

MICHIGAN STATE UNIVERSITY

**Report of
THE UNIVERSITY COMMITTEE ON CURRICULUM
to the Faculty Senate
Actions by UCC
February 5, 2026**

The effective date for new programs subject to Statewide Academic Program review is implemented in accordance with the Statewide Academic Program Review calendar.

MICHIGAN STATE UNIVERSITY
University Committee on Curriculum

February 17, 2026

TO: Faculty Senate

This report is prepared and distributed for the following purposes:

1. To report new academic programs, changes in academic programs, discontinuations of academic programs, new courses, permanent changes in courses, and deletions of courses.
2. To notify the initiating colleges, schools, and departments of approval by the University Committee on Curriculum of their requests for new academic programs, changes in academic programs, discontinuations of academic programs, new courses, permanent changes in courses, and deletions of courses.
3. To provide information to members of the faculty in each department about academic programs and courses in all colleges, departments, and schools of the University.

Reports of the University Committee on Curriculum to the Faculty Senate are organized as follows:

PART I - NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES:

Organized by colleges in alphabetical order. For a given college, academic units are organized in alphabetical order. For a given academic unit, degrees, majors, and specializations are organized in alphabetical order.

PART II - NEW COURSES:¹

Organized by academic units in alphabetical order; All-University courses appear last. For a given academic unit, courses are organized according to the names associated with course subject codes, in alphabetical order. Courses with the same subject code are in numerical order.

PART III - COURSE CHANGES:¹

Organized by academic units in alphabetical order; All-University courses appear last. For a given academic unit, courses are organized according to the names associated with course subject codes, in alphabetical order. Courses with the same subject code are in numerical order.

Not all of the above categories, and not all of the colleges and academic units, will necessarily appear in any given Senate Report.

¹One or more of the abbreviations that follow may be included in a course entry:

P: = Prerequisite monitored in SIS
C: = Corequisite
R: = Restriction
RB: = Recommended background
SA: = Semester Alias

MICHIGAN STATE UNIVERSITY

February 17, 2026

TO: Faculty Senate
FROM: University Committee on Curriculum
SUBJECT: New Academic Programs and Program Changes:
New Courses and Course Changes

PART I - NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

COLLEGE OF ARTS AND LETTERS

1. Change the **Graduation Requirements for the Bachelor of Arts** degree in the **College of Arts and Letters**.
 - a. Under the heading **Graduation Requirements for the Bachelor of Arts Degree in the College of Arts and Letters** make the following changes:
 - (1) Replace item 2. e. with the following:

Experiential Education requirement:

 - (1) Students must earn a minimum of 3 credits in one of the following experiential education options through an associated course approved by the College. Students may complete the requirement in one course of 3 credits or can complete it in two or three courses of 1 or 2 credits.
 - (a) **Internships** (Minimum of 3 credits)
The internship must include a minimum of 3 course credits as part of the experience in order to meet the requirements for the experiential education requirement. The internship may be offered by the College of Arts and Letters, another MSU College, or another university, if approved for transfer credit by MSU.
 - (b) **Education Abroad** (Minimum of 3 credits)
MSU Education Abroad Programs, whether offered by the College of Arts and Letters, another MSU College, or another university, if approved for transfer credit by MSU, meets the experiential education requirement. This includes any MSU course section in the range of 750-769, which are designated for education abroad programs. For more information see: <https://msueducationabroad.via-trm.com/visitor-programs-v2>
 - (c) **Study Away** (Minimum of 3 credits)
MSU Study Away Programs (internships and courses that take place within the United States) whether offered by the College of Arts and Letters, another MSU College, or another university, if approved for transfer credit by MSU, meets the experiential education requirement. This includes any MSU course section in the range of 701-710, which are designated for study away programs. For more information see: <https://excelnetwork.cal.msu.edu/study-away/>, or <https://socialscience.msu.edu/undergraduate/experiential-learning/study-away.html>.
 - (d) **Service/Community Engaged Learning Experiences**
(Minimum of 3 credits)
MSU Service/Community Engaged Learning Experiences whether offered by the College of Arts and Letters, another MSU College, or another university, if approved for transfer credit by MSU, meets the experiential education requirement. For more information see: <https://communityengagedlearning.msu.edu/students>.
 - (e) **For Credit Research or Creative Projects**
(Minimum of 3 credits)
An approved undergraduate research or creative projects directed by a faculty member in the form of an independent study or portion of an approved course.

(f) **Department Courses** (Minimum of 3 credits)
Courses in this list offer a significant experiential component of 50% or more and include experiences outside the traditional classroom environment. They have been approved through a review process by the College Curriculum Committee. See:
<https://excellnetwork.cal.msu.edu/experiential-education-requirement/>.

For questions or to seek approval for a course or program, students should contact their academic advisor.

For more information on Internships, Education Abroad, Study Away, and Service/Community Engaged Experiences, see <https://excellnetwork.cal.msu.edu/>.

Effective Fall 2026.

2. Establish a **Bachelor of Arts** degree in **Arts and Humanities** in the School of Residential Community Engaged Arts and Humanities. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at its January 8, 2026 meeting.

a. **Background Information:**

The integration of the Residential College in the Arts and Humanities (RCAH) into the College of Arts and Letters requires the creation of this new Bachelor of Arts degree in Arts and Humanities. The bachelor's degree will no longer be administered by RCAH as a stand-alone college but as a new School of Residential Community Engaged Arts and Humanities in the College of Arts and Letters. This interdisciplinary bachelor's degree in Arts and Humanities has been offered at MSU since Fall 2007. The requirements have been slightly modified to conform to college requirements in the College of Arts and Letters.

b. **Academic Programs Catalog Text:**

This interdisciplinary major provides RCAH students the opportunity to live and learn together in Snyder-Phillips Hall, a historic building on the MSU north campus. From this home base, students have the benefit of being part of a residential academic program while also having the diverse resources of one of the nation's most distinguished public research universities available to them. The major mobilizes the arts and humanities through a wide range of programming to create collaborative, community engaged methods for addressing the complex societal problems facing our local and global communities and to reimagine and build a more inclusive and sustainable world. RCAH provides abundant opportunities for learning and hands-on training outside the classroom, in settings that include the RCAH Poetry Center, the LookOut! Art Gallery, the RCAH Theatre, and the Language and Media Center.

Requirements for the Bachelor of Arts Degree in Arts and Humanities

1. The University requirements for bachelor's degrees as described in the *Undergraduate Education* section of this catalog; 120 credits, including general elective credits, are required for the Bachelor of Arts degree in the Arts and Humanities.

The completion of RCAH 111 referenced in item 2. a. below satisfies the University's Tier I writing requirement.

The University's Tier II writing requirement for the Bachelor of Arts degree in the Arts and Humanities is met by completing RCAH 492. That course is referenced in item 2. g. below.

The completion of IAH 207R and IAH 231R referenced in item 2. a. below satisfies the University's Integrative Studies in the Arts and Humanities requirement.

The completion of at least 30 credits in courses at the 300-level or above, which may include courses from items 2.d., 2.e., and 2.f. below.

2. The following requirements:

a. All of the following courses (32 credits):
IAH 207R The Presence of the Past (D)

PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

IAH 231R	Themes and Issues: Transcultural Relations (I)	4
RCAH 111	Writing in Transcultural Contexts	4
RCAH 112	Writing, Research and Technologies	4
RCAH 150	Introduction to the Arts and Humanities	4
RCAH 215	Introduction to Theory and Methods in the Arts	4
RCAH 225	Introduction to Community Engagement	4
RCAH 235	Foundations of Language and Culture Studies	4

b. Complete one of the following pathways (10 credits):

Arts Pathway
 The following course:
 RCAH 315 Methods in the Arts 4
 Two enrollments in the following course:
 RCAH 316 Topics in the Arts 6

Community Engagement Pathway
 The following course:
 RCAH 325 Methods in Community Engagement 4
 Two enrollments in the following course:
 RCAH 326 Topics in Community Engagement 6

Language and Culture Pathway
 The following course:
 RCAH 335 Methods in Language and Culture 4
 Two enrollments in the following course:
 RCAH 336 Topics in Language and Culture 6

Humanities Pathway
 The following course:
 RCAH 345 Methods in the Humanities 4
 Two enrollments in the following course:
 RCAH 346 Topics in Humanities 6

c. Complete 6 to 8 credits in any of the following courses not used to fulfill item b.:

RCAH 315	Methods in the Arts	4
RCAH 316	Topics in the Arts	3
RCAH 325	Methods in Community Engagement	4
RCAH 326	Topics in Community Engagement	3
RCAH 335	Methods in Language and Culture	4
RCAH 336	Topics in Language and Culture	3
RCAH 345	Methods in the Humanities	4
RCAH 346	Topics in Humanities	3

d. A minimum of 15 credits at the 300-level or above taken outside of RCAH chosen in consultation with the student's academic advisor.

e. Completion of a minimum 50-hour volunteer or paid experiential learning opportunity. This requirement can be satisfied with one of the following options in the junior or senior year.

- (1) An approved internship
- (2) An approved undergraduate research, creative, or community engagement project directed by a faculty member through enrollment in RCAH 450 (1 to 4 credits)
- (3) An approved study abroad/study away with at least one course at the 300-400 level.

f. Completion of the language and cultural studies requirement.

a. **For students entering RCAH before Fall 2027**, this requirement is met by completing one of the following two options:

- (1) Participate in an approved language-intensive study abroad program
- (2) Complete one of the following combinations of language and cultural studies courses:
 - (a) Complete 2 years of language courses in no more than two languages and complete one of the approved cultural courses from the list maintained by the student's academic advisor.
 - (b) Complete 1 year of language courses in a single language and three of the approved cultural courses from the list maintained by the student's academic advisor.

(c) Complete a minor in one of the approved area studies programs as approved by the student's academic advisor.

b. **For students entering RCAH Fall 2027 and later**, this requirement is met by completion of second-year competency in a foreign language which is more closely aligned with the language requirement in the College of Arts and Letters.

g. The following capstone course (4 credits):
RCAH 492 Senior Seminar (W) 4

Effective Fall 2026.

3. Change the requirements for the **Master of Arts** degree in **Foreign Language Teaching** in the College of Arts and Letters. The University Committee on Graduate Studies (UCGS) approved this request at its January 26, 2026 meeting.

a. Under the heading **Admission** make the following changes:

(1) In paragraph one, delete item 1. and renumber items 2., 3., and 4. respectively.

1. have the results of the Graduate Record Examination (GRE) General Test forwarded to the College if the applicant is a native speaker of English.

Effective Summer 2026.

RESIDENTIAL COLLEGE IN THE ARTS AND HUMANITIES

1. Change the administrative responsibility for the **Minor in Design Justice** in the Residential College in the Arts and Humanities to the School of Residential Community Engaged Arts and Humanities in the College of Arts and Letters.

2. Change the requirements for the **Minor in Design Justice** in the School of Residential Community Engaged Arts and Humanities in the College of Arts and Letters.

a. Under the heading **Requirements for the Minor in Design Justice** make the following changes:

(1) In item 3., delete the following course:

RCAH 202 Presence of the Past

4

Add the following course:

IAH 207R The Presence of the Past (D)

4

Effective Fall 2026.

ELI BROAD COLLEGE OF BUSINESS

1. Change the requirements for the **Master of Business Administration** degree in **Business Administration** in The Eli Broad College of Business and Graduate School of Management. The University Committee on Graduate Studies (UCGS) approved this request at its January 26, 2026 meeting.

The concentrations in the Master of Business Administration degree are noted on the student's academic record when the requirements for the degree have been completed.

- a. Under the heading **Admission**, make the following changes:

- (1) Delete the following phrase from the first sentence in the first paragraph:

“and an enrichment experience during the intervening summer”

- (2) In the fifth paragraph, delete the following statement:

Each full-time M.B.A. student is required to have a personal laptop computer with a minimum configuration approved by the Director of the full-time M.B.A. Program.

- b. Under the heading **Requirements for the Master of Business Administration Degree** make the following changes:

- (1) In item 1., change the total credits from '61' to '54'.

- (2) In item 1.a., delete 'statistics' and the following courses:

MBA	804	Applied Data Analysis for Managers	1.5
MBA	808	Leadership and Teamwork	1
MBA	816	Managerial Communication Strategy and Tactics	1.5
MBA	817	Designing and Delivering Impactful Business Presentations	1.5
MBA	843	Career Management	1
MBA	845	Integrative Action Projects	4

Add the following courses:

MBA	808	Leadership and Teamwork	1.5
MBA	816	Managerial Communication Strategy and Tactics	3

- (3) Replace item 1.b. with the following:

Students may use their remaining elective credits to design an academic program to support their professional goals using courses across business college disciplines, including completion of concentrations (of 9 credits minimum) in business analytics; corporate, social responsibility and sustainability; entrepreneurship; finance; healthcare management (MBA/DO/MD students only); human resource and strategic management; marketing; or supply chain management (12 credits) or other approved concentration approved by the Assistant Dean, M.B.A. Programs or designee.

- (4) Replace item 1.c. with the following:

At least 3 credits of international business selected from courses approved by the Assistant Dean, M.B.A. Programs or designee.

- (5) Replace item 2. with the following:

Students may use remaining elective credits to design an academic program to support their professional goals using courses across the business college disciplines. Students may select electives outside the college with the approval of the Assistant Dean, M.B.A. Programs or designee.

(6) Delete item 3. **Enrichment Experience.**

Effective Fall 2026.

2. Change the requirements for the **Master of Business Administration: Program in Integrative Management** degree in the Eli Broad College of Business. The University Committee on Graduate Studies (UCGS) approved this request at its January 26, 2026 meeting.

a. Under the heading **Admission**, replace the entire entry with the following:

To be admitted to the Master of Business Administration Program in Integrative Management, an applicant should:

1. Be employed in a managerial position, have work experience that will enhance contributions to the team and the program, and/or have demonstrated potential for career advancement and leadership in the public or private sector.
2. Be recommended for acceptance into the program by two or more professional colleagues.
3. Have a bachelor's degree from a recognized educational institution or equivalent academic credential. The educational institution, academic program, and academic record are considered.
4. Have personal attributes such as demonstrated management potential and maturity, leadership qualities, intellectual curiosity, perseverance, and a drive to succeed.
5. Successfully complete an interview articulating professional goals and how the program will contribute to personal success.

Admission to the program is competitive, and meeting the minimum standards listed above does not guarantee admission to the program.

Prior to enrollment in the Master of Business Administration Program in Integrative Management, the student should have basic competency in algebra and statistics and be proficient in word processing and spreadsheets.

b. Under the heading **Requirements for the Master of Business Administration Degree in Integrative Management** replace the entire entry with the following:

The student must complete 42 credits from the following:

		CREDITS
1.	All of the following courses (30 credits):	
PIM	800 Managerial Skills	1 to 3
PIM	803 Leadership Development	1 to 3
PIM	811 Financial Accounting and Reporting for Leaders	1 to 3
PIM	812 Performance Measurement and Control	1 to 3
PIM	813 Digital Transformation	1 to 3
PIM	821 Applied Economics for Strategic Decision making	1 to 3
PIM	831 Business Law	1 to 3
PIM	841 Finance I: Investment Decisions	1 to 3
PIM	842 Finance II: Financial Decisions	1 to 3
PIM	851 Data-driven Decision making	1 to 3
PIM	852 Negotiation	1 to 3
PIM	853 Human Resources and Talent Management	1 to 3
PIM	855 Strategic Management I	1 to 3
PIM	862 Marketing I: Customer Analysis	1 to 3
PIM	863 Marketing II: Systems and Strategy	1 to 3
PIM	870 Supply Chain Management	1 to 3
PIM	872 International Strategies	1 to 3
PIM	874 The Global Marketplace	1 to 3
PIM	876 Ethics in the Workplace	1 to 3
2.	Complete 12 credits from the following courses, or equivalent courses upon approval of the program director:	
PIM	801 Organizational Analysis	1 to 3
PIM	804 Designing Innovation for Impact	1 to 3
PIM	814 Financial Statement Analysis	1 to 3
PIM	822 Macroeconomics for Managers	1 to 3

PIM	832	Entrepreneurship	1 to 3
PIM	845	Mergers, Acquisitions and Corporate Restructuring	1 to 3
PIM	856	Strategic Management II	1 to 3
PIM	873A	Current Business Issues: Finance	1 to 3
PIM	873F	Current Business Issues: Management	1 to 3
PIM	875	Supply Chain Management II	1 to 3
PIM	881	Leadership Communications	1 to 3
PIM	891	Special Topics in Business	1 to 3

Students who complete the required courses of a Broad Graduate Certificate can, upon approval of the program director, apply these courses to the Program in Integrative Management, earning both credentials. Appropriate graduate certificates include but are not limited to: Business Essentials for Leaders, Organizational Leadership and Strategy, Digital Innovation in Global Business, and Healthcare Management. Other courses at the 800-level or higher may be applied with approval of the department.

Effective Fall 2026.

3. Establish a **Graduate Certificate in Business Essentials for Leaders** in the Eli Broad College of Business. The University Committee on Graduate Studies (UCGS) recommended approval of this request at its November 17, 2025 meeting.

a. **Background Information:**

Industry and market forces seek shorter credentials that correlate with specific knowledge and skill attainment. This certificate provides a credential that acknowledges the knowledge/skills earned through this set of 9 credits. It also can serve as a stackable pathway into a graduate program, broadening access to our degree(s). Aligned with MSU's mission to advance knowledge and transform lives, our value of eliminating barriers to access and success, and our strategic objectives to increase access and successful completion of graduate and professional education and to advance an online learning strategy that expands access and increases the breadth of learners served.

These certificates bundle knowledge and courses currently housed in the unit and will provide current and emerging leaders with cross-functional business essentials to drive organizational success. This aligns directly with college and University objectives.

b. **Academic Programs Catalog Text:**

The Graduate Certificate in Business Essentials for Leaders provides current and emerging leaders with cross-functional business essentials to drive organizational success.

Admission

To be considered for admission to the Graduate Certificate in Business Essentials for Leaders, an applicant must:

1. Be employed in a managerial position with work experience that will enhance contributions to the team and the program, and/or have demonstrated potential for career advancement and leadership in the public or private sector.
2. Be recommended for acceptance into the program by two or more professional colleagues.
3. Have a bachelor's degree from a recognized educational institution or equivalent academic credential. The educational institution, academic program, and academic record are considered.
4. Have personal attributes such as demonstrated management potential and maturity, leadership qualities, intellectual curiosity, perseverance, and a drive to succeed.
5. Successfully complete an interview/evaluation, articulating professional goals and how the program will contribute to personal success.

Requirements for the Graduate Certificate in Business Essentials for Leaders

The Graduate Certificate in Business Essentials for Leaders is available only online. Students must complete 9 credits as specified below.

		CREDITS
1.	Complete the following courses (6 credits):	
	PIM 811 Financial Accounting and Reporting for Leaders	1.5
	PIM 841 Finance I: Investment Decisions	1.5
	PIM 862 Marketing I: Customer Analysis	1.5
	PIM 870 Supply Chain Management	1.5
2.	Complete 3 additional 800-level or above credits in courses related to core business competencies approved by the college. Courses may be selected from the following:	
	PIM 812 Performance Measure and Control	1.5
	PIM 842 Finance II: Financial Decisions	1.5
	PIM 863 Marketing II: Systems and Strategy	1.5

Students who successfully complete courses with a 3.0 or higher grade may apply courses to one graduate certificate and one degree program.

Effective Fall 2026.

4. Establish a **Graduate Certificate in Digital Innovation in Global Business** in the Eli Broad College of Business. The University Committee on Graduate Studies (UCGS) recommended approval of this request at its November 17, 2025 meeting.

a. **Background Information:**

Industry and market forces seek shorter credentials that correlate with specific knowledge and skill attainment. This certificate provides a credential that acknowledges the knowledge/skills earned through this set of 9 credits. It also can serve as a stackable pathway into a graduate program, broadening access to our degree(s). Aligned with MSU's mission to advance knowledge and transform lives, our value of eliminating barriers to access and success, and our strategic objectives to increase access and successful completion of graduate and professional education and to advance an online learning strategy that expands access and increases the breadth of learners served.

These certificates bundle knowledge and courses currently housed in the unit and will provide current and emerging leaders with cross-functional business essentials to drive organizational success. This aligns directly with college and University objectives.

b. **Academic Programs Catalog Text:**

The Graduate Certificate in Digital Innovation in Global Business develops leaders who can drive digital innovation across diverse global markets. Students gain expertise in data-driven decision-making, international economic strategy, and digital technologies, while exploring the cultural and strategic complexities of operating in a global context. The program prepares professionals to lead transformation initiatives that are both technologically advanced and globally informed.

Admission

To be considered for admission to the Graduate Certificate in Digital Innovation in Global Business, an applicant must:

1. Be employed in a managerial position with work experience that will enhance contributions to the team and the program, and/or have demonstrated potential for career advancement and leadership in the public or private sector.
2. Be recommended for acceptance into the program by two or more professional colleagues.
3. Have a bachelor's degree from a recognized educational institution or equivalent academic credential. The educational institution, academic program, and academic record are considered.
4. Have personal attributes such as demonstrated management potential and maturity, leadership qualities, intellectual curiosity, perseverance, and a drive to succeed.

5. Successfully complete an interview/evaluation, articulating professional goals and how the program will contribute to personal success.

Requirements for the Graduate Certificate in Digital Innovation in Global Business

The Graduate Certificate in Digital Innovation in Global Business is available only online. Students must complete 9 credits as specified below.

		CREDITS
1.	Complete the following courses (6 credits):	
	PIM 813 Digital Transformation	1.5
	PIM 821 Applied Economics for Strategic Decision Making	1.5
	PIM 851 Data-driven Decision making	1.5
	PIM 872 International Strategies	1.5
2.	Complete 3 additional 800-level or above credits in courses related to digital transformation for global organizations approved by the college. Courses may be selected from the following:	
	PIM 874 The Global Marketplace	3
	Other courses as approved by the program director.	

Students who successfully complete courses with a 3.0 or higher grade may apply courses to one graduate certificate and one degree program.

Effective Fall 2026.

5. Establish a **Graduate Certificate in Consulting** in the Eli Broad College of Business. The University Committee on Graduate Studies (UCGS) recommended approval of this request at its November 17, 2025 meeting.

a. **Background Information:**

This collection of course work has been provided to students for over a decade, consistent with faculty guidance, as part of our regular advising strategies. Compiling this course work under a Graduate Certificate is an important step in not only providing students an even more tangible path forward, it provides the MBA program and its faculty an annual opportunity to give even more attention to this critical skill area, by auditing available courses and needed skills, and ensuring we continually are putting the best route forward for students and the MBA program.

b. **Academic Programs Catalog Text:**

The Graduate Certificate in Consulting prepares students and aspiring consultants to analyze complex organizational challenges, design actionable solutions, and deliver measurable value to clients. Drawing on best practices from strategy, leadership, operations, and data-driven decision making, the program equips students with the knowledge and skills needed to succeed in the dynamic consulting industry. Through a combination of applied course work, case-based learning, and experiential projects, students will develop expertise in diagnostic problem-solving, client relationship management, and strategic communication. The certificate emphasizes both the technical and interpersonal dimensions of consulting, including structured problem analysis, project management, presentation skills, and change implementation.

Requirements for the Graduate Certificate in Consulting

Students must complete 9 credits from the following:

		CREDITS
ACC 807	Using Financial Statement Data for Decision-Making – An Analytics Approach	3
ACC 822	Information Systems Project Management	1 to 3
FI 844	Corporate Financial Strategies	1 to 3
FI 847	Corporate Strategies and Risk Management	1 to 3
FI 859	Mergers and Acquisitions	1 to 3
FI 863	Corporate Restructuring and Governance	1 to 3
MGT 832	Foundations of Negotiation	1 to 3

MGT	833	Complex Negotiations and Dispute Resolution Systems	1 to 3
MGT	842	Leading a Strategy Change	1 to 3
MKT	811	Brand Insights	1.5
MKT	821	Brand Strategy	1.5
SCM	833	Decision Support Models	1 to 3

Effective Fall 2026.

6. Establish a **Graduate Certificate in Healthcare Management** in the Eli Broad College of Business. The University Committee on Graduate Studies (UCGS) recommended approval of this request at its November 17, 2025 meeting.

a. **Background Information:**

Industry and market forces seek shorter credentials that correlate with specific knowledge and skill attainment. This certificate provides a credential that acknowledges the knowledge/skills earned through this set of 9 credits. It also can serve as a stackable pathway into a graduate program, broadening access to our degree(s). Aligned with MSU's mission to advance knowledge and transform lives, our value of eliminating barriers to access and success, and our strategic objectives to increase access and successful completion of graduate and professional education and to advance an online learning strategy that expands access and increases the breadth of learners served.

These certificates bundle knowledge and courses currently housed in the unit and will provide current and emerging leaders with cross-functional business essentials to drive organizational success. This aligns directly with college and University objectives.

b. **Academic Programs Catalog Text:**

The Graduate Certificate in Healthcare Management provides essential foundations for effectively leading and managing healthcare systems.

Admission

To be considered for admission to the Graduate Certificate in Healthcare Management, an applicant must:

1. Be employed in a managerial position with work experience that will enhance contributions to the team and the program, and/or have demonstrated potential for career advancement and leadership in the public or private sector.
2. Be recommended for acceptance into the program by two or more professional colleagues.
3. Have a bachelor's degree from a recognized educational institution or equivalent academic credential. The educational institution, academic program, and academic record are considered.
4. Have personal attributes such as demonstrated management potential and maturity, leadership qualities, intellectual curiosity, perseverance, and a drive to succeed.
5. Successfully complete an interview/evaluation, articulating professional goals and how the program will contribute to personal success.

Requirements for the Graduate Certificate in Healthcare Management

The Graduate Certificate in Healthcare Management is available only online. Students must complete 10 credits as specified below.

		CREDITS
1.	Complete the following course (2 credits): HCM 808 Healthcare Systems and Economic Policy	2
2.	Complete one of the following courses (2 credits): HCM 801 Critical Thinking and Innovation in Healthcare HCM 811 Healthcare Strategic Management	2
3.	Complete one of the following courses (2 credits): HCM 802 Cost Analysis in Healthcare HCM 804 Financial Management in Healthcare	2

4.	HCM 825	Analytics in Healthcare	2
	Complete 4 credits of additional 800-level or above courses related to managing the business of healthcare systems approved by the college. Courses may be selected from the following:		
	HCM 805	Quality, Risk, and Performance Management	2
	HCM 807	Law and Ethics in Healthcare	2
	HCM 809	Organizational Behavior in Healthcare	2
	HCM 813	Healthcare Services Marketing	2
	HCM 821	Healthcare Regulations	2
	HCM 822	Healthcare Compliance	2
	Other courses as approved the program director.		

Students who successfully complete courses with a 3.0 or higher grade may apply courses to one graduate certificate and one degree program.

Effective Fall 2026.

7. Establish a **Graduate Certificate in Organizational Leadership and Strategy** in the Eli Broad College of Business. The University Committee on Graduate Studies (UCGS) recommended approval of this request at its November 17, 2025 meeting.

a. **Background Information:**

Industry and market forces seek shorter credentials that correlate with specific knowledge and skill attainment. This certificate provides a credential that acknowledges the knowledge/skills earned through this set of 9 credits. It also can serve as a stackable pathway into a graduate program, broadening access to our degree(s). Aligned with MSU's mission to advance knowledge and transform lives, our value of eliminating barriers to access and success, and our strategic objectives to increase access and successful completion of graduate and professional education and to advance an online learning strategy that expands access and increases the breadth of learners served.

These certificates bundle knowledge and courses currently housed in the unit and will provide current and emerging leaders with cross-functional business essentials to drive organizational success. This aligns directly with college and University objectives.

b. **Academic Programs Catalog Text:**

The Graduate Certificate in Organizational Leadership and Strategy equips professionals with the strategic mindset and leadership capabilities needed to drive organizational success. Courses emphasize decision-making, change management, and negotiation, preparing students to lead with confidence, influence outcomes, and align teams around strategic goals in complex environments.

Admission

To be considered for admission to the Graduate Certificate in Organizational Leadership and Strategy, an applicant must:

1. Be employed in a managerial position with work experience that will enhance contributions to the team and the program, and/or have demonstrated potential for career advancement and leadership in the public or private sector.
2. Be recommended for acceptance into the program by two or more professional colleagues.
3. Have a bachelor's degree from a recognized educational institution or equivalent academic credential. The educational institution, academic program, and academic record are considered.
4. Have personal attributes such as demonstrated management potential and maturity, leadership qualities, intellectual curiosity, perseverance, and a drive to succeed.
5. Successfully complete an interview/evaluation, articulating professional goals and how the program will contribute to personal success.

Requirements for the Graduate Certificate in Organizational Leadership and Strategy

The Graduate Certificate in Organizational Leadership and Strategy is available only online. Students must complete 9 credits as specified below.

		CREDITS
1.	Complete all of the following courses (6 credits):	
	PIM 800 Managerial Skills	1.5
	PIM 852 Negotiation	1.5
	PIM 853 Human Resources and Talent Management	1.5
	PIM 855 Strategic Management I	1.5
2.	Complete 3 credits of additional 800-level or above courses related to managing organizations approved by the college. Courses may be selected from the following:	
	PIM 803 Leadership Development	1.5
	PIM 876 Ethics in the Workplace	1.5
	Other courses as approved the program director.	

Students who successfully complete courses with a 3.0 or higher grade may apply courses to one graduate certificate and one degree program.

Effective Fall 2026.

8. Change the requirements for the **Master of Business Administration** degree in **STEM** in The Eli Broad College of Business and Graduate School of Management. The University Committee on Graduate Studies (UCGS) approved this request at its January 26, 2026 meeting.

The concentrations in the Master of Business Administration degree in STEM are noted on the student's academic record when the requirements for the degree have been completed.

a. Under the heading **Admission**, make the following changes:

(1) In the sixth paragraph, delete the following statement:

Each full-time M.B.A. student is required to have a personal laptop computer with a minimum configuration approved by the Director of the full-time M.B.A. Program.

b. Under the heading **Requirements for the STEM Master of Business Administration Degree** make the following changes:

(1) In item 1., change the total credits from '61' to '54'.

(2) In item 1.a., delete the following courses:

MBA 804	Applied Data Analysis for Managers	1.5
MBA 816	Managerial Communication Strategy and Tactics	1.5
MBA 817	Designing and Delivering Impactful Business Presentations	1.5
MBA 843	Career Management	1
MBA 845	Integrative Action Projects	4

Add the following courses:

MBA 816	Managerial Communication Strategy and Tactics	3
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(3) Replace item 1.b. with the following:

A quantitatively driven concentration in business analytics, management science, finance, marketing (minimum 9 credits), or supply chain management (12 credits) or other approved concentration approved by the Assistant Dean, M.B.A. Programs, or designee.

(4) Replace item 1.c. with the following:

At least 3 credits of international business selected from courses approved by the Assistant Dean, M.B.A. Programs or designee.

(5) Replace the note following item 2. with the following:

Additional quantitative courses will be considered annually, pending review of college academic departments, and the Assistant Dean, M.B.A. Programs or designee. Topics in Finance must be approved by the Assistant Dean, M.B.A. Programs or designee.

(6) In item 2., delete the following courses:

FI	845	Financial Modeling and Simulation I	1.5
FI	846	Financial Modeling and Simulation II	1.5
MKT	864	Data Mining for Marketing	1.5

Add the following course:

FI	845	Financial Modeling and Simulation	3
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(7) Delete item 3. **Enrichment Experience.**

Effective Fall 2026.

9. Establish a **Master of Science** degree in **Professional Accounting and Analytics** in the Department of Accounting and Information Systems. The University Committee on Graduate Studies (UCGS) recommended approval of this request at its November 17, 2025 meeting.

a. **Background Information:**

Accounting is consistently one of the most in-demand majors by employers. The prospects for accounting majors continue to grow as the U.S. Bureau of Labor Statistics projected 6% job growth for accountants from 2023 to 2033, faster than the average for all occupations. Placement rates for the Master of Science Degree in Accounting graduates are consistently above 95%. Despite the strong demand for accountants, the numbers of those enrolling in accounting as a major have been in decline nationwide. This “pipeline problem” is a major issue not only for businesses, but for state, local, and federal agencies, universities and colleges, and not-for-profits that all require the expertise of accountants. There are 340,000 fewer accountants in the U.S. than there were 5 years ago, and this shortage has major ramifications for both the public and private sector here in Michigan. The importance of qualified accountants and CPAs has been an area of focus for Governor Gretchen Whitmer (<https://www.michigan.gov/whitmer/news/proclamations/2024/11/11/november-11-15-2024-certified-public-accountant-week>).

This program seeks to address this shortage by tapping a new group of individuals that could benefit greatly from a degree in accounting from MSU. In two to three semesters, depending on if a student desires to meet CPA exam education requirements, this new program will provide an opportunity for individuals with a bachelor's degree in any field that are currently underemployed, unemployed, unhappy with their current work situation or career prospects, or wanting to have a path to a higher standard of living to learn the skills they need to have a successful career in accounting. Our current Master of Science Degree in Accounting and online Master of Science Degree in Accounting and Data Analytics degrees do not accommodate these targeted students.

One group of students that would greatly benefit from this program are our MSU students that are denied admittance to the Broad College's undergraduate programs due to capacity constraints. In the 2023-24 fiscal year there were 1,029 MSU students denied admittance to Broad College and 81 of these students selected accounting as their intended major. Many of these students we would love to have in our undergraduate accounting program, but they were denied admittance at the college level due to a college cap on enrollments. Most of these students go on to complete a bachelor's degree in a non-business major, while some transfer to different universities to continue their pursuit of a business degree. This new master's program will create a path for these students to pursue a career in accounting through an in-person, degree-change focused master's degree at MSU.

Through a survey of MSU students that were denied admittance into the Eli Broad College of Business over the past several years, the results indicated significant interest for an in-person master's degree in accounting geared towards those with a non-business undergraduate degree at MSU amongst this group of students.

We emphasize that this new master's program should not cannibalize existing accounting master's programs because it targets a very different student population. Our MSU undergraduate accounting students that have the prerequisites to enroll in our in-person Master of Science Degree in Accounting program would not be allowed in the program. The foundation courses required in this new program that make up 21 of the 30 required credits would be repetitive for those students that have an accounting undergraduate degree. Likewise, students that do not have an accounting undergraduate degree or an equivalent amount of accounting and business credits would not meet the requirements for acceptance into the Master of Science Degree program in Accounting.

Also, the in-person program offers something that the online Master of Science Degree program in Accounting and Data Analytics does not. Students in the in-person program will be able to take full advantage of the in-person networking opportunities that will allow them to connect with public accounting firms and other employers. These opportunities are invaluable in securing career opportunities. Public accounting firms are the biggest employers of MSU accounting graduates by far and hire most new associates from their internship programs. They heavily utilize in-person events to identify talent. Our proposed program will provide students with access to campus recruiters and will accommodate internships prior to completion of the degree. Further, online education is not the best format for many students, and because of this some students prefer an in-person learning environment.

Like the Master of Science degree in Accounting and the online Master of Science degree in Accounting and Data Analytics, the Master of Science degree in Professional Accounting and Analytics would be a STEM designated program. It would also be an AACSB accredited accounting degree.

b. **Academic Programs Catalog Text:**

The Master of Science degree program in Professional Accounting and Analytics is designed for students with a non-accounting bachelor's degree interested in advancing their knowledge of accounting and data analysis skills. The program includes a set of foundational accounting courses followed by specialized concentrations and will equip students with technical accounting knowledge and data analysis skills that are in high demand in organizations in all sectors of the economy. Courses taken in the program will count towards the education requirements of professional certifications such as the Certified Public Accountant and Certified Management Accountant. Students entering the program without a background in business or economics will need additional course work to meet certification requirements.

Admission

The program starts in the Fall semester. Admission decisions are competitive and will be made on a rolling basis.

The minimum requirement for consideration is:

1. a bachelor's degree from a recognized institution with a recommended minimum grade-point-average of a 3.0.
2. three letters of recommendation.
3. the applicant's statement of objectives.
4. work experience.
5. TOEFL and IELTS score, if relevant.

Requirements for the Master of Science Degree in Professional Accounting and Analytics

Students must complete an approved program of study with a minimum cumulative grade point average of 3.0. A minimum of 30 credits under Plan B (without a thesis) is required. The program requires foundation courses (18 credits), an accounting data analytics course (3 credits), and a concentration in either accounting analytics, managerial analysis for decision making, transaction services, or tax (9 credits). The requirement to complete individual foundational courses may be waived at the discretion of the program director.

		CREDITS
1.	Complete all of the following courses (21 credits):	
	<i>Foundations of Accounting, Information Systems, and Data Analysis</i>	
ACC	870 Principles of Financial and Managerial Accounting	3
ACC	871 Accounting Database Systems	3
ACC	872 Financial Reporting and Data Analysis	3
ACC	873 Principles of Federal Income Tax Accounting	3
ACC	874 Performance Measurement and Control Systems	3
ACC	875 Auditing – Assurance and Data Analysis	3
	<i>Accounting Data Analytics</i>	
ACC	827 Accounting Analytics	3
2.	Complete at least one of the following concentrations:	
	Accounting Analytics (9 credits)	
ACC	814 Advanced Auditing	3
ACC	822 Information Systems Project Management	3
ACC	843 Value Chain Accounting and Analytics	3
	Managerial Analysis for Decision Making (9 credits)	
ACC	807 Using Financial Statement Data for Decision Making - An Analytics Approach	3
ACC	841 Corporate Sustainability Strategy Development and Implementation	3
ACC	843 Value Chain Accounting and Analytics	3
	Taxation (9 credits)	
ACC	833 Federal Income Taxation of Corporations and Shareholders	3
	Two of the following courses (6 credits):	
ACC	830 Tax Research	3
ACC	836 U.S. Taxation of Multinational Transactions	3
ACC	850 Accounting and Tax Implications of Mergers and Acquisitions	3
	Transaction Services (9 credits)	
ACC	855 Transaction Services	3
	Two of the following courses (6 credits):	
ACC	807 Using Financial Statement Data for Decision Making - An Analytics Approach	3
ACC	850 Accounting and Tax Implications of Mergers and Acquisitions	3
FI	845 Financial Modeling and Simulation I	3
3.	Choose electives from courses within the concentrations to meet the 30-credit minimum.	

Effective Fall 2026.

LYMAN BRIGGS COLLEGE

1. Recognize the **Applied Conservation Biology** major leading to the Bachelor of Science degree in the Department of Fisheries and Wildlife as a **Coordinate Major in Lyman Briggs College**. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at its meeting on January 8, 2026.

Effective Summer 2026.

2. Recognize the **Aquatic Ecology and Management** major leading to the Bachelor of Science degree in the Department of Fisheries and Wildlife as a **Coordinate Major in Lyman Briggs College**. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at its meeting on January 8, 2026.

Effective Summer 2026.

3. Recognize the **Fish Ecology and Management** major leading to the Bachelor of Science degree in the Department of Fisheries and Wildlife as a **Coordinate Major in Lyman Briggs College**. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at its meeting on January 8, 2026.

Effective Summer 2026.

4. Recognize the **Wildlife Ecology and Management** major leading to the Bachelor of Science degree in the Department of Fisheries and Wildlife as a **Coordinate Major in Lyman Briggs College**. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at its meeting on January 8, 2026.

Effective Summer 2026.

COLLEGE OF SOCIAL SCIENCE

1. Delete the curriculum and degree requirements for the **Bachelor of Science** degree in **Economic Geography** in the Department of Geography, Environment, and Spatial Sciences. The University Committee on Undergraduate Education (UCUE) provided consultative commentary to the Provost after considering this request. The Provost made the determination to discontinue the program after considering the consultative commentary from the University Committee on Undergraduate Education.

No new students are to be admitted to the program effective Fall 2024. No students are to be readmitted to the program effective Fall 2024. Effective Spring 2027, coding for the program will be discontinued and the program will no longer be available in the Department of Geography, Environment, and Spatial Sciences. Students who have not met the requirements for the Bachelor of Science Degree in Economic Geography through the Department of Geography, Environment, and Spatial Sciences prior to Spring 2027 will have to change their major.

Note: This program has been in moratorium since Fall 2024.

2. Delete the curriculum and degree requirements for the **Bachelor of Science** degree in **Geographic Information Science** in the Department of Geography, Environment, and Spatial Sciences. The University Committee on Undergraduate Education (UCUE) provided consultative commentary to the Provost after considering this request. The Provost made the determination to discontinue the program after considering the consultative commentary from the University Committee on Undergraduate Education.

No new students are to be admitted to the program effective Fall 2024. No students are to be readmitted to the program effective Fall 2024. Effective Spring 2027, coding for the program will be discontinued and the program will no longer be available in the Department of Geography, Environment, and Spatial Sciences. Students who have not met the requirements for the Bachelor of Science Degree in Geographic Information Science through the Department of Geography, Environment, and Spatial Sciences prior to Spring 2027 will have to change their major.

Note: This program has been in moratorium since Fall 2024.

3. Change the requirements for the **Bachelor of Arts** degree in **Child Development: Birth to Kindergarten and Special Education** in the Department of Human Development and Family Studies. The Teacher Education Council (TEC) approved this request at its January 8, 2026 meeting.

a. Under the heading **Requirements for the Bachelor of Arts Degree in Child Development** make the following changes:

(1) In item 3. a., delete the following course:

TE	301A	Children's Literacy Development PK-3 (W)	3
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Add the following course:

TE	301	Children's Literacy Development (W)	3
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Effective Fall 2026.

PART II - NEW COURSES

OFFICE OF THE PROVOST

UGS 291	Special Topics On Demand. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. Special topics supplementing regular course offerings proposed by faculty. <u>Request the use of ET-Extension to postpone grading.</u> <u>The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.</u> Effective Spring Semester 2026
UGS 300	Study Abroad/Away in Undergraduate Education On Demand. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of college. Scholarship and inquiry in global, domestic and international contexts. Special interdisciplinary-based topics focused on developing analytical thinking, problem solving skills and a deeper understanding of global issues. <u>Request the use of ET-Extension to postpone grading.</u> <u>The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.</u> Effective Spring Semester 2026

COLLEGE OF ARTS AND LETTERS

DH 410	Culture: Digital and Physical Summer of every year. 2 to 3 credits. Interdepartmental with Arts and Cultural Management, Museum Studies R: Approval of department. Explores museums, libraries, and archives to discover how they are using digital methods to reach new audiences, create new knowledge and experiences, and preserve culture for the future. Effective Summer Semester 2026
XA 391	Special Topics Fall of every year. Spring of every year. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. P: XA 242 R: Open to undergraduate students or approval of department. Researching and designing special topics in Experience Architecture. Topics vary. Effective Fall Semester 2026

THE ELI BROAD COLLEGE OF BUSINESS

BUS 210	Applied Artificial Intelligence for Business Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to undergraduate students in the Accounting major or in the Business - Admitted major or in the Finance major or in the Human Resource Management major or in the Management major or in the Marketing major or in the Supply Chain Management major or approval of college. Hands-on business course that builds critical thinking and adaptive problem-solving skills for applying artificial intelligence (AI) and other fast-evolving technologies to real-world business challenges. Effective Fall Semester 2026
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PIM 884	<p>Artificial Intelligence Governance Fall of every year. 1 to 3 credits. R: Open to graduate students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Business Data Science and Analytics Major or approval of college. Explores how organizations can adopt artificial intelligence responsibly, balancing innovation with ethical, legal, and societal considerations. Students examine issues such as data privacy, algorithmic bias, transparency, accountability, and regulatory frameworks, with a focus on business applications. Through case studies and applied exercises, students learn how to design and evaluate governance practices that ensure AI creates value while aligning with organizational goals and stakeholder trust. Effective Fall Semester 2026</p>
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DEPARTMENT OF CHEMISTRY

CEM 145L	<p>Basic Organic Chemistry Laboratory Fall of every year. Spring of every year. 1(0-2) P: ((CEM 144 or concurrently) and CEM 161) or LB 171L Not open to students with credit in CEM 255. Fundamental laboratory techniques in organic chemistry. Experience in synthesis, purification and data analysis of organic compounds. Effective Fall Semester 2026</p>
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COLLEGE OF EDUCATION

ED 810	<p>Artificial Intelligence and Pedagogy in Collegiate Contexts Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: Desire to learn about and help shape the use of AI in higher education classrooms. Some prior use of AI tools. R: Open to master's students. Not open to students with credit in ED 910. Develop strategies to help faculty integrate AI into their collegiate teaching practices using hands-on projects and collaborative partnerships. Final project includes a white paper. Effective Spring Semester 2026</p>
ED 910	<p>Artificial Intelligence and Pedagogy in Collegiate Contexts Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: Desire to learn about and help shape the use of AI in higher education classrooms. Some prior use of AI tools. R: Open to doctoral students. Not open to students with credit in ED 810. Develop strategies to help faculty integrate AI into their collegiate teaching practices using hands-on projects and collaborative partnerships. Final project includes writing an article. Effective Spring Semester 2026</p>

DEPARTMENT OF FINANCE

FI 426	<p>Financial Technology Spring of every year. 3(3-0) P: FI 311 RB: Finance R: Open to juniors or seniors in the Finance major. Navigating the ongoing disruption of financial services and exploring technology-driven solutions designed to enhance traditional financial practices. Discovering foundational concepts of FinTech and how technology, coupled with regulatory and market changes, has revolutionized traditional financial services. Effective Spring Semester 2026</p>
FI 458	<p>Equity Portfolio Management Spring of every year. 3(3-0) P: FI 457 RB: Experience in Excel and Accounting R: Open to undergraduate students in the Finance major. Equity portfolio management for the Student Investment Fund (SIF). Manage stocks in the portfolio. Become sector experts and generate new ideas from the SP 400 index. Generate monthly portfolio performance reports. Learn portfolio strategies and analytics. Effective Spring Semester 2026</p>

DEPARTMENT OF GEOGRAPHY, ENVIRONMENT, AND SPATIAL SCIENCES

GEO 116	Introduction to Urban Studies Fall of every year. 3(3-0) Introduces the interdisciplinary field of urban studies drawing on urban planning, economics, geography, sociology, politics, and the humanities to provide basic concepts for understanding the urbanized world of the twenty-first century. Cities as economic, social, and political systems and ways in which people have thought about cities. Effective Fall Semester 2026
GEO 329	Collection and Analysis of Drone Imagery Fall of even years. 3(2-2) P: GEO 324 or approval of department Multi-platform, sensor data collection, pre-processing and analysis across differing subfields; fieldwork and analysis. Platforms: multiple types of quadcopters, vertical takeoff and landing (VTOL) systems; sensors to be utilized: multispectral, hyperspectral, thermal, red-edge, lidar. Effective Fall Semester 2026
GEO 416	The World System of Cities (W) Spring of every year. 3(3-0) P: Completion of Tier I Writing Requirement Global economic restructuring and its social, economic, and political impacts on the world system of cities. Effective Spring Semester 2027

DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

HDFS 840	Families in Social and Cultural Contexts Spring of even years. 3(3-0) Advanced overview of major theoretical and conceptual frameworks used to study families, emphasizing how theories help us understand variation across family forms, relationships, and cultural contexts. Effective Fall Semester 2026
HDFS 930	Applied Measurement in the Social Sciences Fall of odd years. 3(3-0) P: HDFS 880 and HDFS 881 RB: Graduate-level course in applied statistics including regression. R: Approval of department. Survey of contemporary methods to construct measures and examine validity, with a focus on internal structure validity, in the applied measurement of latent traits in the social sciences. Effective Fall Semester 2026
HDFS 965	Applied Multi-Level Modeling in the Social Sciences Spring of even years. 3(3-0) P: HDFS 880 and HDFS 881 and HDFS 960 R: Approval of department. Introduction to the theory and application of hierarchical linear modeling to clustered data, including the applied scientific settings giving rise to clustered data, methods for analysis, and critical review of applications. Effective Fall Semester 2026

COLLEGE OF HUMAN MEDICINE

HM 660	Rural Health Leadership: Strategies for Effective Community Care Spring of every year. 3(3-0) P: HM 552 R: Open to graduate-professional students in the College of Human Medicine. Experience in rural healthcare and leadership, including advocacy, hands-on point-of-care ultrasound training, street medicine, sports medicine, treatment of substance use disorders, basic rural emergency dept skill practice, and community service initiatives. <u>Request the use of the Pass-No Grade (P-N) system.</u> <u>Request the use of ET-Extension to postpone grading.</u> <u>The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.</u> Effective Spring Semester 2026
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HM 661	<p>Narrative Medicine Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: HM 552 R: Open to graduate-professional students in the College of Human Medicine. Applying the skills and perspectives of the humanities to the experience of patients, health care providers, and communities. Request the use of the Pass-No Grade (P-N) system. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment. Effective Spring Semester 2026</p>
HM 662	<p>Caring for the Medically Underserved Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: HM 552 R: Open to graduate-professional students in the College of Human Medicine. Community-engaged course explores the importance of caring for the medically underserved through immersive learning using a mixture of didactics, community exploration, and clinical activities. Request the use of the Pass-No Grade (P-N) system. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment. Effective Spring Semester 2026</p>
HM 663	<p>Advocacy Skills Spring of every year. 3(3-0) P: HM 552 R: Open to graduate-professional students in the College of Human Medicine. Foundational skills needed to become effective physician-advocates, gaining an understanding of the policy landscape that influences patient care and public health while developing practical advocacy tools. Request the use of the Pass-No Grade (P-N) system. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment. Effective Spring Semester 2026</p>
HM 664	<p>Special Topics in Bioethics: Disability Studies Spring of every year. 3(3-0) P: HM 552 R: Open to graduate-professional students in the College of Human Medicine. Intersections of bioethics and disabilities studies, including disability models, representation of disabled people in the healthcare profession, the relationships between disability and the aims of medicine and health disparities. Request the use of the Pass-No Grade (P-N) system. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment. Effective Spring Semester 2026</p>

CENTER FOR INTEGRATIVE STUDIES IN ARTS AND HUMANITIES

IAH 207R	<p>The Presence of the Past (D) Fall of every year. 4(4-0) P: RCAH 111 or concurrently R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities. Cultural significance of main currents in world history. Ethical challenges. Experiential learning activities. Dilemmas of future engagement. Career implications. SA: RCAH 202 Effective Fall Semester 2026</p>
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IAH 231R Themes and Issues: Transcultural Relations (I)
Fall of every year. Spring of every year. 4(4-0) P: (IAH 201 or IAH 202 or IAH 203 or IAH 204 or IAH 205 or IAH 206 or IAH 207 or IAH 208 or IAH 209 or IAH 210) or ((IAH 207R and (RCAH 112 or concurrently)) and completion of Tier I writing requirement) R: Open to undergraduate students. Not open to students with credit in RCAH 205.
Key theoretical issues in the study of transcultural relationships. Broad historical perspective.
Earliest development of societies. Interaction of early cultures. Crucial technological developments. Transcultural interactions today.
SA: RCAH 203
Effective Fall Semester 2026

CENTER FOR INTEGRATIVE STUDIES IN SOCIAL, BEHAVIORAL AND ECONOMIC SCIENCES

ISS 335A National Diversity and Change: United States - Experiential Learning (N)
Fall of every year. Spring of every year. 4(4-0) P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors in the College of Social Science. Not open to students with credit in ISS 305 or ISS 308 or ISS 310 or ISS 315 or ISS 318 or ISS 320 or ISS 327 or ISS 328 or ISS 330A or ISS 330B or ISS 335 or ISS 325 or ISS 330C.
Racial, ethnic, class, gender, and other forms of diversity in the United States. Systems of dominant-minority relations and forms of prejudice and discrimination. Scope of and responses to group inequalities. Required service learning component.
Effective Fall Semester 2026

COLLEGE OF LAW

LAW 530X RWA Writing Seminar
On Demand. 0 credit. RB: Only first-year J.D. students enrolled in RWA R: Open to Law students in the College of Law.
Professional, fundamental legal writing skills, including grammar, punctuation, usage, clarity, mechanics, and syntax.
Request the use of the Pass-Fail Grade (P-F) system.
Effective Fall Semester 2026

LAW 632 Clinic Special Topic
On Demand. 0 to 6 credits. R: Open to Law students in the College of Law.
Topic varies and determined in consultation with the faculty advisor.
Request the use of the Pass-Fail Grade (P-F) system.
Effective Spring Semester 2026

DEPARTMENT OF LINGUISTICS, LANGUAGES AND CULTURES

FLT 842 Teaching Reading in a Foreign Language
Fall of even years. 3(3-0) R: Open to graduate students in the Foreign Language Teaching Major or approval of department. Not open to students with credit in LLT 809.

REINSTATEMENT Topics and issues in teaching reading in a foreign language. Vocabulary development, syntax, fluency in reading, integrating reading skills with listening, speaking, and writing. Measurement of reading comprehension. Age appropriate reading instruction and literacy development. L1 transfer issues. Teaching reading to learners not literate in their L1.
Effective Spring Semester 2026

RUS 311 Advanced Russian: Oral Communication
Spring of every year. Summer of every year. 3(3-0) P: RUS 201

REINSTATEMENT Development of listening comprehension and oral communication in Russian. Expansion of vocabulary, development of fluency, and use of idiomatic expressions. Review of grammatical structures relevant for speaking.
Effective Summer Semester 2026

RUS 341 Russian Life and Culture of the 20th Century
Summer of every year. 3(3-0) P: RUS 202
REINSTATEMENT Social, political, intellectual, and artistic life of twentieth-century Russia. Texts read in Russian.
Effective Summer Semester 2026

COLLEGE OF MUSIC

MUS 489 Screen Scoring
Fall of every year. 2(2-0) R: Open to juniors or seniors or graduate students or approval of college.
Hands-on experience in creating music for the screen, including film, television, and video games. Structured around two major components: lectures that focus on the literature and practice of screen music, and scoring workshops that emphasize musical composition and technology.
Effective Fall Semester 2026

DEPARTMENT OF PEDIATRICS AND HUMAN DEVELOPMENT

PHD 650 Introduction to Child Health
Spring of every year. 3(3-0) P: HM 552 R: Open to graduate-professional students in the College of Human Medicine.
With clinical observations, simulation-based learning, hands-on skills training, and community engagement, students will gain insight into the care of children across multiple care settings.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Spring Semester 2026

DEPARTMENT OF PHILOSOPHY

PHL 444 Philosophical Issues in Biomedicine
Fall of even years. 4(4-0) RB: PHL 344
REINSTATEMENT Philosophically puzzling features of medical research, policy, and practice. Issues in theories of knowledge, personal identity, reference and meaning.
Effective Fall Semester 2026

DEPARTMENT OF PLANT BIOLOGY

PLB 201 Plant Structure-Function
Fall of every year. Spring of every year. 5(4-2) R: Open to undergraduate students in the Department of Fisheries and Wildlife or in the Department of Horticulture or in the Department of Plant Biology or in the Department of Plant, Soil and Microbial Sciences or in the Department of Forestry or in the Environmental Biology/Plant Biology Major or in the Plant Biology Major or in the Biology Disciplinary Teaching Minor or approval of department.
Explores plant diversity from a structure-function perspective with a critical focus on the ecological and evolutionary significance of variation among plant taxonomic groups.
Effective Fall Semester 2026

DEPARTMENT OF PLANT, SOIL AND MICROBIAL SCIENCES

TURF 242 Turf Cultural Practices
Fall of every year. 2(1-2) P: (TURF 212 or concurrently) and (SOIL 210 or concurrently)
Experiential learning in establishing and maintaining golf courses and athletic fields.
Familiarization with safe and effective techniques for operating turf maintenance equipment.
SA: CSS 232, TURF 232
Effective Fall Semester 2026

DEPARTMENT OF RADIOLOGY

RAD 591 Introduction to Radiology
Spring of every year. 3(3-0) P: HM 552 R: Open to graduate-professional students in the College of Human Medicine.
Radiology modalities, including x-ray, ultrasound, CT, MRI, and other advanced techniques.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Spring Semester 2026

DEPARTMENT OF WRITING, RHETORIC, AND CULTURES

WRA 191 Special Topics in Writing
Fall of every year. Spring of every year. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.
Writing-intensive special topics in writing. Topics vary.
Effective Fall Semester 2026

PART III – COURSE CHANGES

OFFICE OF THE PROVOST

UGS 250	<p>Career and Professional Development</p> <p><u>Fall of every year. Spring of every year. Fall of every year. Spring of every year. Summer of every year.</u> 1 to 3 credits. P: Completion of Tier I Writing Requirement R: Open to sophomores or juniors.</p> <p>Connection between academic majors, professional skills, and careers. Development of skills needed to identify, obtain, and maintain a fulfilling career. Engagement with employers, alumni, and professional organizations.</p> <p>Request the use of ET-Extension to postpone grading.</p> <p>The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.</p> <p>Effective Fall Semester 2026</p>
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DEPARTMENT OF ACCOUNTING AND INFORMATION SYSTEMS

ACC 827	<p><u>Accounting Analytics Accounting Analytics and Artificial Intelligence</u></p> <p>Fall of every year. Spring of every year. Summer of every year. 3(3-0) Interdepartmental with Information Technology Management P: (ACC 321 or ACC 821) and ACC 411 R: Open to master's students in the Accounting Major or approval of department. R: Open to master's students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Department of Accounting and Information Systems or in the Accounting and Data Analytics Major or approval of department.</p> <p>Data visualization, predictive analytics, time series analysis, machine learning, supervised and unsupervised learning, association analysis, and other analytics techniques as appropriate to accounting environment and situation. Data visualization, predictive analytics, time series analysis, machine learning, supervised and unsupervised learning, association analysis, artificial intelligence tools, and other analytics tools and techniques as appropriate to accounting environment and situation.</p> <p>Effective Fall Semester 2026</p>
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DEPARTMENT OF AEROSPACE STUDIES

AS 321L	<p>Air Force Leadership Studies I Laboratory</p> <p>Fall of every year. 1(0-4) P: AS 111L and AS 112L and AS 211L and AS 212L R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 321 concurrently</p> <p>Provides Professional Officer Corps cadets the opportunity to exercise leadership skills with an assigned leadership position in the operation and administration of the cadet wing in a constructive learning environment. Evaluates each individual's ability to lead other cadets in the General Military Course in customs and courtesies, drill and ceremonies, group leadership projects, and required military training.</p> <p>Effective Fall Semester 2026</p>
AS 322L	<p>Air Force Leadership Studies II Laboratory</p> <p>Spring of every year. 1(0-4) P: AS 111L and AS 112L and AS 211L and AS 212L and AS 321L R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 322 concurrently</p> <p>Provides Professional Officer Corps cadets the opportunity to exercise leadership skills with an assigned leadership position in the operation and administration of the cadet wing in a constructive learning environment. Evaluates each individual's ability to lead other cadets in the General Military Course in customs and courtesies, drill and ceremonies, group leadership projects, and required military training.</p> <p>Effective Fall Semester 2026</p>

AS 421L	National Security Affairs Laboratory Fall of every year. 1(0-4) P: AS 111L and AS 112L and AS 211L and AS 212L and AS 321L and AS 322L R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 421 concurrently Provides Professional Officer Corps cadets the opportunity to continue exercising leadership skills with assigned higher-level leadership positions in the operation and administration of the cadet wing in a constructive learning environment. Evaluates each individual's ability to lead the cadet wing in overall execution of required AFROTC operations and training and prepares them to enter the Department of the Air Force as Second Lieutenants upon graduation. Effective Fall Semester 2026
AS 422L	National Security Affairs II Laboratory Spring of every year. 1(0-4) P: AS 111L and AS 112L and AS 211L and AS 212L and AS 321L and AS 322L and AS 323L R: Open to undergraduate students in the Department of Aerospace Studies. Approval of department. C: AS 422 concurrently Provides Professional Officer Corps cadets the opportunity to continue exercising leadership skills with assigned higher-level leadership positions in the operation and administration of the cadet wing in a constructive learning environment. Evaluates each individual's ability to lead the cadet wing in overall execution of required AFROTC operations and training and prepares them to enter the Department of the Air Force as Second Lieutenants upon graduation. Effective Fall Semester 2026

DEPARTMENT OF AFRICAN AMERICAN AND AFRICAN STUDIES

AAAS 100	Pathways into AAAS Fall of every year. Spring of every year. 3(3-0) P: ((WRA 101 or concurrently) or (WRA 105H or concurrently)) or completion of Tier I writing requirement Current trends and topics in African American and African Studies; including contemporary and interdisciplinary perspectives in Black Studies. Effective Spring Semester 2026
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DEPARTMENT OF AGRICULTURAL, FOOD, AND RESOURCE ECONOMICS

AFRE 817	Political Economy of Agricultural and Trade Policy Agricultural and Food Policy Spring of every year. 3(3-0) RB: AFRE 805 or EC 812A Concepts of policy analysis and decision. Agricultural sector problems, behavior, and policy in the development process. Macroeconomic and trade impacts. International policies affecting trade and development. Current policy issues. Economic analysis of U.S. agricultural and food policy with a global perspective. Focus on policymaking, and policy impacts on producers, trade, industries, and consumers. Historical and contemporary issues explored. SA: AEC 817 Effective Fall Semester 2026
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DEPARTMENT OF ANIMAL SCIENCE

ANS 210	Introduction to Disciplines in Animal Agriculture Fall of every year. Spring of every year. 3(3-0) P: ANS 110 or concurrently Problem solving and literature searches with realistic examples to demonstrate multi-disciplinary scientific solutions in Animal Science. Overview of major disciplines in animal science: behavior and welfare, genetics, health and toxicology, products, reproduction, and nutrition Effective Summer Semester 2026
ANS 314	Genetic Improvement of Domestic Animals (W) Genetic Improvement of Domestic Animals Spring of every year. 4(4-0) P: ((BS 161 or BS 181H or LB 145) and completion of Tier I writing requirement) and (STT 200 or STT 201 or STT 421 or STT 464 or STT 231) P: (BS 161 or BS 181H or LB 145) and (STT 200 or STT 201 or STT 421 or STT 464 or STT 231) and ANS 210 R: Open to students in the Animal Science Major and open to students in the Lyman Briggs Animal Science Coordinate Major. Molecular, Mendelian, population, and quantitative genetics of domestic animals. Effective Summer Semester 2026

DEPARTMENT OF ART, ART HISTORY, AND DESIGN

HA 802 Research Methods for Artists and Designers
Spring of every year. 3(3-0) A student may earn a maximum of 3 credits in all enrollments for this course. R: Open to graduate students in the College of Arts and Letters or in the Department of Art, Art History, and Design or in the Master of Fine Arts in Studio Art or approval of department.
Methods of research as used by contemporary artists and designers, explored through artistic case studies, practical sessions and projects.
DELETE COURSE
Effective Fall Semester 2026

COLLEGE OF ARTS AND LETTERS

DH 285 Introduction to Digital Studies in the Arts and Humanities
Fall of every year. Fall of every year. Spring of every year. 3(3-0)
Digital methods for creating and analyzing culture. Creative and humanities research practices using digital approaches. Critiques of digital culture and society.
SA: AL 285
Effective Spring Semester 2026

DH 340 Digital Studies in Practice
Spring of every year. 3(3-0) P: (DH 285 or approval of college) and completion of Tier I writing requirement P: Completion of Tier I Writing Requirement
Collaborative project based course diving into digital arts and humanities practices.
SA: AL 340
Effective Fall Semester 2026

DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

BMB 200 Introduction to Biochemistry
Fall of every year. Summer of every year. 4(4-0) P: CEM 143 or CEM 251 or CEM 351 or LB 271 P: CEM 144 or CEM 251 or CEM 351 or LB 271 RB: CEM 252 or CEM 352
Introductions to the major classes of biomolecules and the metabolism of these molecules.
SA: BCH 200
Effective Fall Semester 2026

BMB 401 Comprehensive Biochemistry
Fall of every year. Spring of every year. Summer of every year. 4(4-0) P: CEM 252 or CEM 352 P: (CEM 251 or CEM 351 or LB 271) and (CEM 252 or CEM 352) RB: BS 161 or BS 181H or LB 145 R: Not open to students in the Biochemistry and Molecular Biology/Biotechnology Major or in the Biochemistry and Molecular Biology major or in the Lyman Briggs Biochemistry and Molecular Biology Coordinate Major or in the Lyman Briggs-Biochemistry/Biotechnology Coordinate Major.
Structure and function of major biomolecules, organization and regulation of metabolic pathways. Special emphasis on eukaryotic systems and the biochemical basis of human disease.
SA: BCH 401
Effective Fall Semester 2026

THE ELI BROAD COLLEGE OF BUSINESS

MKT 250
BUS 250 Business Communication: Oral and Written Skills
Fall of every year. Spring of every year. Summer of every year. 3(3-0) P: Completion of Tier I Writing Requirement R: Open to sophomores or juniors in the Business - Admitted major. R: Open to undergraduate students in the Accounting major or in the Business - Admitted major or in the Finance major or in the Human Resource Management major or in the Management major or in the Marketing major or in the Supply Chain Management major.
Communication skills including use of digital media, delivery mechanics, persuasive speaking, and preparation of executive briefs, memos, email messages.
SA: MGT 250 SA: MGT 250, MKT 250
Effective Fall Semester 2026

MBA 804	<p>Applied Data Analysis for Managers Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits. RB: STT 315 R: Open to MBA students or approval of department. Not open to students with credit in SCM 833. Analysis of business and economic data to support managerial decision-making. Building, interpreting, and applying time-series, regression, and forecasting models. <u>DELETE COURSE</u> Effective Fall Semester 2026</p>
MBA 817	<p>Designing and Delivering Impactful Business Presentations Spring of every year. 1 to 3 credits. P: MBA 816 R: Open to MBA students. Determining relevant presentation content based on audience analysis. Strategic design of content. Oral presentation delivery using PowerPoint as a visual aid. Introduction to effective question and answer methods in business environment. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment. <u>DELETE COURSE</u> Effective Fall Semester 2026</p>
PIM 803	<p>Leadership Development Spring of every year. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management. <u>Assessment and analysis of individual characteristics associated with effective leadership.</u> <u>Identifying personal strengths that are important for developing one's leadership potential.</u> <u>Planning for further capitalization on these strengths. Equips students with the tools to understand and evolve their leadership styles and capabilities. Through self-assessments and leadership development frameworks, students will design actionable growth plans that drive personal transformation and organizational impact.</u> Request the use of the Pass-No Grade (P-N) system. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment. Effective Fall Semester 2026</p>
PIM 804	<p>Strategic Vision Designing Innovation for Impact Spring of every year. Fall of every year. Spring of every year. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management. <u>Supervised analysis of the student's employing organization, including interviewing the CEO or senior leader with strategy formulation responsibilities. Empowers students to tackle complex business challenges using design thinking and strategic consulting tools. Explore and leverage market research, user-centered design, ideation, rapid prototyping, and persuasive storytelling to create innovative solutions for real-world clients, culminating in actionable recommendations.</u> <u>Prepares leaders to drive innovation in dynamic, uncertain environments by thinking boldly, collaborating effectively, and executing strategically.</u> Request the use of the Pass-No Grade (P-N) system. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment. Effective Fall Semester 2026</p>

PIM 811	<p><u>Financial Accounting Concepts</u> <u>Financial Accounting and Reporting for Leaders</u></p> <p><u>Summer of every year</u>. <u>Fall of every year</u>. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management.</p> <p><u>Financial reporting issues from a user's perspective. Measurement and reporting concepts and issues. Analysis and use of financial accounting information for decision making. Essentials of financial accounting concepts and statements from a user's perspective. Measurement and reporting concepts and issues. Analysis and use of financial accounting information for executives and business decision making.</u></p> <p>Request the use of ET-Extension to postpone grading.</p> <p>The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.</p> <p>Effective Fall Semester 2026</p>
PIM 812	<p><u>Managerial Accounting</u> <u>Performance Measurement and Control</u></p> <p><u>Fall of every year</u>. <u>Fall of every year</u>. <u>Spring of every year</u>. 1 to 3 credits. P: <u>PIM 811 or approval of department</u> R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management.</p> <p><u>The objective of this course is to provide essential tools and skills to enable you to make business decisions using accounting information. This course focuses on the preparation and use of accounting information for planning and control purposes. Trains students to become informed recipients and users of accounting information to support sound managerial decision making and strategy implementation. Profitability analysis for products, customers, and business segments for decision making and planning purposes. Introduces accounting concepts facilitating strategy implementation such as responsibility accounting, budgeting and target setting, analysis of budget variance reports, financial performance measures and performance measurement systems, and management control systems.</u></p> <p>Effective Fall Semester 2026</p>
PIM 813	<p><u>Information Systems</u> <u>Digital Transformation</u></p> <p><u>Fall of every year</u>. <u>Fall of every year</u>. <u>Spring of every year</u>. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management.</p> <p><u>Role of information systems in contemporary business organizations. Strategic role of systems. Value and risk associated with digitization. Evaluation of information system investments. Application of course concepts to the work environment. Examines information systems as strategic drivers of digital transformation and competitive advantage. Topics include AI, platforms, implementation, and governance of enterprise systems. Emphasis is on applying insights directly to participants' organizations to enhance value, agility, and innovation while managing risk.</u></p> <p>Effective Fall Semester 2026</p>
PIM 821	<p><u>Managerial Economics</u> <u>Applied Economics for Strategic Decision making</u></p> <p><u>Fall of every year</u>. <u>Summer of every year</u>. <u>Summer of every year</u>. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management.</p> <p><u>Economics of the firm, with applications. Demand, production and cost, pricing and strategic behavior. Integrates microeconomic and macroeconomic concepts for business decision making. Apply theories of demand, supply, costs, pricing, and market structures to optimize resources and achieve goals like profit maximization. Employ tools to analyze how variables such as GDP, inflation, interest rates, and exchange rates evolve during expansions and recessions, shaping business conditions.</u></p> <p>Effective Fall Semester 2026</p>

PIM 831	<p><u>Legal Environment of Business Business Law</u></p> <p>Spring of every year. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management.</p> <p><u>The U.S. legal system. Interrelationship of law and ethics. Regulation of business by courts, state and federal statutes, and governments. Applications of course concepts to work environment. A concise, practical understanding of key legal concepts that impact business strategy and leadership. Topics include contracts, corporate governance, regulatory compliance, and risk management. Identify legal risks, interpret legal frameworks, and make sound decisions that align with ethical standards and organizational goals through real-world case studies and interactive analysis.</u></p> <p>Effective Fall Semester 2026</p>
PIM 841	<p><u>Corporate Finance Finance I: Investment Decisions</u></p> <p>Spring of every year. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management.</p> <p><u>Valuation techniques for bonds and stocks. Investment decisions by firms. The relation between risk and return. Pricing models for risk. U.S. capital markets. Application of course concepts to work environment. Addresses discounted cash flow valuation of bonds, stocks, and corporate investments. Application of course concepts to the work environment.</u></p> <p>Effective Fall Semester 2026</p>
PIM 842	<p><u>Managerial Finance Finance II: Financial Decisions</u></p> <p><u>Spring of every year. Fall of every year. Spring of every year.</u> 1 to 3 credits. P: PIM 841 or approval of department R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management.</p> <p><u>Market efficiency, capital budgeting, security issues, dividend policy, capital structure, and bankruptcy costs. Agency problems between different stakeholders and option pricing. Application of course concepts to work environment. Explores the relation between risk and return, capital market efficiency, and capital structure decisions. Includes application of course concepts to the work environment.</u></p> <p>Effective Fall Semester 2026</p>
PIM 851	<p><u>Business Analytics and Management Decision Making Data-driven Decision making</u></p> <p>Fall of every year. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management.</p> <p><u>Business analytics in shaping competitive advantage and business transformation. Examination of how data visualization and predictive modeling provides new venues of managerial decision-making. Examples from different domains such as marketing, finance, supply chain and human resources. Prepares participants to harness data science, AI, and business intelligence for strategic advantage. Covers predictive modeling, machine learning, data visualization and storytelling, with applications across various business functions. Emphasis is on interpreting insights and applying them to real-world decisions in a rapidly evolving digital landscape.</u></p> <p>Effective Fall Semester 2026</p>
PIM 852	<p><u>Negotiation</u></p> <p>Fall of every year. Spring of every year. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management.</p> <p><u>Negotiation strategies and planning steps, analysis of leverage, tactics for creating and claiming value, and strategies for resolving conflicts. Addresses the complexities of adding multiple parties, using agents, and involving third parties in negotiation and conflict resolution. Negotiation strategies and planning steps, analysis of leverage, tactics for creating and claiming value, and strategies for resolving conflicts. Addresses the complexities of negotiating with multiple parties, using agents, and across cultural boundaries.</u></p> <p>Effective Fall Semester 2026</p>

PIM 853	<u>Human Resource Management</u> <u>Human Resources and Talent Management</u> Fall of every year. Spring of every year. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management. <u>This course addresses how organizations and managers can effectively attract, select, motivate, retain, develop, and otherwise optimally utilize their human resources. Addresses the management of organizational talent, including understanding the HR environment and the processes of attracting, hiring, motivating, rewarding, and developing individuals in organizations.</u> Effective Fall Semester 2026
PIM 862	<u>Customer and Competitor Analysis</u> <u>Marketing I: Customer Analysis</u> Spring of every year. 1 to 3 credits. R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management. <u>Assessment of consumer and organizational buying behavior processes and competitive environments. Competitive strategies and customers' needs, wants, motivations, and behaviors throughout the value added chain. Application of course concepts to work environment. Develops expertise in identifying and addressing customer needs to create sustainable competitive advantage in today's digital marketplace. Topics covered: Customer journey mapping and segmentation strategies; Data-driven customer insights and market analysis; Value proposition design for diverse industries; Initial development of strategic marketing plan components.</u> Effective Fall Semester 2026
PIM 863	<u>Marketing Systems</u> <u>Marketing II: Systems and Strategy</u> Spring of every year. 1 to 3 credits. P: <u>PIM 862 or approval of department</u> R: Open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Master of Business Administration in Integrative Management. <u>Marketing decision making within global, customer, economic, ecological, and competitive environments. Gathering and analyzing marketing information. Developing strategies to guide the organization and operational market plans. Application of course concepts to work environment. Focuses on creating and implementing effective marketing strategies that drive business results in complex competitive environments. 4Ps: Integrated product, pricing, channel, and communication strategies; Digital marketing execution and performance measurement; Marketing ROI and financial impact analysis; Completion of comprehensive strategic marketing plan.</u> Effective Fall Semester 2026

DEPARTMENT OF CHEMISTRY

CEM 143	Survey of Organic Chemistry Fall of every year. Spring of every year. Summer of every year. 4(3-3) P: CEM 141 or CEM 151 or CEM 181H or LB 171 Not open to students with credit in CEM 351 or CEM 144 or CEM 251 or LB 271. Survey of the main organic functional groups with applications to everyday life, industry, and biology and laboratory to highlight important organic laboratory techniques. <u>DELETE COURSE</u> Effective Summer Semester 2026
CEM 144	Organic Chemistry and Applications <u>Organic Chemistry Survey and Applications</u> Fall of every year. Spring of every year. Summer of every year. 3(3-0) 4(4-0) P: CEM 141 or CEM 151 or CEM 181H or LB 171 R: <u>Approval of department. Not open to students with credit in CEM 351 or CEM 143 or CEM 251 or LB 271. Not open to students with credit in CEM 351 or CEM 251 or LB 271.</u> Survey of the main organic functional groups with applications to everyday life, industry, and biology. <u>SA: CEM 143</u> Effective Fall Semester 2026

CEM 434 Advanced Analytical Chemistry
Fall of every year. ~~3(3-1)~~ ~~4(4-0)~~ P: CEM 395 and CEM 352 and CEM 484
Instrumental methods of analysis, including spectroscopy, chromatography, and electrochemistry.
SA: CEM 361, CEM 362
Effective Fall Semester 2026

SCHOOL OF CRIMINAL JUSTICE

CJ 875 Digital Forensic Investigations
Spring of every year. ~~3(3-0)~~ ~~R: Open to graduate students in the School of Criminal Justice or approval of school.~~ ~~R: Open to graduate students in the School of Criminal Justice.~~
Digital forensic analyses, including computer technology, data storage, proper search/seizure/imaging techniques, analysis of imaged devices, and proper presentation of evidence.
Effective Fall Semester 2026

DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES

GLG 330 Biogeochemistry
Spring of every year. 3(3-0) P: CEM 141 or CEM 151 or CEM 181H or LB 171 RB: (GLG 200 or GLG 201 or GEO 206 or IBIO 355) and CEM 161
Physical, chemical, and biological processes that govern the flow of chemical elements. How humans have altered the movement of these chemical elements through the environment. Biogeochemical cycling of elements between the hydrosphere, lithosphere, atmosphere, and biosphere across time and space.
DELETE COURSE
Effective Spring Semester 2027

GLG 435 Geomicrobiology (W)
Spring of odd years. ~~4(3-2)~~ ~~4(4-0)~~ Interdepartmental with Microbiology, Genetics, and Immunology P: ~~Completion of Tier I Writing Requirement~~ P: (GLG 200 or GLG 201 or GLG 203 or MGI 201 or BS 161 or LB 145) and completion of Tier I writing requirement RB: GLG 201 or MGI 201 or BS 161 or LB 145 R: Open to juniors or seniors or graduate students in the College of Natural Science or in the Lyman Briggs College.
Geological and microbiological perspectives on microbial activities in diverse environmental settings, including geological change mediated by microorganisms, microbial evolution driven by geologically diverse habitats.
Effective Fall Semester 2026

GLG 498 Topics in Geological Sciences Topics in Earth and Environmental Sciences
On Demand. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. ~~P: GLG 201 and GLG 304 or approval of department~~ P: GLG 321 and GLG 304 or approval of department ~~R: Open to juniors or seniors or graduate students in the Department of Geological Sciences or in the Lyman Briggs Environmental Geosciences Coordinate Major or in the Lyman Briggs Geological Sciences Coordinate Major.~~ R: Open to juniors or seniors or graduate students in the Department of Earth and Environmental Sciences.
Selected topics in geological and geoenvironmental sciences supplementing or expanding specific topics, or examining topics not covered in regular courses. Selected topics in geological and environmental sciences supplementing or expanding specific topics, or examining topics not covered in regular courses.
Effective Fall Semester 2026

GLG 499 Independent Study in Geological Sciences Independent Study in Earth and Environmental Sciences
Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to seniors or juniors in the Department of Geological Sciences or in the Lyman Briggs Earth Science Interdepartmental Coordinate Major or in the Lyman Briggs Environmental Geosciences Coordinate Major or in the Lyman Briggs Geological Sciences Coordinate Major. Approval of department; application required. R: Open to juniors or seniors in the College of Natural Science or in the Lyman Briggs College or in the Department of Earth and Environmental Sciences. Approval of department; application required.
Advanced individual study of special topics in the geological sciences. Advanced individual study of special topics in the Earth and environmental sciences.
Effective Fall Semester 2026

DEPARTMENT OF FAMILY MEDICINE

FM 615 Addiction Medicine
Fall of every year. Spring of every year. Summer of every year. 3 credits. 3(3-0) P: HM 556 P: HM 552 R: Open to graduate-professional students in the College of Human Medicine.
Overview of addiction medicine including training in medication assisted therapy for opioid use disorder, safer medication prescribing for pain management, and prevention and treatment of overuse disorder of multiple substances.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Summer Semester 2026

DEPARTMENT OF FINANCE

FI 492 Additional Topics in Finance
Fall of every year. Spring of every year. 1 to 4 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad Graduate School of Management or approval of department. R: Open to students in the Finance major or in the Financial Planning and Wealth Management Minor or in the Insurance and Risk Management Minor or approval of department.
Current and emerging issues in finance to supplement and enrich existing courses.
Effective Fall Semester 2026

FI 844 Corporate Financial Strategies
Fall of every year. 4 to 3 credits. 3(3-0) P: MBA 822 or approval of department. RB: FI 851 or FI 845 RB: FI 850 or FI 845 R: Open to MBA students or approval of department. R: Open to MBA students and open to master's students in the Finance Major.
Applying financial strategies to managerial decision making.
Effective Fall Semester 2026

FI 845 Financial Modeling and Simulation I Financial Modeling and Simulation
Fall of every year. Spring of every year. 4 to 3 credits. 3(3-0) P: MBA 822 or approval of department P: FI 801 or MBA 822 or approval of department RB: FI 851 R: Open to master's students in the Finance Major and open to MBA students or approval of department. R: Open to master's students in the Accounting major or in the Finance major or in the Financial Planning and Wealth Management Major and open to MBA students or approval of department.
Applications of financial theory through computer modeling. Financial forecasting, cash flow modeling, and valuation. Applications of financial theory through computer modeling. Financial forecasting, cash flow modeling, valuation, risk analysis and simulation, Dashboards.
Effective Fall Semester 2026

FI 850	<p>Introduction to Investments I <u>Introduction to Investments</u> Spring of every year. <u>1 to 3 credits</u>. <u>3(3-0)</u> P: MBA 822 or approval of department R: Open to master's students in the Finance Major and open to MBA students or approval of department. <u>R: Open to master's students and open to MBA students or approval of department.</u> <u>Essential financial theories and quantitative tools related to the field of investments. Topics include behavior and distribution of stock returns, mean variance optimization model of portfolio selection, basic asset pricing theories and market efficiency. Essential financial theories and quantitative tools related to the field of investments. Topics include behavior and distribution of stock returns, mean-variance optimization model of portfolio selection, basic asset pricing theories and market efficiency. Investment management, portfolio performance evaluation, active portfolio management, essentials of bonds and derivatives, and essentials of international diversification.</u> Effective Fall Semester 2026</p>
FI 852	<p>Financial Derivatives I <u>Financial Derivatives</u> Spring of every year. <u>1 to 3 credits</u>. <u>3(3-0)</u> P: FI 851 or approval of department P: FI 850 or approval of department R: Open to master's students in the Finance major and open to MBA students or approval of department. <u>Introduction to pricing, trading strategies, and hedging applications of forward and futures contracts, swaps, and options. Pricing, trading strategies, and hedging applications of forward, futures, swaps, and option contracts.</u> Effective Fall Semester 2026</p>
FI 853	<p>Debt and Money Instruments and Markets Fall of every year. <u>1 to 3 credits</u>. <u>3(3-0)</u> P: FI 851 or approval of department P: FI 850 or approval of department R: Open to master's students in the Finance Major and open to MBA students or approval of department. <u>Fixed income security markets. Valuation of traded instruments. Fixed-income security markets. Valuation of traded instruments. Advanced fixed-income securities models.</u> Effective Fall Semester 2026</p>
FI 859	<p>Mergers and Acquisitions <u>Fall of every year. Spring of every year. 1 to 3 credits</u>. <u>3(3-0)</u> P: MBA 822 or approval of department R: Open to master's students in the Finance Major and open to MBA students or approval of department. Provides a broad overview of corporate mergers and acquisitions from the finance perspective. Effective Fall Semester 2026</p>
FI 860	<p>Multinational Corporate Finance Fall of every year. <u>1 to 3 credits</u>. <u>3(3-0)</u> P: MBA 822 or approval of department P: MBA 822 or FI 801 or approval of department R: Open to master's students in the Finance Major and open to MBA students or approval of department. <u>R: Open to master's students and open to MBA students or approval of department.</u> Corporate financial management in a multinational setting. Effective Fall Semester 2026</p>
FI 869	<p>Entrepreneurial Finance and Venture Capital Spring of every year. <u>1 to 3 credits</u>. <u>3(3-0)</u> P: MBA 822 P: MBA 822 or approval of department R: Open to master's students in the Finance major and open to MBA students. <u>Introduction to the financing and valuation of entrepreneurial startups, venture capital and private equity. How to prepare a successful business plan to raise financing from venture capitalists. Structuring venture capital and private equity deals. Introduction to the financing and valuation of entrepreneurial startups, venture capital, and private equity. How to prepare a successful business plan to raise financing from venture capitalists. Structuring venture capital and private equity deals.</u> Effective Fall Semester 2026</p>

FI 872	Financial Data Analytics I Financial Data Analytics Fall of every year. <u>1 to 3 credits</u> . <u>3(3-0)</u> R: Open to MBA students or approval of department. <u>Introduction to the analysis of real-world financial data in a variety of settings. Applying textual analysis to large documents, identifying "sentiment" in Google search data, and back testing trading strategies. Developing the programming skills necessary to both collect and prepare data for analysis. Identifying, downloading, cleaning, and shaping data. Introduction to the analysis of real-world financial data in a variety of settings including applying textual analysis to large documents, identifying "sentiment" in social media data, and back-testing trading strategies. Developing the programming skills necessary to identify, collect, clean, shape, and analyze data.</u> Effective Fall Semester 2026
FI 875	Behavioral Finance I Behavioral Finance Spring of every year. <u>1 to 3 credits</u> . <u>3(3-0)</u> P: FI 850 or approval of department R: Open to graduate students in the Business Admitted major. R: Open to master's students in the Finance Major and open to MBA students or approval of department. Examination of the effect of cognitive and psychological biases on financial decision-making. Analysis of the related consequences for market prices, investor performance, and corporate management. Effective Fall Semester 2026

DEPARTMENT OF FOOD SCIENCE AND HUMAN NUTRITION

<u>CEM 482</u>	Science and Technology of Wine Production Fall of every year. 3(2-3) <u>Interdepartmental with Chemical Engineering, Food Science</u> Interdepartmental with Chemical Engineering P: CEM 143 or CEM 251 or CEM 351 RB: Must be at least 21 years of age. R: Open to seniors or graduate students in the Department of Biosystems and Agricultural Engineering or in the Department of Chemical Engineering and Materials Science or in the Department of Chemistry or in the Department of Food Science and Human Nutrition or in the Department of Horticulture or in the Department of Microbiology and Molecular Genetics or in the Lyman Briggs Chemistry Coordinate Major. Approval of department. Origin and history of wine and wine production. Determination and timing of harvest, methods of postharvest handling, storage, and processing of grapes into juice and wine. Physical and chemical changes in wine and processes. Analysis of must and its adjustment, fermentation, fining, and aging. Physiology of yeasts and bacteria involved in winemaking and spoilage. Cellar practices, problems, and operations. Effective Fall Semester 2026
<u>HNF 377</u>	Applied Community Nutrition Fall of every year. 3(3-0) P: HNF 250 or HNF 320 R: Open to juniors or seniors in the Dietetics Major or in the Nutritional Sciences Major or in the Lyman Briggs Nutritional Sciences Coordinate Major. <u>Skills necessary for a community nutrition practitioner including community needs assessment and relevant related programs. Health policy, advocacy, and education evaluation and development. Learn the skills necessary for a community nutrition practitioner including conducting community needs assessments, developing and evaluating nutrition education programs, and understanding the role of health policy and advocacy.</u> Effective Fall Semester 2026
<u>HNF 844</u>	<u>Management and Professional Skills in Dietetics Leadership and Professional Skills in Dietetics</u> Fall of every year. Spring of every year. 3(3-0) RB: Completion of a practicum in dietetics after undergraduate dietetic and nutrition courses. R: Open to master's students in the Nutrition and Dietetics Major or approval of department. <u>Dietetic career skills including collaboration, communication, human resources, budgeting, goal setting, and team productivity. Dietetic career skills including leadership development, collaboration, communication, human resources, financial management, performance improvement, and goal setting.</u> Effective Summer Semester 2026

HNF 850	Nutrition and Adult Mental Health Spring of every year. Fall of every year. 3(3-0) RB: Undergraduate degree in Dietetics R: Open to master's students in the College of Agriculture and Natural Resources or in the Department of Food Science and Human Nutrition or in the Nutrition and Dietetics Major or approval of department. Explores the intersection of where nutrition, food and the registered dietitian plays a role in supporting individuals with mental and behavioral health related diagnoses and care settings. Effective Fall Semester 2026
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DEPARTMENT OF GEOGRAPHY, ENVIRONMENT, AND SPATIAL SCIENCES

GEO 413	Urban Geography Spring of every year. 3(3-0) Interdepartmental with Urban Planning Theories and models of urban spatial form. Underlying structures and processes. Socio-spatial dimensions of modern urbanism. Differentiation and locational conflict in residential, commercial, and industrial space. Effective Fall Semester 2026
GEO 414	Transportation Systems and Sustainable Cities Spring of odd years. 3(3-0) Interdepartmental with Civil Engineering, Supply Chain Management, Urban Planning <u>Interdepartmental with Civil Engineering, Supply Chain Management</u> RB: GEO 113 Spatial principles of transportation. Theories of interaction, network structures, and location-allocation models. Role of transport and transport planning. Effective Fall Semester 2026
GEO 425	Problems in Geographic Information Science (W) Spring of every year. 3(2-2) Interdepartmental with Urban Planning P: (GEO 325 or GEO 802) and completion of Tier I writing requirement Advanced theoretical and technical issues in geographic information science utilizing a problems oriented approach. Development and implementation of geographic information science solutions and formal documentation of work. Effective Fall Semester 2026
GEO 441	<u>Cultural Geography Power, Space, and Culture</u> Spring of odd years. Fall of even years. 3(3-0) Survey of the geographic study of world cultures, cultural ecologies, cultural landscapes, and cultural influences on societies' patterns of spatial organization. Effective Fall Semester 2026

DEPARTMENT OF HORTICULTURE

<u>PLB 863</u> <u>HRT 863</u>	Environmental Plant Physiology Spring of odd years. 3(3-0) Interdepartmental with Horticulture <u>Interdepartmental with Plant Biology</u> RB: PLB 301 or PLB 414 or PLB 415 Interaction of plant and environment. Photobiology, thermophysiology, and plant-water relations. SA: BOT 863 Effective Fall Semester 2026
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DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

HDFS 806	Early Childhood Education and Care II: Examining Practices, Policies, and Key Issues Fall of every year. 3(3-0) P: <u>HDFS 805</u> RB: <u>HDFS 805</u> R: Open to graduate students. Approval of department. Early Child Education and Care (ECEC) practice and policy, roles of families and policymakers in altering practices and policies; analysis of critical forces shaping contemporary ECEC; and theories on organizing services to achieve quality, equity, sustainability, and efficiency. Effective Fall Semester 2026
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HDFS 807 Early Childhood Education and Care Policy III: Theory, Analysis, and Research
Spring of every year. 3(3-0) P: HDFS 805 RB: HDFS 805 R: Open to graduate students. Approval of department.
Research and analysis at each stage of the policy cycle: agenda setting, formulation, adoption, implementation, evaluation, and termination or change of policy. Theories and frameworks applied to real-world examples provide opportunities to examine different analytic approaches.
Effective Fall Semester 2026

HDFS 808 Early Childhood Education and Care Policy IV: Policy Leadership and Policy Advocacy
Fall of every year. 3(3-0) P: HDFS 805 RB: HDFS 805 R: Open to graduate students. Approval of department.
Fundamentals of policy creation, design, and development, focusing on how ECEC policy is constructed at federal, state, and local levels, and how ECEC programs are funded. Critical roles of communication, advocacy, and ethics as policy evolves.
Effective Fall Semester 2026

HDFS 810 Theories of Human Development
Fall of every year. 3(3-0)
Major theories of development; research findings and the validity of theoretical positions.
SA: FCE 810
DELETE COURSE
Effective Fall Semester 2026

HDFS 811 Child Development: Ecological Perspectives Lifespan I: Prenatal to Pre-Adolescence
Fall of odd years. Fall of even years. 3(3-0)
Ecological factors that influence family functioning and child outcomes.
SA: FCE 811
Effective Fall Semester 2026

HDFS 812 Adolescence and Emerging Adulthood in Ecological Context
Lifespan II: Adolescence, Adulthood, and Aging
Spring of even years. Spring of odd years. 3(3-0)
Ecological factors that influence family functioning and adolescent outcomes.
SA: FCE 812
Effective Fall Semester 2026

HDFS 825 Families with Special Needs Children: An Ecological Perspective
Families of Children with Disabilities: An Ecological Perspective
Fall of odd years. 3(3-0)
Partnerships between professionals and families to serve children with disabilities.
SA: FCE 825
Effective Fall Semester 2026

HDFS 830 Survey of Couple and Family Therapy Theories
Fall of every year. 3(3-0)
Contemporary theories of couple and family therapy.
SA: FCE 830
DELETE COURSE
Effective Fall Semester 2026

HDFS 842 African American Families
Spring of every year. Spring of even years. 3(3-0)
Historical and contemporary approaches to the study of African and African American families.
Major theoretical frameworks.
SA: FCE 842
Effective Fall Semester 2026

HDFS 888	Diverse Families and Communities: Interventions and Strategies <u>Fall of even years. Spring of even years. 3(3-0) RB: HDFS 830 RB: Course on foundational Couple and Family Therapy Theories</u> Diversity in families and communities. Culturally sensitive interventions and strategies delivered by culturally competent therapists. Effective Fall Semester 2026
HDFS 903	Advanced Evidence-Based Family Therapy <u>Spring of even years. On Demand. 3(3-0) RB: HDFS 830 RB: Course on foundational Couple and Family Therapy Theories</u> In-depth review of couple and family therapy intervention programs with strong evidence of effectiveness. Effective Fall Semester 2026
HDFS 910	Contemporary Couple and Family Therapy Theories <u>Spring of even years. On Demand. 3(3-0)</u> Emerging theories and issues related to couple and family therapy. Review of evidence based family-based interventions. Effective Fall Semester 2026
HDFS 961	Applied Structural Equation Modeling <u>Fall of every year. Fall of even years. 3(3-0) RB: HDFS 881 R: Open to doctoral students in the Department of Human Development and Family Studies or in the Department of Psychology.</u> Application of structural equation models to data analysis. Effective Fall Semester 2026
HDFS 962	Longitudinal Structural Equation Modeling <u>Spring of every year. Spring of odd years. 3(3-0) RB: (HDFS 961) or Equivalent course in Structural Equation Modeling R: Open to doctoral students in the Department of Human Development and Family Studies or in the Department of Psychology.</u> Application of structural equation modeling to the analysis of longitudinal data. Effective Fall Semester 2026
HDFS 983	Advanced Methods in Intervention Research <u>Fall of even years. 3(3-0) RB: (CEP 933 and CEP 934) or equivalent courses and 6 credits of HDFS 902. RB: HDFS 881 and HDFS 960 R: Open to graduate students.</u> Methodological issues. Research design, measurement, and analysis appropriate for assessing effectiveness of couple and family therapy. Development of a couple and family therapy research proposal. SA: FCE 983 Effective Fall Semester 2026
HDFS 994	Advanced Evidence-Based Couple Therapy <u>Spring of odd years. On Demand. 3(3-0) R: Open to graduate students in the Department of Human Development and Family Studies. Approval of department.</u> In-depth study of evidence-based couple therapy. SA: FCE 994 Effective Fall Semester 2026

COLLEGE OF HUMAN MEDICINE

HM 606	Student-Designed Non-Clinical Elective Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: HM 556 P: HM 552 R: Open to graduate-professional students in the College of Human Medicine. Customized experience of medically-related skills and knowledge. Request the use of the Pass-No Grade (P-N) system. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment. Effective Summer Semester 2026
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HM 614	<p>Student-Designed Clinical Elective</p> <p>Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. <u>P: HM 556</u> <u>P: HM 552</u> R: Open to graduate-professional students in the College of Human Medicine.</p> <p>Customized experience of clinical science skills and knowledge in a patient care setting.</p> <p>Request the use of the Pass-No Grade (P-N) system.</p> <p>Request the use of ET-Extension to postpone grading.</p> <p>The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.</p> <p>Effective Summer Semester 2026</p>
HM 691	<p>Research Clerkship</p> <p>Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. <u>P: HM 552</u> R: Open to graduate-professional students in the College of Human Medicine. Approval of college.</p> <p><u>Data gathering, analysis, interpretation, and presentation of a biological, behavioral, or clinical research project.</u> <u>Data gathering, analysis, interpretation, or presentation of a biological, behavioral, or clinical research project.</u></p> <p>Request the use of the Pass-No Grade (P-N) system.</p> <p>Request the use of ET-Extension to postpone grading.</p> <p>The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.</p> <p>Effective Summer Semester 2026</p>

SCHOOL OF HUMAN RESOURCES AND LABOR RELATIONS

HRLR 315	<p>Research Methods and Analysis</p> <p>Fall of every year. Spring of every year. 3(3-0) <u>P: STT 200 or STT 201</u> <u>P: STT 200 or STT 201 or PSY 295 or STT 315</u></p> <p>Social science research methodology and analysis techniques as applied to human resources and labor relations issues.</p> <p>Effective Fall Semester 2026</p>
HRLR 316	<p>Economics of Human Capital and Human Resources</p> <p>Fall of every year. 3(3-0) <u>P: EC 204</u> <u>P: EC 201 or EC 202</u></p> <p>Foundational economic concepts related to the labor market, individuals' human capital investment decisions, and organization-level human resource considerations.</p> <p>Effective Fall Semester 2026</p>

CENTER FOR INTEGRATIVE STUDIES IN SOCIAL, BEHAVIORAL AND ECONOMIC SCIENCES

ISS 335	<p>National Diversity and Change: United States (N)</p> <p>Fall of every year. Spring of every year. Summer of every year. 4(4-0) P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors. <u>Not open to students with credit in ISS 305 or ISS 308 or ISS 310 or ISS 315 or ISS 318 or ISS 320 or ISS 325 or ISS 327 or ISS 328 or ISS 330A or ISS 330B or ISS 330C. Not open to students with credit in ISS 305 or ISS 308 or ISS 310 or ISS 315 or ISS 318 or ISS 320 or ISS 325 or ISS 327 or ISS 328 or ISS 330A or ISS 330B or ISS 330C or ISS 335A.</u></p> <p>Racial, ethnic, class, gender, and other forms of diversity in the United States. Systems of dominant-minority relations and forms of prejudice and discrimination. Scope of and responses to group inequalities.</p> <p><u>SA: ISS 335A</u></p> <p>Effective Summer Semester 2026</p>
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DEPARTMENT OF LINGUISTICS, LANGUAGES AND CULTURES

FLT 841	Topics in Foreign Language Teaching Fall of odd years. 3(3-0) <u>A student may earn a maximum of 6 credits in all enrollments for this course.</u> R: Open to graduate students in the Foreign Language Teaching Major or in the Foreign Language Teaching Graduate Certificate or approval of department. Not open to students with credit in LLT 841. Selected topics and issues in foreign language learning and teaching. Effective Summer Semester 2026
LLT 362	Child Second Language Learning Fall of every year. Spring of every year. 3(3-0) P: <u>(LIN 200 or concurrently) or (LIN 401 or concurrently) or (ENG 302 or concurrently)</u> P: <u>(LIN 200 or concurrently) or (LIN 401 or concurrently) or (ENG 302 or concurrently)</u> RB: Some familiarity with linguistic concepts. Basic principles of child second language learning and socialization. Simultaneous bilingualism, differences between child first and second language learning. Effects of age and individual and social factors in second language learning. Interaction and language learning, and loss of a first language. Classroom language learning in mainstream, immersion, bilingual, and heritage language classrooms. Effective Fall Semester 2026

DEPARTMENT OF MANAGEMENT

MGT 315	Managing Human Resources and Organizational Behavior Fall of every year. Spring of every year. Summer of every year. 3(3-0) RB: Programs for which MGT 315 is a catalog-listed requirement. R: <u>Open to juniors or seniors in the Accounting major or in the Finance Major or in the Marketing Major or in the Supply Chain Management Major or in the Business - Admitted major or in the Human Resource Management Major or in the Management Major.</u> R: <u>Open to juniors or seniors or sophomores in the Accounting major or in the Business - Admitted major or in the Finance major or in the Human Resource Management major or in the Management major or in the Marketing major or in the Supply Chain Management major.</u> Formulation and administration of human resource policies in the business enterprise. Personnel planning, job analysis and evaluation, staffing. Compensation and labor relations. Employee safety. Training, development, and performance appraisal. Issues of diversity and ethics. Introduction to evidence-based Human Resource Management and Organizational Behavior practices, including workforce planning and selection, performance management, legal issues, diversity and ethics, motivation and employee well-being, groups and teams, decision making, negotiation, and leadership. SA: MGT 310 Effective Fall Semester 2026
MGT 409	<u>Business Policy and Strategic Management Strategic Management</u> Fall of every year. Spring of every year. Summer of every year. 3(3-0) P: MKT 300 and SCM 303 and FI 311 R: Open to seniors in the Accounting major or in the Finance Major or in the Marketing Major or in the Supply Chain Management Major or in the Human Resource Management Major or in the Management Major. Techniques for building and maintaining consistent and effective policy and strategy. Major functions within a firm. Strategic integration, ethics, and international competition. Concepts and frameworks for analyzing and developing strategies for organizations. Emphasis given to the general management perspective and gaining competitive advantage. Effective Fall Semester 2026

DEPARTMENT OF MATHEMATICS

MTH 330	Higher Geometry <u>Fall of every year. Spring of every year. Summer of every year. Fall of every year. Spring of every year.</u> 3(3-0) P: MTH 301 or MTH 299 or MTH 317H P: MTH 299 or MTH 317H Topics in transformations: isometries, similarities, inversion. Advanced Euclidean geometry: theorems of Menelaus, Ceva, and Desargues. Cross ratio, harmonic points, analytic, metric, and vector methods, and convexity. Effective Summer Semester 2026
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MTH 340	Ordinary Differential Equations I Fall of every year. Spring of every year. 3(3-0) P: <u>(MTH 309 or MTH 317H)</u> and <u>(MTH 133 or MTH 153H or LB 119)</u> P: <u>MTH 309 or MTH 314 or MTH 317H</u> Not open to students with credit in MTH 347H. Techniques for solving differential equations, existence and uniqueness theorems, qualitative theory, Fourier series and applications. Effective Fall Semester 2026
MTH 416	Introduction to Algebraic Coding Fall of every year. 3(3-0) P: <u>MTH 309 or MTH 317H</u> P: <u>MTH 310 or MTH 418H</u> RB: <u>MTH 310</u> Concepts and techniques of abstract algebra applied to the design of communication systems for use in imperfect circumstances. Theory of codes designed by algebraic means. Effective Fall Semester 2026
MTH 425	Complex Analysis Spring of every year. 3(3-0) P: <u>MTH 320</u> P: <u>MTH 320 or MTH 327H</u> Not open to students with credit in MTH 428H. Analytic functions of a complex variable, Cauchy integral theorem, conformal maps, bilinear transformation, harmonic functions. Classification of singularities, residues, conformal mappings. Effective Spring Semester 2027
MTH 428H	Honors Complex Analysis Fall of every year. 3(3-0) P: MTH 327H R: Approval of department. Analytic functions of a complex variable, line integrals and harmonic functions, Cauchy's theorem and integral formula, power series, Laurent series, isolated singularities, residue calculus, Rouche's theorem, automorphisms of the disk, the Riemann mapping theorem. <u>DELETE COURSE</u> Effective Fall Semester 2026
MTH 481	Discrete Mathematics I Fall of every year. Spring of every year. Summer of every year. 3(3-0) P: <u>MTH 309</u> P: <u>(MTH 309 or MTH 317H)</u> or <u>(MTH 299 and MTH 314)</u> Binomial and multinomial theorems. Graphs and digraphs, graph coloring. Generating functions, asymptotic analysis, trees. Representing graphs in computers. Effective Summer Semester 2026

DEPARTMENT OF MICROBIOLOGY, GENETICS, AND IMMUNOLOGY

MGI 494L	Summer Undergraduate Research Institute in Genomics (W) Summer of every year. 3(2-12) P: (Completion of Tier I Writing Requirement) and (MGI 301 and MGI 302) RB: MGI 431 or IBIO 341 R: Open to undergraduate students in the Environmental Biology/Microbiology Major or in the Genomics and Molecular Genetics Major or in the Microbiology Major. Not open to students with credit in MGI 408 or MGI 434. Directed independent research in teams using state-of-the- art genetic and genomic methods. Offered first half of semester. SA: MMG 494L <u>DELETE COURSE</u> Effective Summer Semester 2026
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COLLEGE OF MUSIC

MUS 145	Class Instruction in Voice I Fall of every year. Spring of every year. 1(1-1) R: Open to students in the College of Music or in the Music Education Major or approval of college. Rules of pronunciation. Vocal techniques. Effective Fall Semester 2026
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MUS 182	Ear Training and Sight Singing I Fall of every year. 1(1-1)P: MUS 180 or concurrently P: <u>MUS 187 or concurrently</u> R: Open to students in the College of Music. Dictation, melody singing using solfège (movable do) syllables, intervals to octave, error detection, quarter note values in rhythm, part singing. Effective Fall Semester 2026
MUS 183	Ear Training and Sight Singing II Spring of every year. 1(1-1)P: MUS 182 and (MUS 181 or concurrently) P: <u>MUS 182</u> R: Open to students in the College of Music. Dictation, singing melodies in major and minor keys. Simple modulation, chromatic alteration, error detection, rhythms, triads and components, part singing. Effective Fall Semester 2026
MUS 282	Advanced Ear Training and Sight Singing I Fall of every year. 1(1-1)P: MUS 183 and (MUS 280 or concurrently) P: <u>MUS 183</u> Dictation including recognition of triads, functions, cadences, seventh-chord harmonies, chord components. Two-and four-part dictation and singing. Effective Fall Semester 2026
MUS 283	Advanced Ear Training and Sight Singing II Spring of every year. 1(1-1)P: MUS 282 and (MUS 281 or concurrently) P: <u>MUS 282</u> R: Open to students in the College of Music. Recognition of harmonic functions in major keys, minor keys, and modulations. Dictation in two- and four-part textures including augmented-sixth chords and nonharmonic tones. Effective Fall Semester 2026
MUS 337	Conducting for Music Performance Majors Spring of every year. 1(1-1)P: MUS 284 P: <u>MUS 285</u> R: Open to undergraduate students in the Music Performance Major and open to undergraduate students in the Composition major. R: Open to students in the College of Music and open to undergraduate students. Beat patterns, clefs, and transpositions of string, wind, and percussion instruments. Score reading and analysis. Rehearsal techniques. Effective Fall Semester 2026
MUS 409	American Music Fall of odd years. 2(2-0)P: MUS 211 or MUS 242 P: <u>MUS 214</u> R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college. Music in American life with an emphasis on historical, folk music, art music, sacred music, and popular genres. Effective Fall Semester 2026
MUS 410	Jazz History Fall of every year. 2(2-0)P: MUS 211 or MUS 212 P: <u>MUS 214</u> R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college. Survey of jazz from its beginnings in African American aural traditions to the present. Effective Fall Semester 2026
MUS 419	Baroque Music Spring of odd years. 2(2-0)P: MUS 211 and MUS 212 P: <u>MUS 214</u> R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college. Developments in musical forms and styles from 1600-1750. Effective Fall Semester 2026

MUS 420	<p>Music of the 18th Century</p> <p>Spring of even years. 2(2-0)P: MUS 211 or MUS 212 P: MUS 214 R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college.</p> <p>Late baroque and early classical traditions: styles, genres, forms, theories, aesthetics, performance practices, instruments, and masterworks in sociopolitical context. Aural and score analysis of representative works.</p> <p>Effective Fall Semester 2026</p>
MUS 421	<p>Music of the 19th Century</p> <p>Spring of odd years. 2(2-0)P: MUS 211 or MUS 212 P: MUS 214 R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college.</p> <p>Late classical and romantic period traditions: styles, genres, forms, theories, aesthetics, performance practice, instruments and masterworks in sociopolitical context. Aural and score analysis of representative works.</p> <p>Effective Fall Semester 2026</p>
MUS 422	<p>Music of the 20th Century</p> <p>Fall of every year. 2(2-0)P: MUS 211 or MUS 212 P: MUS 214 R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college.</p> <p>Twentieth-century styles, genres, forms, theories, aesthetics, performance practices, instruments and masterworks in sociopolitical context. Aural and score analysis of representative works.</p> <p>Effective Fall Semester 2026</p>
MUS 423	<p>History of Opera</p> <p>Fall of odd years. 2(2-0)P: MUS 211 or MUS 212 P: MUS 214 R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college.</p> <p>Musical, cultural, and social significance of opera since 1600.</p> <p>Effective Fall Semester 2026</p>
MUS 424	<p>Music, Sexuality, and Gender</p> <p>Fall of even years. 2(2-0)P: MUS 211 or MUS 212 P: MUS 214 RB: Basic knowledge of Western music history and musical forms. R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college.</p> <p>Inclusion and exclusion of women from histories of music. Comparison of historical women music-makers with contemporary women music-makers.</p> <p>Effective Fall Semester 2026</p>
MUS 425	<p>Music of South Asia and Its Diaspora</p> <p>Fall of odd years. 2(2-0)P: MUS 211 or MUS 212 P: MUS 214 R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college.</p> <p>Music associated with the cultures of South Asian India and Pakistan, and South Asian musical practices in its Diaspora.</p> <p>Effective Fall Semester 2026</p>
MUS 426	<p>Music of Africa</p> <p>Spring of odd years. 2(2-0)P: MUS 211 or MUS 212 P: MUS 214 R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college.</p> <p>Music associated with the cultures of Africa.</p> <p>Effective Fall Semester 2026</p>

MUS 427	Early Music Spring of odd years. 2(2-0) P: MUS 212 P: MUS 214 R: Open to undergraduate students in the College of Music. R: Open to juniors or seniors or graduate students in the College of Music or approval of college. Exploration of musical styles of the Middle Ages and Renaissance globally. Understanding how contact between different cultures resulted in new musical practices. Effective Fall Semester 2026
MUS 428	Topics in Musicology Fall of every year. Spring of every year. 2(2-0) P: MUS 214 R: Open to students in the College of Music. R: Open to juniors or seniors or graduate students in the College of Music or approval of college. Focused study of topics in Musicology and Ethnomusicology not covered by regular course offerings. Topic varies by semester. Effective Fall Semester 2026
MUS 429	Music of East Asia Fall of even years. 2(2-0) P: MUS 211 or MUS 212 P: MUS 214 R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college. Music associated with the cultures of East Asia. Effective Fall Semester 2026
MUS 430	Music of the Caribbean Spring of even years. 2(2-0) P: MUS 211 or MUS 212 P: MUS 214 R: Open to juniors or seniors in the College of Music or approval of college. R: Open to juniors or seniors or graduate students in the College of Music or approval of college. Music with the cultures of the Caribbean. Effective Fall Semester 2026
MUS 431	Indigenous Music in North America Spring of odd years. 2(2-0) P: MUS 214 R: Open to students in the College of Music. R: Open to juniors or seniors or graduate students in the College of Music or approval of college. An Ethnomusicological study of Indigenous music and dance practices in North America. Effective Fall Semester 2026

DEPARTMENT OF PHYSICS AND ASTRONOMY

PHY 215B	Thermodynamics and Modern Physics Summer of every year. 3 credits. P: ((PHY 184 or PHY 294H or LB 274 or (PHY 184B or concurrently)) or (PHY 232 and (PHY 234B or concurrently)) or (PHY 232C and (PHY 234B or concurrently))) and ((MTH 234 or concurrently) or (MTH 254H or concurrently) or (LB 220 or concurrently)) Not open to students with credit in PHY 215. Thermodynamics, atomic physics, quantized systems, nuclear physics, solids, elementary particles. This course is given in the competency based instruction format. <u>DELETE COURSE</u> Effective Fall Semester 2025
PHY 491	Introduction to Condensed Matter Physics Fall of every year. 3(3-0) P: (PHY 471 and PHY 410) and completion of Tier I writing requirement <u>Not open to students with credit in PHY 801</u> . Many-electron atoms. Molecules, crystal structure, lattice dynamics. Band models of metals and semiconductors, transport properties. Effective Fall Semester 2026
PHY 492	Introduction to Nuclear Physics Spring of every year. 3(3-0) P: (PHY 471) and completion of Tier I writing requirement RB: PHY 472 <u>R: Open to undergraduate students in the Department of Physics and Astronomy or in the Lyman Briggs Physics Coordinate Major or approval of department. Not open to students with credit in PHY 802</u> . Survey of phenomena and conceptual foundations of nuclear physics. Effective Fall Semester 2026

DEPARTMENT OF PLANT, SOIL AND MICROBIAL SCIENCES

CROP 192 Professional Development Seminar I
Fall of every year. 1(0-2) R: Open to students in the Department of Plant, Soil and Microbial Sciences or in the Agricultural Industries Major.
~~Career exploration and preparation, and written, verbal, and visual communication in crop and soil sciences~~
Career exploration and preparation, and written, verbal, and visual communication in cropping systems science and environmental soil and water science.
~~Request the use of the Pass-No Grade (P-N) system.~~
SA: CSS 192
Effective Fall Semester 2026

CROP 492 Professional Development Seminar II (W)
Fall of every year. 1(0-2) P: (CROP 192) and Completion of Tier I Writing Requirement R: Open to seniors in the Department of Plant, Soil and Microbial Sciences.
~~Professionalism and proficiency in oral and written communication skills in agronomy and turfgrass, including life skills.~~
Professionalism and proficiency in oral and written communication skills in cropping systems science and environmental soil and water science, including life skills.
~~Request the use of the Pass-No Grade (P-N) system.~~
SA: CSS 492
Effective Fall Semester 2026

TURF 232 Turf Cultural Practices
Fall of every year. 2(1-2) P: (SOIL 210 or concurrently) and (TURF 212 or concurrently) C: TURF 202 concurrently C: TURF 202 concurrently
Establishing and maintaining golf courses and athletic fields, operating equipment, and using literature resources related to turf.
SA: CSS 232
DELETE COURSE
Effective Summer Semester 2026

DEPARTMENT OF POLITICAL SCIENCE

PLS 120 Introduction to Law
Fall of every year. Spring of every year. 3(3-0)
Understanding the American legal system. Sources and interpretation of law in the United States.
~~Request the use of ET Extension to postpone grading.~~
~~The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.~~
Effective Summer Semester 2026

DEPARTMENT OF RADIOLOGY

ANTR 585 Directed Study in Human Prosection
Fall of every year. Spring of every year. Summer of every year. 1 to 5 credits. A student may earn a maximum of 15 credits in all enrollments for this course. P: ANTR 510 or OST 510 P: OST 510 or HM 552 R: Open to human medicine students or osteopathic medicine students. Approval of department.
Prosection of selected regions and isolated structures of preserved human cadavers. Oral presentation.
Request the use of ET-Extension to postpone grading.
~~The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.~~
Effective Summer Semester 2026

RESIDENTIAL COLLEGE IN THE ARTS AND HUMANITIES DEAN

RCAH 202 The Presence of the Past
Fall of every year. 4(4-0) R: Open to undergraduate students in the Residential College in the Arts and Humanities. C: RCAH 111 concurrently C: RCAH 111 concurrently
Cultural significance of main currents in world history. Ethical challenges. Experiential learning activities. Dilemmas of future engagement. Career implications.
DELETE COURSE
Effective Summer Semester 2026

RCAH 203 Transcultural Relations through the Ages
Fall of every year. Spring of every year. 4(4-0) P: (RCAH 112 and RCAH 202) and completion of Tier I writing requirement R: Open to undergraduate students in the Residential College in the Arts and Humanities and not open to freshmen. Not open to students with credit in RCAH 205.
Key theoretical issues in the study of transcultural relationships. Broad historical perspective. Earliest development of societies. Interaction of early cultures. Crucial technological developments. Transcultural interactions today.
SA: RCAH 201
DELETE COURSE
Effective Summer Semester 2026

RESIDENTIAL COMMUNITY ENGAGED ARTS AND HUMANITIES

RCAH 101 The First-Year Experience
Fall of every year. 1(1-0) R: Open to undergraduate students in the Residential College in the Arts and Humanities or in the Arts and Humanities Major. Approval of college. R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities. Approval of school.
Academic skills to support students' transition from high school to their first year of college. Build a first year cohort and relationships with faculty and staff before start of the fall semester.
Curricular and cocurricular experiences in an interdisciplinary, residential college. Academic skills to support students' transition from high school to their first year of college. Build a first-year cohort and relationships with faculty and staff before start of the fall semester. Curricular and cocurricular experiences in the interdisciplinary major in Residential Community Engaged Arts and Humanities
Request the use of the Pass-No Grade (P-N) system.
Effective Fall Semester 2026

RCAH 111 Writing in Transcultural Contexts
Fall of every year. 4(4-0) R: Open to undergraduate students in the Residential College in the Arts and Humanities. R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.
Focused instruction in writing. Multiple forms and genres of composition. Other forms of composing such as music, painting, sculpture, and dance. Diverse texts and communities from the local to the global.
Effective Fall Semester 2026

RCAH 112 Writing, Research and Technologies
Spring of every year. 4(4-0) P: (RCAH 111) or Completion of Tier I Writing Requirement R: Open to undergraduate students in the Residential College in the Arts and Humanities. R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.
Arguments and analysis in oral, written, and digital formats. Methods of research, inquiry, and presentation. Research design and immersion activities. Writing for public engagement.
Effective Fall Semester 2026

RCAH 150 Introduction to the Arts and Humanities
Fall of every year. Spring of every year. 4(4-0) R: Not open to seniors.
Introduction to the fundamentals of interdisciplinary studies with a focus on the humanities, arts, community engagement, and language and culture.
SA: RCAH 192
Effective Fall Semester 2026

RCAH 205 Transcultural Relations through the Ages: Design Justice
Fall of every year. Spring of every year. 4(4-0) Not open to students with credit in IAH 231R.
Key theoretical issues in the study of transcultural relationships. Broad historical perspective. Earliest development of societies. Interaction of early cultures. Crucial technological developments. Transcultural interactions today with additional thematic focus on Design Justice, Sustainability and Community Engagement.
Effective Fall Semester 2026

RCAH 215 Introduction to Theory and Method in the Arts
Fall of every year. Spring of every year. 4(4-0) P: RCAH 150-R: Open to undergraduate students in the Residential College in the Arts and Humanities. R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.
Introduction to fundamental elements of the arts and artistic practice and their value in social life.
SA: RCAH 294
Effective Fall Semester 2026

RCAH 225 Introduction to Community Engagement
Fall of every year. Spring of every year. 4(4-0) P: RCAH 150-R: Open to undergraduate students in the Residential College in the Arts and Humanities. R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.
Introduction to the basic theories and methods of community engagement, its essential features, and its value as a form of social justice.
SA: RCAH 292A
Effective Fall Semester 2026

RCAH 235 Foundations of Language and Culture Studies
Fall of every year. Spring of every year. 4(4-0) P: RCAH 150-R: Open to undergraduate students in the Residential College in the Arts and Humanities. R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.
Foundation for understanding the relationship between language and culture. Examines how language and culture are linked to identity formation and how we interact with the world.
Effective Fall Semester 2026

RCAH 315 Methods in the Arts
Fall of every year. Spring of every year. 1 to 4 credits. A student may earn a maximum of 7 credits in all enrollments for this course. P: RCAH 112 and RCAH 215-R: Open to undergraduate students in the Residential College in the Arts and Humanities. R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.
Advanced engagement with the skills and methods used in the creation of visual and performing arts.
Effective Fall Semester 2026

RCAH 316 Topics in the Arts
Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: RCAH 215-R: Open to undergraduate students in the Residential College in the Arts and Humanities. R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.
Topics in the study of the visual and performing arts from an interdisciplinary perspective.
SA: RCAH 320
Effective Fall Semester 2026

RCAH 325 Methods in Community Engagement
Fall of every year. Spring of every year. 4(4-0) A student may earn a maximum of 8 credits in all enrollments for this course. P: RCAH 225 and RCAH 112-R: Open to undergraduate students in the Residential College in the Arts and Humanities. R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.
Advanced study in the skills and methods used in community engagement work.
Effective Fall Semester 2026

RCAH 326	<p>Topics in Community Engagement</p> <p>Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: RCAH 225 R: <u>Open to undergraduate students in the Residential College in the Arts and Humanities.</u> R: <u>Open to undergraduate students in the Residential Community Engaged Arts and Humanities.</u></p> <p>Topics and themes in the study of community engagement work.</p> <p>SA: <u>RCAH 292B</u></p> <p>Effective Fall Semester 2026</p>
RCAH 335	<p>Methods in Language and Culture</p> <p>Fall of every year. Spring of every year. 4(4-0) A student may earn a maximum of 8 credits in all enrollments for this course. P: RCAH 112 and RCAH 235 R: <u>Open to undergraduate students in the Residential College in the Arts and Humanities.</u> R: <u>Open to undergraduate students in the Residential Community Engaged Arts and Humanities.</u></p> <p>Theories and methods in the study of language and culture from an interdisciplinary perspective.</p> <p>Effective Fall Semester 2026</p>
RCAH 336	<p>Topics in Language and Culture</p> <p>Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: RCAH 235 R: <u>Open to undergraduate students in the Residential College in the Arts and Humanities.</u> R: <u>Open to undergraduate students in the Residential Community Engaged Arts and Humanities.</u></p> <p>Topics in the study of language and culture from an interdisciplinary perspective.</p> <p>SA: <u>RCAH 390</u></p> <p>Effective Fall Semester 2026</p>
RCAH 345	<p>Methods in the Humanities</p> <p>Fall of every year. Spring of every year. 4(4-0) A student may earn a maximum of 8 credits in all enrollments for this course. P: <u>RCAH 203 and RCAH 112</u> P: <u>(IAH 207R or IAH 231R)</u> and <u>Completion of Tier I Writing Requirement</u> R: <u>Open to undergraduate students in the Residential College in the Arts and Humanities.</u> R: <u>Open to undergraduate students in the Residential Community Engaged Arts and Humanities.</u></p> <p>Advanced engagement in theories and methods in the study of the humanities.</p> <p>Effective Fall Semester 2026</p>
RCAH 346	<p>Topics in Humanities</p> <p>Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: <u>RCAH 203</u> P: <u>(IAH 207R or IAH 231R)</u> and <u>Completion of Tier I Writing Requirement</u> R: <u>Open to undergraduate students in the Residential College in the Arts and Humanities.</u> R: <u>Open to undergraduate students in the Residential Community Engaged Arts and Humanities.</u></p> <p>Advanced engagement in important themes in the study of humanities.</p> <p>Effective Fall Semester 2026</p>
RCAH 391	<p>Independent Study</p> <p>Fall of every year. Spring of every year. 1 to 4 credits. A student may earn a maximum of 9 credits in all enrollments for this course. P: <u>RCAH 112 and RCAH 203</u> P: <u>(IAH 207R or IAH 231R)</u> and <u>Completion of Tier I Writing Requirement</u> R: <u>Open to undergraduate students in the Residential College in the Arts and Humanities.</u> Approval of college: R: <u>Open to undergraduate students in the Residential Community Engaged Arts and Humanities.</u> Approval of school:</p> <p>Supervised special projects arranged by an individual student and faculty member in areas supplementing regular course offerings.</p> <p>Effective Fall Semester 2026</p>

RCAH 392	<p>Internship</p> <p>Fall of every year. Spring of every year. Summer of every year. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: (RCAH 150) and completion of Tier I writing requirement. <u>R: Open to sophomores or juniors or seniors in the Residential College in the Arts and Humanities. Approval of college.</u> <u>R: Open to sophomores or juniors or seniors in the Residential Community Engaged Arts and Humanities. Approval of school.</u></p> <p>Advanced course consisting of supervised practical experience in a professional environment.</p> <p>Request the use of the Pass-No Grade (P-N) system.</p> <p>Request the use of ET-Extension to postpone grading.</p> <p>The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.</p> <p>Effective Fall Semester 2026</p>
RCAH 395	<p>Special Topics in the Arts and Humanities</p> <p>Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. <u>P: RCAH 112 and RCAH 203</u> <u>P: (IAH 207R or IAH 231R) and Completion of Tier I Writing Requirement</u> <u>R: Open to undergraduate students in the Residential College in the Arts and Humanities.</u> <u>R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.</u></p> <p>Special topics in arts and humanities to supplement regular course offerings.</p> <p>SA: RCAH 295</p> <p>Effective Fall Semester 2026</p>
RCAH 450	<p>Experiential Learning</p> <p>Fall of every year. Spring of every year. Summer of every year. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. P: (RCAH 150) and completion of Tier I writing requirement. <u>RB: RCAH 203 and RCAH 215 and RCAH 225 and RCAH 235</u> <u>RB: (IAH 207R or IAH 221R) and (RCAH 215 and RCAH 225 and RCAH 235)</u> <u>R: Open to undergraduate students in the Residential College in the Arts and Humanities.</u> <u>R: Open to undergraduate students in the Residential Community Engaged Arts and Humanities.</u></p> <p>Approved undergraduate research, creative, or community engagement project directed by a faculty member.</p> <p>Request the use of the Pass-No Grade (P-N) system.</p> <p>SA: RCAH 292G</p> <p>Effective Fall Semester 2026</p>
RCAH 491	<p>Senior Thesis (W)</p> <p>Fall of every year. Spring of every year. 4(4-0) <u>P: RCAH 112 and RCAH 203 and RCAH 192 and RCAH 294</u> <u>P: (IAH 207R or IAH 231R) and Completion of Tier I Writing Requirement</u> <u>R: Open to seniors in the Residential College in the Arts and Humanities.</u> <u>R: Open to seniors in the Residential Community Engaged Arts and Humanities. Approval of school.</u></p> <p>Thesis-length independent research project under faculty supervision.</p> <p>Effective Fall Semester 2026</p>
RCAH 492	<p>Senior Seminar (W)</p> <p>Fall of every year. Spring of every year. 4(4-0) P: (RCAH 315 or RCAH 325 or RCAH 335 or RCAH 345) and Completion of Tier I Writing Requirement <u>R: Open to seniors in the Residential College in the Arts and Humanities.</u> <u>R: Open to seniors in the Residential Community Engaged Arts and Humanities.</u></p> <p>Capstone seminar. Topics vary. May include arts practice, civic engagement, language and culture, and humanities research.</p> <p>Effective Fall Semester 2026</p>

DEPARTMENT OF ROMANCE AND CLASSICAL STUDIES

CLA 190	<p>Introduction to Classics</p> <p><u>Fall of odd years.</u> <u>Fall of every year.</u> <u>Spring of every year.</u> 3(3-0)</p> <p>Introduction to classical Greek and Roman culture and to the methods of studying the ancient world. Topics from history, literature, epigraphy, papyrology, medicine, religion, and technology.</p> <p>Effective Fall Semester 2026</p>
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COLLEGE OF SOCIAL SCIENCE

CLS 810 Historiography and Social Science Methods in Chicano/Latino Studies
Fall of every year. 3(3-0) ~~Interdepartmental with Arts and Letters~~
~~Historical, political, economic, and cultural approaches to the study of peoples of Indo-Afro-Hispano origins in the United States, Latin America, and the Caribbean. Historical, political, economic, and cultural approaches to the study of peoples of Indo-Afro-Hispano origins in the United States, Latin America, and the Caribbean.~~
SA: SSC 810
Effective Fall Semester 2026

CLS 811 Literary and Cultural Theory in Chicano/Latino Studies
Spring of every year. 3(3-0) ~~Interdepartmental with Arts and Letters~~
~~Comparative global examination of experiences of peoples of Indo-Afro-Hispano origin in the United States, Latin America, and the Caribbean. Exploration of intersecting experiences of race and ethnicity. Comparative global examination of experiences of peoples of Indo-Afro-Hispano origin in the United States, Latin America, and the Caribbean. Exploration of intersecting experiences of race and ethnicity.~~
SA: SSC 811
Effective Fall Semester 2026

CLS 893E Readings in Chicano/Latino Studies
Fall of every year. Spring of every year. 1 to 4 credits. ~~Interdepartmental with Arts and Letters~~ A student may earn a maximum of 8 credits in all enrollments for this course. ~~R: Approval of department.~~
Directed research and readings on selected topics in collaboration with Chicano/Latino Studies faculty member.
SA: SSC 893E
Effective Fall Semester 2026

CLS 894 Fieldwork in Chicano/Latino Studies
Fall of every year. Spring of every year. 1 to 4 credits. ~~Interdepartmental with Arts and Letters~~ A student may earn a maximum of 9 credits in all enrollments for this course. ~~R: Approval of department.~~
~~Social action research on selected topic in collaboration with a Chicano/Latino Studies faculty member in area of interest. Social action research on selected topic in collaboration with a Chicano/Latino Studies faculty member in area of interest.~~
SA: SSC 894
Effective Fall Semester 2026

CLS 896 Seminar in Chicano/Latino Studies
Fall of every year. Spring of every year. 3(3-0) ~~Interdepartmental with Arts and Letters~~ A student may earn a maximum of 12 credits in all enrollments for this course. ~~R: Open to graduate students in the Chicano/Latino Studies major. Approval of department.~~
~~Selected topics in Chicano/Latino studies. Theories, issues, methodological innovations. Selected topics in Chicano/Latino studies. Theories, issues, methodological innovations.~~
SA: SSC 896
Effective Fall Semester 2026

DEPARTMENT OF STATISTICS AND PROBABILITY

STT 231 Statistics for Scientists
Fall of every year. Spring of every year. Summer of every year. 3(4-0) 4(4-0) P: MTH 124 or MTH 132 or MTH 152H or LB 118 R: Open to students in the College of Natural Science and open to students in the Lyman Briggs College.
Calculus-based course in probability and statistics. Probability models, and random variables. Estimation, confidence intervals, tests of hypotheses, and simple linear regression with applications in sciences.
SA: STT 331
Effective Fall Semester 2026