STDY 499WI	Environmental Studies Practicum (satisfies WI requirement)	3
GEOG 203	Introduction to Geographic Information Systems	4
GEOLOGY 250L	Field Methods in Earth and Environmental Science	3
or GEOLOGY 251L	Field Methods in Earth and Environmental Science: Off-Campus	
GEOG 215	Weather and Climate	4
GEOG 444	Spatial Data Analysis	4
Physical Geography Coursework		
GEOG 314	Principles of Geomorphology	4
or GEOG 360	Principles of Biogeography	
GEOG 401	Advanced Geographic Information Science	4
GEOG 402	Environmental Remote Sensing and Digital Image Analysis	4
GEOG 406	Global Environmental Change	3
or ENV-SCI 449	Global Water and Sustainability	
Physical Geography Electives (choose 9 hours from the following):		9
ENV-SCI 321	Climate Change Impact Assessment and Policy Response	
GEOG 448	Satellite Climatology	
GEOLOGY 416	Understanding and Living with Volcanoes	
GEOLOGY 456	Field Methods in 3D Imaging of the Environment	
For the pairs listed below, students may only take courses for elective credit not already taken for major requirements:		
GEOG 360	Principles of Biogeography	
or GEOG 314	Principles of Geomorphology	
Total Credits		**76**

[1]   Students may choose to complete alternative science sequences if prerequisite requirements are met: PHYSICS 210 or PHYSICS 240 and PHYSICS 220 or PHYSICS 250

General Electives

Students must take elective credit hours to meet the minimum credit hour requirement for their degree, including at least 36 credit hours of coursework at the 300-level or above. The minimum required by the university is 120 credit hours, of which at least 30 credit hours must be taken at UMKC, but some degree programs require more.

Code	Title	Credits
General Electives		**14**

Minimum GPA: 2.0

Total Credit Hours: 120

Tools for Planning and Fulfilling Academic Requirements

UMKC's Major Maps are detailed, semester by semester plans that lead a student to complete all degree requirements within four years. Plans include benchmarks and critical courses by term that assist a student's evaluation of progress and major "fit". In order to ensure that the appropriate courses are taken, students are encouraged to consult with the undergraduate advisor for this major. Please see the tab above to view the major map for this program.

UMKC's Transfer Guides (https://www.umkc.edu/transfer/transfer-credit/transfer-guides.html) provide detailed guidance on recommended transfer coursework, plans of study, transfer timelines, and transfer contact information. To ensure a seamless transfer experience, students are encouraged to work with both their community college advisor and a UMKC advisor when planning their coursework.

UMKC's PlanMyDegree 'Audit' (https://www.umkc.edu/registrar/academic-programs/plan-my-degree.html) degree audit system provides an individual evaluation of all degree requirements (General Education, Degree Specific, Major Specific, etc.) for students' officially recorded (Office of the Registrar) and "what if" exploratory plans of study. This evaluation is used to certify all graduation requirements.

UMKC's PlanMyDegree 'Plans' (https://www.umkc.edu/registrar/academic-programs/plan-my-degree.html) degree planning tool enables students to develop a personalized semester by semester plan of study towards completion of degree requirements for student's officially recorded (Office of the Registrar) and "what if" exploratory plans of study. Update and edit your full plan to degree completion each term and confirm accuracy each semester with your Academic Advisor(s).

Major Map
Four Year Graduation Plan - Courses & Critical Benchmarks for First Time College Students:

UMKC's Major Maps are detailed, undergraduate four-year course outlines that inform students on the classes they should take and when to take them. Outlines are updated yearly. Graduate students should visit their program's individual school for program outlines.

The following is a sample course of study. Your path to graduation may vary based on factors such as college credit you earned while in high school, transfer work from other institutions of higher learning, and placement in Mathematics. You are responsible for checking prerequisites to any courses. It is the Student's responsibility to ensure that all program requirements are met. This guide is not a substitute for academic advisement.

First Year

Fall Semester	Credits	Spring Semester	Credits
ENV-SCI 110R & ENV-SCI 110L (or GEOLOGY 220 & GEOLOGY 220L)[CC]	4	GEOG 203[CC]	4
MATH 110	3	STAT 235, SOCIOL 363, or CJC 303	3
GEFSE 101	3	COMM-ST 110 or 277	3
GECRT-SC 101, 102, or 103	3	ENGLISH 110	3
		GECRT-SS 101, 102, 104, 105, 106, 107, 108, or 111	3
	13		**16**

Second Year

Fall Semester	Credits	Spring Semester	Credits
GEOLOGY 250L[CC]	3	GEOG 215[CC]	4
CHEM 211 & 211L	5	CHEM 212R & CHEM 212LR	5
ENGLISH 225	3	GECRT-AH 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 112, 113, or 114	3
HISTORY 101, 102, or POL-SCI 210	3	GECUE 201, 203, 204, 205, 206, or 272	3
	14		**15**

Third Year

Fall Semester	Credits	Spring Semester	Credits
GEOG 401	4	GEOG 402	4

ENV-STDY 325	3	GEOG 3XX/4XX Major Elective	3
PHYSICS 210 or BIOLOGY 108 **and** BIOLOGY 108L (Complete Physics or Biology 2-semester course sequence)	4	GEOG 3XX/4XX Major Elective	3
GECDV 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, or 211	3	PHYSICS 220 or BIOLOGY 109 **and** BIOLOGY 109L (Complete Physics or Biology 2-semester course sequence)	4
General Elective	3	General Elective	3
	17		**17**

Fourth Year

Fall Semester	Credits	Spring Semester	Credits
GEOG 314 or 360	4	GEOG 406 or ENV-SCI 449	3
GEOG 444	4	ENV-STDY 499WI or GEOG 403WI	3
3XX/4XX General Elective	3	GEOG 3XX/4XX Major Elective	4
General Elective	4	General Elective	3
	15		**13**

Total Credits: 120

CC   Critical Courses provide feedback regarding major fit and help indicate likelihood of successful completion of chosen academic program and degree.

Recommendations to Maintain Progress toward 4-Year Degree Completion

- Completion of the First Semester Experience (FSE) course in first term.
- Early completion of Written Communication, Oral Communication, and Math Pathway requirements.
- Maintain the minimum GPA required for academic Good Standing for your degree program.
- Completion at least 15 credit hours toward degree each regular semester. *(Students may use the summer to ensure completion of 30 hours per academic year or to lighten Fall and Spring course loads.)*
- Enrollment in Critical Courses as listed on the Major Map is recommended in order to maintain timely progress and completion of prerequisite coursework.
- Early and continuous enrollment in Foreign Language through completion of level required for degree program is recommended. *(The Foreign Language placement exam is highly recommended to ensure placement in the correct course level.)*
- Regular consultation with Academic Advisor(s) for program(s) of study is strongly recommended and may be required for some degree programs..

Roo Advising (https://catalog.umkc.edu/roo-advising/)

Email: rooadvising@umkc.edu

Phone: 816-235-1148

Milestones
Year 1

Fall Semester	Spring Semester
Login to **PlanMyDegree** (https://planmydegree.umkc.edu/selfserviceK/general/home.html):	Login to **PlanMyDegree** (https://planmydegree.umkc.edu/selfserviceK/general/home.html):
• Review your degree audit in **PlanMyDegree**	• Review your degree audit in **PlanMyDegree**
• Create an academic plan for the Spring semester in **PlanMyDegree**	• Create an academic plan for Year 2 in **PlanMyDegree**
Schedule appointment with Academic Advisor to review Academic Plan and obtain Spring semester approval to **release advising hold**. (https://umkc.starfishsolutions.com/starfish-ops/support/login.html)	Schedule appointment with Academic Advisor to review Academic Plan and Year 2 approval to **release advising hold**.

Complete the **Missouri Higher Education Civics Achievement Exam**. (https://catalog.umkc.edu/undergraduate-academic-regulations-information/graduation/civics-exam (https://catalog.umkc.edu/undergraduate-academic-regulations-information/graduation/civics-exam/)/)	Visit a faculty member during **office hours/student drop-in hours** to discuss their research.
Activate your **Handshake** account and take a look at on-campus positions. (https://www.umkc.edu/career-services/students/handshake.html)	Attend a **Resume Workshop**, **Resume Blitz**, or have a **Resume Appointment** with Career Services. (https://app.joinhandshake.com/edu/appointments/new (https://app.joinhandshake.com/edu/appointments/new/))
Take one of the following **assessments** to get a better understanding of yourself (https://www.umkc.edu/career-services/students/online-resources.html): **Clifton Strengths**, **Focus2**, or **Agile Work Profiler**.	Attend an **Employer Information Session** or **Networking in the 816** event. (https://www.umkc.edu/career-services/events (https://www.umkc.edu/career-services/events/))
Attend the **Fall Jobs & Internship Fair** or the **STEM Fair** to understand who is recruiting UMKC students. (https://www.umkc.edu/career-services/events (https://www.umkc.edu/career-services/events/))	Schedule a **Choosing a Career Path / College Major** appointment with a career coach to reflect on your major and see that it is in-line with career paths you are interested in. (https://umkc.joinhandshake.com/stu/appointments/new (https://umkc.joinhandshake.com/stu/appointments/new/))
Attend **Convocation** and **Roo Welcome Events**. (https://www.umkc.edu/get-involved/events/convocation.html)	Attend events and explore **RooGroups**. (https://roogroups.umkc.edu/home_login (https://roogroups.umkc.edu/home_login/))
Join a **student organization**. (find them via RooGroups: https://roogroups.umkc.edu/home_login (https://roogroups.umkc.edu/home_login/))	Attend **Leadership Workshops** through the Office of Student Involvement. (https://www.umkc.edu/get-involved/programs (https://www.umkc.edu/get-involved/programs/))
Attend an **Undergraduate Research Symposium** (August-**SUROP** or November).	Attend UMKC's Annual **Undergraduate Research Symposium** (April).
Investigate on-campus **Undergraduate Research employment opportunities** (work-study funded UR Associates or grant-funded). (https://www.umkc.edu/undergraduate-research/student-resources/more-research-opportunities.html)	Enroll in a **EUReka** class (UMKC Essentials or lower-level in your MAP). (https://www.umkc.edu/undergraduate-research/get-started (https://www.umkc.edu/undergraduate-research/get-started/))
Join a **journal club** or **research-focused student group**, if offered in your dept/unit.	Identify **potential faculty mentors** in your major (UR-Linked: https://net2.umkc.edu/intapps/ur-links (https://net2.umkc.edu/intapps/ur-links/), or Dept/Unit Web sites).
Connect with **Emerging Research Scholars** in Multicultural Student Affairs (MSA). (https://www.umkc.edu/msa/scholar-programs (https://www.umkc.edu/msa/scholar-programs/))	Attend a **research lecture** or **creative presentation** in your major.

Thinking Ahead
Explore summer enrollment to get caught up or get ahead.
Explore study abroad opportunities with the Study Abroad and Global Engagement Office. (https://www.umkc.edu/study-abroad (https://www.umkc.edu/study-abroad/)/)
Explore national competitive awards and scholarships. (https://www.umkc.edu/career-services/awards (https://www.umkc.edu/career-services/awards/)/)
Gain a general understanding of career outcomes for your chosen/desired majors.
Identify 2-3 career options.
Keep track of involvement using UMKC's Co-Curricular Transcript system. (https://www.umkc.edu/get-involved/programs/co-curricular-engagement.html)

Year 2

Fall Semester	Spring Semester
Login to **PlanMyDegree** (https://planmydegree.umkc.edu/selfserviceK/general/home.html):	Login to **PlanMyDegree** (https://planmydegree.umkc.edu/selfserviceK/general/home.html):
• Review your degree audit in **PlanMyDegree**	• Review your degree audit in **PlanMyDegree**
• Review and continue working on your academic plan in **PlanMyDegree**	• Build out your academic plan through graduation in **PlanMyDegree**
Schedule appointment with Academic Advisor to review Academic Plan and obtain Spring semester approval to **release advising hold**. (https://umkc.starfishsolutions.com/starfish-ops/support/login.html)	Schedule appointment with Academic Advisor to review Academic Plan and ensure all program requirements are planned and obtain plan approval to **release advising hold**.

Attend the **Fall Jobs & Internship Fair** or any **career fair** to identify internship opportunities / hiring windows. (https://www.umkc.edu/career-services/events (https://www.umkc.edu/career-services/events/)/)	Attend an **Employer Information Session** or **Networking in the 816** event. (https://www.umkc.edu/career-services/events (https://www.umkc.edu/career-services/events/)/)
Have an employer or Career Coach review your **resume**. (https://umkc.joinhandshake.com/stu/appointments/new (https://umkc.joinhandshake.com/stu/appointments/new/))	Take part in a **job shadowing experience** or a **site visit**. (https://www.umkc.edu/career-services/job-shadowing.html)
Consider applying for an **on/off-campus internship** or **research opportunity**. (https://app.joinhandshake.com/edu/postings/pending?page=1&per_page=25 (https://app.joinhandshake.com/edu/postings/pending/?page=1&per_page=25) OR https://www.umkc.edu/research (https://www.umkc.edu/research/)/)	Attend any **career fair**. (https://umkc.joinhandshake.com/stu/events?collection=ALL&categories=5&eventFormat=HYBRID&sort=RELEVANCE&date=ALL&p (https://umkc.joinhandshake.com/stu/events/?collection=ALL&categories=5&eventFormat=HYBRID&sort=RELEVANCE&date=ALL&p
Take on a **Leadership role** in a student organization or project team. (https://www.umkc.edu/get-involved/student-organizations (https://www.umkc.edu/get-involved/student-organizations/)/)	Connect with **Financial Wellness Center** and attend financial literacy workshops. (https://www.umkc.edu/financial-wellness (https://www.umkc.edu/financial-wellness/)/)
Attend an **Undergraduate Research Symposium** (August-**SUROP** or November).	Attend UMKC's **Annual Undergraduate Research Symposium** (April).
Enroll in a **EUReka** class (UMKC Essentials or lower-level in your MAP). (https://www.umkc.edu/undergraduate-research/get-started (https://www.umkc.edu/undergraduate-research/get-started/)/)	Enroll in a **EUReka** class (UMKC Essentials or lower-level in your MAP). (https://www.umkc.edu/undergraduate-research/get-started (https://www.umkc.edu/undergraduate-research/get-started/)/)
Investigate on-campus **Undergraduate Research** employment opportunities (work-study funded UR Associates or grant-funded). (https://www.umkc.edu/undergraduate-research/student-resources/more-research-opportunities.html)	**Develop a plan** with your faculty research mentor for years three and four.
Meet with **potential faculty research mentors** in your major.	
Investigate off-campus **Undergraduate Research** opportunities. (https://www.umkc.edu/undergraduate-research/student-resources/more-research-opportunities.html)	

Thinking Ahead
Explore summer enrollment to get caught up or get ahead.
Explore study abroad opportunities with the Study Abroad and Global Engagement Office. (https://www.umkc.edu/study-abroad (https://www.umkc.edu/study-abroad/)/)
Explore national competitive awards and scholarships. (https://www.umkc.edu/career-services/awards (https://www.umkc.edu/career-services/awards/)/)
Identify three internships or research opportunities that match your major and career goals.

Year 3

Fall Semester	Spring Semester
Review your degree audit and academic plan in **PlanMyDegree** to ensure you are on track for anticipated graduation date.	Review your degree audit and academic plan in **PlanMyDegree** to ensure you are on track for anticipated graduation date.
Schedule an appointment or confirm enrollment plans as required with academic advisor to **release advising hold**. (https://umkc.starfishsolutions.com/starfish-ops/support/login.html)	Schedule an appointment or confirm enrollment plans as required with academic advisor to **release advising hold**.
	Submit **application for graduation** at the completion of 90 hours in Pathway. (https://www.umkc.edu/registrar/academic-programs/graduation (https://www.umkc.edu/registrar/academic-programs/graduation/)/)
Attend the **Fall Jobs & Internship Fair** or any career fair to discuss internship opportunities with employers. (https://www.umkc.edu/career-services/events (https://www.umkc.edu/career-services/events/)/)	Meet with an employer for an informational interview. (https://cdn.careers.bloch.umkc.edu/wp-content/uploads/sites/130/2021/08/Bloch-Informational-Interviewing.pdf)
Attend a workshop or appointment about **Cover Letters** and **LinkedIn**. (https://app.joinhandshake.com/edu/appointments/new (https://app.joinhandshake.com/edu/appointments/new/))	Attend a Networking workshop or a **Networking in the 816** event. https://www.umkc.edu/career-services/events (https://www.umkc.edu/career-services/events/)/)
Apply to a minimum of 3 internships that are in-line with your major / career goals. (https://app.joinhandshake.com/edu/postings/pending?page=1&per_page=25 (https://app.joinhandshake.com/edu/postings/pending/?page=1&per_page=25))	Attend any **career fair**. (https://umkc.joinhandshake.com/stu/events?collection=ALL&categories=5&eventFormat=HYBRID&sort=RELEVANCE&date=ALL&p (https://umkc.joinhandshake.com/stu/events/?collection=ALL&categories=5&eventFormat=HYBRID&sort=RELEVANCE&date=ALL&p

Run for **executive positions** in student organizations. (https://www.umkc.edu/get-involved/student-organizations (https://www.umkc.edu/get-involved/student-organizations/)/)	Attend **Grad Roo Fair**. (https://sgs.umkc.edu/admissions/gradroo.html)
Apply for **on/off-campus research opportunities**, including **SEARCH**. (https://www.umkc.edu/undergraduate-research/student-grants (https://www.umkc.edu/undergraduate-research/student-grants/)/)	Apply for **on/off-campus research opportunities**, including **SUROP**. (https://www.umkc.edu/undergraduate-research/student-grants (https://www.umkc.edu/undergraduate-research/student-grants/)/)
Enroll in upper-level **EUReka** Course in your major (investigate senior thesis options in your major). (https://www.umkc.edu/undergraduate-research/get-started (https://www.umkc.edu/undergraduate-research/get-started/)/)	Enroll in upper-level **EUReka** Course in your major (investigate senior thesis options in your major). (https://www.umkc.edu/undergraduate-research/get-started (https://www.umkc.edu/undergraduate-research/get-started/)/)
Conduct research with support of faculty mentor.	**Conduct research** with support of faculty mentor.
Present at UMKC's **Fall Research Symposium**. (https://www.umkc.edu/undergraduate-research/presentations (https://www.umkc.edu/undergraduate-research/presentations/)/)	Apply for **Undergraduate Research Fellow** transcript designation (March 1 deadline). (https://www.umkc.edu/undergraduate-research/recognition (https://www.umkc.edu/undergraduate-research/recognition/)/)
Investigate opportunities to present your research at regional or national conferences.	Present at UMKC's **Annual Symposium of Undergrad Research** in April. (https://www.umkc.edu/undergraduate-research/presentations (https://www.umkc.edu/undergraduate-research/presentations/)/)

Thinking Ahead
Explore summer enrollment to get caught up or get ahead.
Explore national competitive awards and scholarships. (https://www.umkc.edu/career-services/awards (https://www.umkc.edu/career-services/awards/)/)
Establish one to two contacts in your desired industry.
Complete an internship / employment opportunity related to your major / career goals.

Year 4

Fall Semester	Spring Semester
Review your degree audit and academic plan in **PlanMyDegree** to ensure all requirements are planned by anticipated graduation date.	Review your degree audit and academic plan in **PlanMyDegree** to ensure all requirements are planned by anticipated graduation date.
Schedule an appointment or confirm enrollment plans as required with academic advisor to **release advising hold**. (https://umkc.starfishsolutions.com/starfish-ops/support/login.html)	Take **UMKC HEIghten Exam**. (https://net3.umkc.edu/intapps/exitexams/Home.aspx)
Attend the **Fall Jobs & Internship Fair** or the **STEM fair** to identify jobs to apply to. (https://www.umkc.edu/career-services/events (https://www.umkc.edu/career-services/events/)/)	Pay close attention to email for information about **Graduation Fair** and **Commencement Exercises**.
Attend a workshop or appointment about Job Searching. (https://app.joinhandshake.com/edu/appointments/new (https://app.joinhandshake.com/edu/appointments/new/))	Attend a Networking workshop or a **Networking in the 816** event. (https://www.umkc.edu/career-services/events (https://www.umkc.edu/career-services/events/)/)
Have a **mock interview** appointment with a Career Coach. (https://app.joinhandshake.com/edu/appointments/new (https://app.joinhandshake.com/edu/appointments/new/))	Attend any **career fair**. (https://umkc.joinhandshake.com/stu/events?collection=ALL&categories=5&eventFormat=HYBRID&sort=RELEVANCE&date=ALL&p (https://umkc.joinhandshake.com/stu/events/?collection=ALL&categories=5&eventFormat=HYBRID&sort=RELEVANCE&date=ALL&p
Serve on one or more **student advisory boards**.	Attend a **senior send-off** and **Commencement-related events**. (https://www.umkc.edu/commencement (https://www.umkc.edu/commencement/)/)
Apply for **on/off-campus research opportunities**, including **SEARCH**. (https://www.umkc.edu/undergraduate-research/student-grants (https://www.umkc.edu/undergraduate-research/student-grants/)/)	**Apply** to a minimum of 5 jobs or **submit applications** to professional / graduate programs as needed. (https://app.joinhandshake.com/edu/postings/pending?page=1&per_page=25 (https://app.joinhandshake.com/edu/postings/pending/?page=1&per_page=25))
Conduct research with support of faculty mentor.	**Conduct research** with support of faculty mentor.
Request nomination for **Undergraduate Research Day @ the Capitol** (URD@C) from your faculty mentor (November 1 deadline). (https://www.umkc.edu/undergraduate-research/presentations/undergraduate-research-day-at-the-capitol (https://www.umkc.edu/undergraduate-research/presentations/undergraduate-research-day-at-the-capitol/)/)	Present Your Research at **UMKC's Annual Symposium of Undergraduate Research** (April) or at a regional or national conference in your discipline.

Present Your Research at **Fall UR Symposium** or at a regional or national conference in your discipline. (https://www.umkc.edu/undergraduate-research/presentations (https://www.umkc.edu/undergraduate-research/presentations/)/)

In Canvas, complete all requirements in your **Graduation Checklist** (will appear in the second 8 weeks of the semester).

Feature research accomplishments on résumé or grad/professional school applications.

Celebrate your awesomeness!

Thinking Ahead

Successfully obtain full-time work or graduate school admission and report your outcome in 12Twenty. (https://www.umkc.edu/career-services/students/12twenty.html)

Give back by speaking at student leadership panels or participating in alumni events.