MICHIGAN STATE UNIVERSITY
University Committee on Curriculum

SUBCOMMITTEE C – AGENDA

Via Zoom
January 13, 2022
1:30 p.m.

PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

COLLEGE OF ARTS AND LETTERS

1. Request to change the requirements for the **Minor in Jewish Studies** in the College of Arts and Letters.

    a. Under the heading **Minor in Jewish Studies** replace the entire entry with the following:

    1. The student must complete a minimum of 18 credits from the following. Up to 12 credits may be in Hebrew 101 or higher. Students enrolled in study abroad Israeli institutions may use appropriate courses towards the minor if approved in advance by the Jewish Studies Director.

    English

ENG	356	Readings in Jewish Literature	3

    Hebrew

HEB	101	Elementary Hebrew I	4
HEB	102	Elementary Hebrew II	4
HEB	201	Second-Year Hebrew I	4
HEB	202	Second-Year Hebrew II	4
HEB	290	Independent Study	1 to 8
HEB	490	Independent Study	1 to 8

    History

HST	201	Historical Methods and Skills	3
HST	317	American Jewish History	3
HST	355	Spain and the Muslim World	3
HST	388	World War II: Causes, Conduct and Consequences	3
HST	392	History of the Holocaust	3
HST	411	European Jewish History	3
HST	480	Seminar in American History (W)	3
HST	481	Seminar in Ancient History (W)	3
HST	490	Independent Study	1 to 4
HST	499H	Senior Honors Thesis	3

    To be counted toward the requirements for the minor, the content of HST 201, 355 388, 480, 481, 490, and 499H must have sufficient Jewish studies content and be approved by the Jewish Studies Director.

    Integrative Studies in Arts and Humanities

IAH	211C	Area Studies and Multicultural Civilizations: The Americas (D)	4
IAH	211D	Area Studies and Multicultural Civilizations: The Middle East (I)	4
IAH	221A	Great Ages: The Ancient World (I)	4
IAH	231B	Themes and Issues: Moral Issues and the Arts and Humanities (D)	4
IAH	241F	Creative Arts and Humanities: Traditions in World Art (I)	4

    Integrative Studies in the Social Sciences

ISS	315	Global Diversity and Interdependence (I)	4
ISS	330B	Asia: Social Science Perspectives (I)	4

    To be counted toward the requirements for the minor, the content of these courses must have sufficient Jewish studies content and be approved by the Jewish Studies Director. The courses may be used to satisfy the requirements for the minor and University requirements.

    James Madison College

MC	220	International Relations I: World Politics and International Security	4
MC	281	Immigrants, Minorities, and American Pluralism	4
MC	290	Special Topics	4
MC	324A	Regional Politics, Cooperation, and Conflict in the Middle East	4
MC	325	State and Society in Comparative Perspective	4
MC	335	Israeli Politics, Cultures and Society	4
MC	387	Jews and Anti–Semitism	4
MC	390	Advanced Topics in Public Affairs	4
MC	391	Selected Topics in Public Affairs	4
MC	395	Cultural Dimensions of Public Affairs	4

MC	399	Advanced Independent Study	1 to 4
MC	490H	Honors Independent Study	4
MC	492	Senior Seminar in International Relations (W)	5
MC	498	Senior Seminar in Social Relations (W)	5

To be counted toward the requirements for the minor, the content of MC 220, 281, 290, 324A, 325, 390, 391, 395, 399, 490H, 492, and 498 must have sufficient Jewish studies content and be approved by the Jewish Studies Director.

Jewish Studies

JS	390	Special Topics in Jewish Studies	4
JS	399	Independent Study (W)	1 to 4
JS	400	Study Abroad in Jewish Studies (W)	2 to 4
JS	490H	Honors Independent Study (W)	2 to 4
JS	493	Jewish Studies Internship	1 to 3
JS	495	Seminar in Jewish Studies (W)	3 or 4

Political Science

| PLS | 345 | Religion and World Politics | 3 |

To be counted toward the requirements for the minor, the content of PLS 345 must have sufficient Jewish studies content and be approved by the Jewish Studies Director.

Office of the Provost

| UGS | 200H | Honors Research Seminar | 1 to 4 |

Religious Studies

REL	150	Introduction to Biblical Literature	3
REL	301	Methods and Theories in the Study of Religion	3
REL	310	Judaism	3
REL	412	Jewish Mysticism (W)	3
REL	413	Jewish Philosophy (W)	3
REL	414	Jewish Identity (W)	3

To be counted toward the requirements for the minor, the content of REL 150 or 301 must have sufficient Jewish studies content and be approved by the Jewish Studies Director.

Residential College of Arts and Humanities

| RCAH | 391 | Independent Study | 1 to 4 |
| RCAH | 395 | Special Topics in Arts and Humanities | 3 |

To be counted toward the requirements for the minor, the content of RCAH 391 and 395 must have sufficient Jewish studies content and be approved by the Jewish Studies Director.

Women's Studies

| WS | 490 | Independent Study | 1 to 3 |

To be counted toward the requirements for the minor, the content of WS 490 must have sufficient Jewish studies content and be approved by the Jewish Studies Director.

2. **Completion of a capstone experience** (2 to 5 credits)
This requirement may be satisfied by the completion of any Director approved Jewish Studies related course with a major research component (eg. MC 335, MC 387, HST 392); an independent study of at least 2 credits; study abroad or study away program with a culminating research paper or reflective project; JS 493 Jewish Studies Internship; or a 2-credit extensive portfolio and reflective essay.

Social Science Track in Jewish Studies
Students majoring in a College of Social Science major may complete a minimum of 16 credits from the following set of requirements in fulfillment of the minor requirements in lieu of the requirements above. Students who plan to complete these requirements should consult an undergraduate advisor in the College of Social Science and the Director of the Serling Institute for Jewish Studies and Modern Israel. The requirements will meet the College of Social Science college interdisciplinary minor requirement.

a. The following courses (6 credits):

| HST | 317 | American Jewish History | 3 |
| HST | 392 | History of the Holocaust | 3 |

b. One of the following courses (4 credits):

| MC | 335 | Israeli Politics, Cultures, and Society | 4 |
| MC | 387 | Jews and Antisemitism | 4 |

c. Two of the following courses (6 to 8 credits):

ENG	356	Readings in Jewish Literature	3
HEB	102	Elementary Hebrew II	4
HEB	201	Second-Year Hebrew I	4
HEB	202	Second-Year Hebrew II	4
JS	390	Special Topics in Jewish Studies	4
JS	399	Independent Study (W)	1 to 4
JS	400	Study Abroad in Jewish Studies (W)	2 to 4
JS	493	Jewish Studies Internship	1 to 3
JS	495	Seminar in Jewish Studies (W)	3 or 4
REL	310	Judaism	3
REL	412	Jewish Mysticism (W)	3
REL	413	Jewish Philosophy (W)	3
REL	414	Jewish Identity (W)	3

Effective Fall 2022.

2. Request to change the requirements for the **Doctor of Philosophy** degree in **English** in the Department of English. The University Committee on Graduate Studies (UCGS) will consider this request at its January 24, 2022 meeting.

   a. Under the heading **Requirements for the Doctor of Philosophy Degree in English** add the following statement after item 1.:

   Students pursuing the Graduate Certificate in Film Studies may substitute FLM 800 Methods in Film Studies for ENG 802 above.

   Effective Fall 2022.

3. Request to change the requirements for the **Disciplinary Teaching Minor** in **English** that is available for secondary certification in the Department of English. The Teacher Education Council (TEC) will consider this request at its January 10, 2022 meeting.

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

   1. All of the following courses (9 credits):

      | ENG | 210 | Introduction to Literary Studies | 3 |
      | ENG | 302 | Introduction to English Language Studies | 3 |
      | ENG | 308 | Readings in Literature for Young Adults | 3 |

   2. One of the following courses (3 or 4 credits):

      | ENG | 280 | Introduction to Literary Theories | 3 |
      | FLM | 230 | Introduction to Film | 4 |

   3. One of the following courses (3 credits):

      | ENG | 320A | Methodologies of Literary History: Genre | 3 |
      | ENG | 320B | Methodologies of Literary History: Region, School, or Movement | 3 |
      | ENG | 320C | Methodologies of Literary History: Canon Formation | 3 |

   4. One of the following courses (3 or 4 credits):

      | ENG | 360 | Studies in Postcolonial and Diaspora Literature (W) | 3 |
      | ENG | 362 | Studies in Modern/Contemporary Literature (W) | 3 |
      | ENG | 364 | Studies in 18th-/19th-Century Literature (W) | 3 |
      | ENG | 368 | Studies in Medieval/Early Modern Literature (W) | 3 |
      | ENG | 408 | Critical Literacies and Communities | 4 |

   5. At least one 300-400 level ENG course (3 or 4 credits). Students pursuing secondary certification may not use ENG 490 or 493 to meet this requirement. Students may substitute TE 448 Issues of Diversity in Children's and Adolescent Literature, to fulfill this requirement.

      6.   Both of the following courses (2 credits):

TE	409	Crafting Teaching Practice in the Secondary Teaching Minor	1
TE	503	Internship in Teaching Diverse Learners in Additional Endorsement Areas	1
			23 to 26

.

Effective Fall 2022.

4.   Request to change the requirements in the **Minor** in **Italian** in the Department of Romance and Classical Languages.

      a.   Under the heading **Requirements for the Minor in Italian** replace item 2. with the following:

One of the following courses (3 or 4 credits):

IAH	209	Art, the Visual, and Culture (D)	4
IAH	241C	Creative Arts and Humanities: Global Cultural and Artistic Traditions (I)	4
ITL	250	Topics in Italian Cultures for English Speakers	3
ITL	400	Reading Italian	3
ITL	490	Independent Study	1 to 4
ROM	355	French, Italian, Portuguese or Spanish Cinema	4

Students must obtain approval from the Department of Romance and Classical Studies prior to enrollment in any of these courses with the exception of ITL 250. The IAH courses are offered only as part of the education abroad program in Ferrara, Italy. ITL 400 is only offered summer semester every three years.

Effective Fall 2022.

ELI BROAD COLLEGE OF BUSINESS

1.   Request to establish a **Master of Science** degree in **Customer Experience Management** in the Department of Marketing. The University Committee on Graduate Studies (UCGS) recommended approval of this request at its October 18, 2021 meeting.

      a.   **Background Information**:

Customer Experience Management (CXM) is a business imperative for most organizations, whether for-profit or non-profit, public or private. Globally, over 17 million people self-identify on LinkedIn as working in the customer experience field. The business press is replete with articles on the importance of customer experience. In a recent survey, Gartner (2017) found that 81% of organizations plan to compete mostly or completely on the basis of customer experience within the next few years. In a 2019 survey, CX was found to drive over two-thirds of customer loyalty, outperforming brand and price combined (Gartner 2019 CX Management Survey).

There is a growing number of leadership positions in CX, with many organizations declaring their commitment to CXM by hiring leaders to drive it. Around 90% of organizations have a CXO (Chief Experience Officer) or CCO (Chief Customer Officer) today, compared to 60% two years ago (Gartner 2019 CX Management Survey).
Despite the prominence of CX, there are currently no graduate programs in CXM in North America (there are three programs in Europe). CXM draws from a variety of disciplines, including consumer insights, sales, advertising, human resources, and supply chain management. This wide array of fields leaves many practitioners with significant gaps in their skill sets.

There is a substantial demand from both working professionals and their employers. In a Summer 2020 survey of Working Professionals, 85% are interested in a master's degree in customer experience management. The same study found that of 160 Decision Makers, 78% of USA companies and 89% of international companies are likely to hire students graduating from the

program (survey conducted by the Broad Department of Marketing 2020). At this time there is no program like this, at either the graduate or undergraduate level, in North America.

b.   **Academic Programs Catalog Text**:

The Master of Science degree in Customer Experience Management prepares individuals for careers in customer experience management. The degree can be completed in one calendar year (full-time) or twenty months (part-time). The program is specifically designed to develop skills in organizational development and change, understanding customers and employees, experience design and innovation, employee experience and engagement, and data analytics and continuous improvement technical skills. The program is available only online.

In addition to meeting the requirements of the university and of the Eli Broad College of Business and Graduate School of Management, students must meet the requirements specified below.

Admission

For admission to the master's degree program in customer experience management on regular status, the student must:

1.   Submit to the Department of Marketing a completed application packet that is available from the department.
2.   Have a bachelor's degree from a recognized educational institution.
3.   Have a grade-point average of at least 3.00 in the last two years of undergraduate work.
4.   Take the Graduate Management Admission Test (GMAT) and have the scores submitted to the Master of Science in Customer Experience Management program. The test must be taken not more than five years prior to the submission of the application for admission to the program. The GMAT score may be waived based on previous work experience.

Admission to the program is competitive, and meeting the minimum standards listed above does not guarantee admission. The applicant's overall record is considered including letters of recommendation, the student's statement of objectives, work experience, extra-curricular activities, and TOEFL scores (for international students). Admission is also subject to space availability.

Prior to enrollment in the Master of Science degree in Customer Experience Management, the student must have:

1.   a working knowledge of personal computers including word processing, spreadsheets, networking, and database management systems.
2.   a basic understanding of marketing and the management of people.
3.   a lap-top computer.

Students who do not meet the requirements for admission to the program on regular status may be admitted on a provisional basis to remove deficiencies. Collateral course work will not count towards the requirements for the degree.

Requirements for the Master of Science Degree in Customer Experience Management
CREDITS

The Master of Science degree in Customer Experience Management is available only under Plan B (without thesis). A total of 30 credits are required for the degree.

The students must complete the following:

MKT	878	The Customer-Centric Organization	2
MKT	879	Organizational Development and Change	2
MKT	880	Consumer Decision Making and Behavior	2
MKT	881	Qualitative Research	2
MKT	883	Qualitative Data Synthesis and Analysis	2
MKT	885	Experience Analytics	2
MKT	886	Human-Centered Design and Innovation	2
MKT	887	Customer Experience Strategy	2
MKT	888	Customer Experience Design	2
MKT	889	Digital Customer Experience Design	2
MKT	892	The Employee Experience	2

MKT	893	Employee Engagement	2
MKT	895	Customer Relationship Management	2
MKT	896	Measuring the Experience	2
MKT	897	Data Analysis, Integration and Visualization	2

Effective Summer 2022.

COLLEGE OF COMMUNICATION ARTS AND SCIENCES

1.   Request to change the requirements for the **Minor** in **Advertising Analytics** in the Department of Advertising and Public Relations.

   a.   Under the heading **Requirements for the Minor in Advertising Analytics** make the following changes in item 2.:

   (1)   Delete the following course:

   | ADV | 420 | New Media Driver's License | 3 |

   Add the following course:

   | PR | 330 | Social Media Management | 3 |

Effective Summer 2022.

2.   Request to change the requirements for the **Bachelor of Science** degree in **Advertising Management** in the Department of Advertising and Public Relations.

   a.   Under the heading **Requirements for the Bachelor of Science Degree in Advertising Management** make the following changes:

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

   | ADV | 225 | Writing for Public Relations | 3 |

   Add the following courses:

ADV	225	Basic Skills for Advertising Careers	3
or			
PR	225	Writing for Public Relations	3

   (2)   In item 2. b. delete the following course:

   | ADV | 420 | New Media Driver's License | 3 |

Effective Summer 2022.

3.   Request to establish a **Master of Science** degree in **User Experience** in the Department of Media and Information. The University Committee on Graduate Studies (UCGS) recommended approval of this request at its October 18, 2021 meeting.

a.   **Background Information**:

As the world grows increasingly dependent on new technologies, the need has never been greater to create user-centered and socially responsive interactive technologies, applications, and information systems for diverse populations. Technology is an integral part of everyday life, touching every aspect of how people learn, work, and play. With the fast pace of technology innovation, information technology is transforming the world around us, from cars to travel, from games for learning and social change to entertainment, from enterprise-level information systems to personal mobile apps for health and wellness. Further, how we interact with technology is becoming critically important for businesses to understand, making the study of the relationship between humans and computers one of the most dynamic and significant fields of technical investigation.

User experience (UX) refers to any interactions users have with the company and their products, systems, or services. UX design considers all the different elements that shape those experiences by focusing on humans and their needs, as well as business goals and objectives during the design process to create user-centered and socially responsive interactive technologies, applications, and information systems that are effective, efficient, and easy-to-use. The future of computing lies in understanding and creating innovative, high-quality designs through human-computer interaction research and principles integrated with user-centered design (ISO, 2010), [1] user research, usability evaluation [2], information architecture, information science, user interface design, interaction design, visual design, content strategy, accessibility [3], web analytics, and project management (*usability.gov*). Taken together, UX professionals are valuable assets for businesses: they can identify how end users are currently using a product, enhance designs, collaboratively develop new products to best meet the needs of their users, and adapt to emergent social and technological settings. UX is about determining when and where design is appropriate and needed, how to develop and maintain technological systems, and how to appropriately consider the ecologies around technology use, including their relevance to other technologies, materials and social embeddedness.

With the rise in digital technologies, the strategic role of UX in enhancing an organization's competitive advantage has grown exponentially. The business case for enterprise UX is compelling; success stories highlight excellent return on investment (ROI). According to the 2019 State of UX Enterprise Survey, 70% of enterprise CEOs see UX and customer experience as a competitive differentiator, 88% reported that customer mapping (mapping customer behavior across all touchpoints) had a positive impact on their product offerings by increasing retention rates, increasing lifetime value, increased sales, and reducing customer service calls.[4]-[5]

Now more than ever, marketplace success depends on being able to offer innovative, user-centered, and socially responsive products that meet the needs, desires, and expectations of diverse users.

UX professionals are in great demand as design and thought leaders because companies, governments, and other organizations have recognized the benefits of institutionalizing user-centered design best practices, and are integrating user-centered design, usability, and accessibility standards into their design and development processes. Careers in UX rank highly in several lists of top high-paying careers and UX professionals have excellent earning potential. The User Experience Professionals' Association reported the median salary is $95,000 for UX professionals in 2018. [6] The Nielsen Norman Group (highly-regarded in UX circles) found starting salaries in UX design are about $67,000 (in 2019-dollars) for entry-level salaries and about $95,000 within five years. [7] The Onward Search Salary Guide 2019 indicates UX designer salaries range from $76,600 to $113,500 (average salary $95,050) [8]. Salaries for a user researcher range from $67,300 to $93,700 (average salary $80,500) and a UX/UI Manager can command between $98,400 and $151,200 (average salary $124,800). According to Glassdoor's 50 Best Jobs in America 2018 report, a UX designer's median base salary is $90,000 while a UI developer comes in at $95,000 [9]. Similarly, the Creative Group Salary Guide 2018 gives UX designer salary ranges from $77,400 to $114,700, while UX researchers can expect between $70,500 and $96,200, and UX manager salaries range from $99,700 to $153,300 [10].

The Department of Media and Information has long been researching and teaching a variety of courses about the relationship between information and communications technologies and the people, communities, institutions, and governments that interact with them. Following the global iSchool movement, of which the Department of Media and Information is a member, we are assembling a new set of courses into this User Experience (UX) major to train a new class of professionals who both understand the way modern technologies are designed, but also how those technologies influence and shape people, groups, communities, organizations, governments, and society.

Currently, there are no traditional, online, or hybrid master's programs at Michigan State that offer this collection of topics and whose goal is to provide educational development to information professionals to work at the intersection of cutting-edge technology and social change as user experience practitioners. A small number of online or hybrid master's programs have content that crosses over into core content areas in the college, such as the Master of Arts degree in Digital Rhetoric and Professional Writing in the College of Arts and Letters along with WRA 482 Information and Interaction Design; the Master of Arts degree in Program Evaluation in the College of Social Science along with PSY 882 Evaluation Data Collection Methods, but no program has more than one course with similar content in common to the proposed Master of Science degree in User Experience, as the foundational perspectives are different.

The main competitor in Michigan is the University of Michigan, which offers a traditional MS program in Information that has a UX/HCI concentration; however, it is not designed or offered as a completely online, asynchronous program. There are also a small number of online programs nationally, mostly from non-peer institutions.

[1] International Organization for Standardization (2010). Ergonomics of human-system interaction – Human-centered design for interactive systems. (ISO 9241-210:2010).
[2] International Organization for Standardization (ISO). (2018). Ergonomics of human-system interaction — Part 11: Usability: Definitions and concepts. (ISO Reference No. 9241-11:2018(en)).
[3] International Organization for Standardization (2012). Information technology – W3C Web Content Accessibility Guidelines (WCAG) 2.0. (ISO/IEC 40500:2012).
[4] Ratcliff, C. (2019). 12 fascinating UX and user research stats to help your business case. UserZoom, *https://www.userzoom.com/blog/fascinating-stats-about-ux-andusability-testing-to-help-your-business-case/*
[5] Spool, J. M. (2017). A proven method for showing the value of good UX. User Interface Engineering*, https://articles.uie.com/a-proven-method-for-showing-the-value-of-good-ux/*
[6] Sauro, J. (2018). User experience salaries and calculator, MeasuringU, *https://measuringu.com/salary-survey2018/*
[7] Nielsen, J. (2015). Salary trends for UX professionals, Nielsen Norman Group, *https://www.nngroup.com/articles/salary-trends-usability-professionals/*
[8] Onward Search. (2018). Digital creative salary guide 2018, *https://www.onwardsearch.com/digital-creative-salary-guide-2018/*
[9] Glassdoor. (2020). 50 best jobs in America, *https://www.glassdoor.com/List/Best-Jobs-in-America-LST_KQ0,20.htm*
[10] Robert Half. (2020). Creative and marketing salary data and hiring trends, *https://www.roberthalf.com/salary-guide/creative-and-marketing*

b.   **Academic Programs Catalog Text**:

The Master of Science degree in User Experience program will prepare students for many kinds of careers in human-computer interaction, user experience design, and human-centered research. The online Master of Science in User Experience program is designed to accelerate career prospects of early and mid-career professionals for leadership roles within information technology environments. The program will provide advanced user experience design training that integrates foundational human-computer interaction (HCI) knowledge with industry-relevant methods and social responsibility, which are necessary in the dynamic, agile IT development environment of the 21st century global workplace.

Admission

Applications for admission to the program are reviewed by faculty who look for indications of a high probability of success. Such indications include a high level of academic performance, experience with educational technology, and consistency of professional goals with the objectives of the program.

To be considered for admission to the program, an applicant must:

1. Have earned a bachelor's degree from a recognized, accredited educational institution.
2. Present evidence of competency in English, assessed with TOEFL, IELTS, or MELAB scores, if English is not the first language.
3. Submit a letter of recommendation.
4. Submit official transcripts.
5. Submit a resume/CV and portfolio (optional).
6. Submit a 1-2 page statement describing the applicant's background and interest in the program.
7. Submit both departmental and university application forms.

Requirements for the Master of Science Degree in User Experience

CREDITS

The program is available only online and under Plan B (without thesis). The student must complete a total of 30 credits for the degree.

1. The following course (3 credits):
    UX   800   User Research and Design   3
2. Complete 24 credits from the following:
    UX   802   Current Topics in UX   3
    UX   805   Quantitative Analysis and Insights in UX   3
    UX   810   Social Science for Design   3
    UX   815   Programming Fundamentals for UX   3
    UX   820   Usability Evaluation   3
    UX   825   Visual Design Fundamentals   3
    UX   830   Design for Interactivity   3
    UX   835   Accessibility and Design   3
    UX   840   UX and Society   3
3. The following capstone/practicum course (3 credits):
    UX   898   UX Capstone   3
4. Completion of a final examination or evaluation.

Effective Fall 2022.

COLLEGE OF EDUCATION

1. Request to change the requirements for **Teacher Certification** in the College of Education. The Teacher Education Council (TEC) will consider this request at its January 10, 2022 meeting.

    a. Under the heading **REQUIREMENTS FOR TEACHER CERTIFICATION** replace the entire entry with the following:

    Disciplinary Course Requirements and Pedagogy Course Requirements

    For some majors, disciplinary courses in addition to, or in lieu of, the courses that are required for the bachelor's degree in the disciplinary major are required for teacher certification. Furthermore, for some disciplines, additional pedagogy courses are required for teacher certification.

    For additional information concerning disciplinary course requirements and pedagogy course requirements, refer to teacher certification options in the catalog sections for the colleges, departments, and schools that administer disciplinary majors that are available for teacher certification.

General–Liberal Education Requirements

The State of Michigan requires applicants for provisional certification to have completed at least 40 semester credits in a program of general or liberal education, which is designed to ensure that teachers understand the substance, concepts, and methods of the principal areas of human knowledge, and possess the skills essential to communication and inquiry in modern society. The courses used to fulfill the university's Integrative Studies and Tier I writing requirements will count for 30 of the 40 credits required in general-liberal education.

Observation and Field Experience Requirements

Included in the requirements for teacher certification are courses that involve observations and field experiences in schools. Students are responsible for their transportation to and from observations and field experiences as well as any associated costs (e.g. transportation).

Teacher Certification Internship Year Studies Program

Persons may gain access to the Teacher Certification Internship Year Studies Program as follows:
1. **Elementary Teacher Certification**:
    a.   Students who complete the requirements for the bachelor's degree with a major in child development, education, or special education along with the teaching major, and all elementary program requirements are thereby qualified to pursue the Internship Year Studies Program.
    b.   Michigan State University students who were admitted to the Teacher Certification Program with a disciplinary major other than those referenced in item 1. a. above, who complete the requirements for a bachelor's degree at Michigan State University, and who complete the requirements for teacher certification referenced in items 2. and 3. a. (1) through (3) in the section "*Prerequisites for Admission to the Internship Year Studies Program*" below are thereby qualified to pursue the Internship Year Studies Program.
    c.   Students who complete the requirements for a bachelor's degree at another educational institution, or who complete the requirements for a bachelor's degree at Michigan State University without having been admitted to the Teacher Certification Program, must meet the requirements referenced in the section "*Prerequisites for Admission to the Internship Year Studies Program*" below in order to be considered for admission to that program.
    Students who plan to direct preschool programs must, and students who plan to teach children under five years of age should, meet the requirements for the Bachelor of Arts degree with a major in Child Development (teacher certification emphasis) and meet the requirements referenced in items 3. a. (1) through (3) in the section "*Prerequisites for Admission to the Internship Year Studies Program*" below in order to be considered for admission to the Internship Year Studies Program. Students who plan to teach kindergarten or early elementary grades may gain access to the Internship Year Studies Program via any one of the three alternatives referenced in item 1. above.
2. **Secondary Teacher Certification**:
    a.   Michigan State University students who were admitted to the Teacher Certification Program with a disciplinary major other than those referenced in item 1. a. above and those referenced in items 3. a. and b. below, who complete the requirements for a bachelor's degree at Michigan State University, and who complete the requirements for teacher certification referenced in items 2. and 3. b. (1) through (3) in the section on "*Prerequisites for Admission to the Internship Year Studies Program*" below are thereby qualified to pursue the Internship Year Studies Program.
    b.   Students who complete the requirements for a bachelor's degree at another educational institution, or who complete the requirements for a bachelor's degree at Michigan State University without having been admitted to the Teacher Certification Program, must meet the requirements referenced in the section on "*Prerequisites for Admission to the Internship Year Studies Program*" below in order to be considered for admission to that program.

3. **Secondary Teacher Certification K-12 Endorsed Subject Areas**:

a. Michigan State University students who were admitted to the teacher certification program with a music education disciplinary major and who complete the requirements for teacher certification referenced in items 2. and 3. b. (1) and (2) in the section on *"Prerequisites for Admission to the Internship Year Studies Program"* below are thereby qualified to pursue the Internship Year Studies Program.

b. Michigan State University students who were admitted to the Teacher Certification Program with an art education disciplinary major, who complete the requirements for a bachelor's degree from Michigan State University, and who complete the requirements for teacher certification referenced in items 2. and 3. b. (1) and (2) in the section on *"Prerequisites for Admission to the Internship Year Studies Program"* below are thereby qualified to pursue the Internship Year Studies Program.

c. Michigan State University students who were admitted to the Teacher Certification Program with a disciplinary major other than those referenced in items 2. and b. above, who complete the requirements for a bachelor's degree at Michigan State University, and who complete the requirements for teacher certification referenced in items 2. and 3 b. (1) and (2) under the heading *"Prerequisites for Admission to the Internship Year Studies Program"* below are thereby qualified to pursue the Internship Year Studies Program.

d. Students who complete the requirements for a bachelor's degree at another educational institution, or who complete the requirements for a bachelor's degree at Michigan State University without having been admitted to the Teacher Certification Program, must meet the requirements referenced in the section on "Prerequisites for Admission to the Internship Year Studies Program" below in order to be considered for admission to that program.

Prerequisites for Admission to the Internship Year Studies Program

All students seeking admission to the Internship Year Studies Program must have:

1. A baccalaureate degree from a recognized educational institution with a cumulative grade–point average of at least 2.5.
2. Passed all portions of the Michigan Test for Teacher Certification (MTTC), Professional Readiness Examination (PRE), or demonstrated proficiency using approved alternative pass measures and completed the State of Michigan Department of Education's technology requirement.
3. Completed the following undergraduate requirements for teacher certification:

a. **Undergraduate Requirements for Elementary Teacher Certification**:

(1) The professional education courses listed in the *"Undergraduate Professional Education Course Requirements for Elementary Teacher Certification"* section below.

(2) The Elementary Education Courses listed in the *"Undergraduate Professional Education Course Requirements for Elementary Teacher Certification"* section below.

(3) Courses comprising a grade band concentration listed in the *Undergraduate Professional Education Course Requirements for Elementary Teacher Certification* section below.

(4) The *Teaching English to Speakers of Other Languages (TESOL)* courses listed in the *Undergraduate Professional Education Course Requirements for Elementary Teacher Certification* section below.

(5) Optional Additional Teaching Endorsements in Arabic, Chinese, French, German, Japanese, or Spanish.

b. **Undergraduate Requirements for Secondary Teacher Certification**:

(1) The Professional Education Courses listed below in the section on the *"Undergraduate Professional Education Course Requirements for Secondary Teacher Certification."*

(2) An approved disciplinary major for secondary teacher certification, with a grade-point average of at least 2.5. The approved disciplinary majors for secondary teacher certification are listed below in the section on *"Options for Acceptable Subject Matter Teaching Majors and Minors for Secondary Teacher Certification."*

(3) An approved disciplinary teaching minor for secondary teacher certification, with a grade-point average of at least 2.5. The approved

disciplinary teaching minors for secondary teacher certification and their requirements are listed below in the section on *"Options for Acceptable Subject Matter Teaching Majors and Minors for Secondary Teacher Certification"*.

4. Earned a grade point average of 2.5 or above for pre-internship professional education courses required for teacher certification with no individual grade below 2.0.

5. Completed any disciplinary courses and pedagogy courses that are required in addition to the courses that are required for the disciplinary major and the courses that are referenced in item 3.a.(1) or 3.b.(1) above.

    Any additional disciplinary courses and any additional pedagogy courses that are required for teacher certification are referenced in the sections on teacher certification options in the catalog sections for the colleges, departments, and schools that administer the disciplinary majors that are available for teacher certification.

6. Passed the required State of Michigan certification tests for elementary teaching or the appropriate major subject area test for secondary teaching.

7. Submitted a complete conviction disclosure form; and

8. Met professional criteria as specified by the College of Education.

Undergraduate Professional Education Course Requirements for Elementary Teacher Certification

GPA Standards: All elementary teacher candidates must pass the following courses with a minimum grade of 2.0. CEP 240, TE 101, TE 102, TE 150, TE 341, LIN 200 or LIN 401, TE 301, and TE 348. Within the Grade Three through Grade Six concentration: HST 301, HST 302, and ISE 301 must be passed with a minimum grade of 2.0.

a. **Professional Education Courses** (19 credits):
    All of the following courses (19 credits):

CEP	240	Diverse Learners in Multicultural Perspectives	3
TE	101	Social Foundations of Justice and Equity in Education	3
TE	102	Pedagogy and Politics of Justice and Equity in Education	3
TE	150	Reflections on Learning	3
TE	341	Teaching and Learning of (Bi)Multilingual Learners	3
TE	371	Justice and Equity Seminar I	1
TE	372	Justice and Equity Seminar II	1
TE	471	Justice and Equity Seminar III	1
TE	472	Justice and Equity Seminar IV	1

b. **Elementary Education Courses** (25 or 26 credits):

    (1) All of the following courses (10 credits):

TE	100	Introduction to Early Childhood and Elementary Education	1
TE	333	Social Studies for Young Learners (PK-6)	3
TE	403	Teaching Science to Diverse Learners - Elementary	3
TE	404	Teaching of Social Studies to Diverse Learners-Elementary (W)	3

    (2) **Language Acquisition and Development**
         One of the following courses (3 or 4 credits):

LIN	200	Introduction to Language	3
LIN	401	Introduction to Linguistics	4

    (3) **Literacy**
         Both of the following courses (6 credits):

TE	301	Children's Literacy Development (W)	3
TE	348	Reading and Responding to Children's Literature	3

    (4) **Mathematics**
         Both of the following courses (6 credits):

MTH	201	Elementary Mathematics for Teachers I	3
MTH	202	Elementary Mathematics for Teachers II	3

         The completion of Mathematics 201 may satisfy the university mathematics requirement. Mathematics 201 and 202 are prerequisites for Teacher Education 406 or 406A and must be completed with a minimum grade-point of 2.0 prior to enrollment in Teacher Education 406 or 406A.

c.   One of the following concentrations (21 to 29 credits):
Prekindergarten through Grade Three (29 credits):
All of the following courses:

HDFS	320	Interaction with Children in Groups	3
HDFS	320L	Interaction with Children-Laboratory	1
HDFS	321	Curriculum for Children (W)	3
HDFS	321L	Curriculum for Children-Laboratory	1
HDFS	424	Student Teaching in an Early Childhood Program	6
TE	330	Science Curriculum for Young Learners (PK-3)	3
TE	405A	Teaching Literacy to Diverse Learners I (PK-3)	3
TE	405B	Teaching Literacy to Diverse Learners II (PK-3)	3
TE	406A	Teaching Mathematics to Diverse Learners I (PK-3)	3
TE	406B	Teaching Mathematics to Diverse Learners II (PK-3)	3

Grade Three through Grade Six (21 or 22 credits):
1.   One of the following ethnic studies courses (3 or 4 credits):

AAAS	100	Pathways into AAAS	3
AIIS	201	Introduction to American Indian and Indigenous Studies	3
CLS	201	Introduction to Chicano/Latino Studies	3
HST	208	Introduction to African History, Culture and Society	4
HST	210	Modern East Asia	4
HST	309	American Indian History: Precontact to the Present	3
HST	310	African American History to 1876	3
HST	311	African American History since 1876	3
HST	312	African American Women	3
HST	327	History of Mexican Americans in the United States	3
HST	365	The Vietnam War	3
HST	366	Modern Southeast Asia	3
HST	371	Women and Gender in Asia	3
HST	383	The Caribbean	3
HST	384	Modern Mexico	3
PLS	304	Minority Politics	3
PLS	351	African Politics	3
SOC	214	Social Inequality	3
SOC	215	Race and Ethnicity	3
SOC	375	Urban Sociology	3
SSC	293	Introduction to Asian Pacific American Studies	3
TE	352	Immigrant Language and Culture	3

2.   One of the following United States history courses (3 credits):

HST	301	Indigenous-European Encounters in North America	3
HST	302	Revolutionary America	3

3.   One of the following arts integration courses (3 credits):

TE	430	Introduction to Arts in the Classroom	3
TE	431	Learning through Drama	3
TE	432	Learning through Movement	3

4.   All of the following courses (12 credits):

ISE	301	Science for Elementary Schools	3
TE	332	Science Curriculum for Upper Elementary Learners (3-6)	3
TE	405	Teaching Literacy to Diverse Learners (3-6)	3
TE	406	Teaching Mathematics to Diverse Learners (3-6)	3

d.   **Teaching English to Speakers of Other Languages** (15 or 18 credits):
Completion of this requirement along with TE 341 in 2. a. (1) and either
LIN 200 or LIN 401 in 2. b. (2) satisfies the course requirements for the
additional endorsement in English as a Second Language.
(1)   All of the following courses (12 credits):

LLT	307	Methods of Second and Foreign Language Teaching	3

	LLT	346	Pedagogical English Grammar for English Teachers	3
	LLT	361	Second and Foreign Language Learning	3
	TE	342	Teaching Methods for (Bi)multilingual Learners	3
(2)	Complete either (a) or (b) (3 or 6 credits):			
(a)	ANP	420	Language and Culture	3
(b)	COM	310	Intercultural Communication	3
	or			
	COM	320	Diversity and Communication	3
	LIN	471	Sociolinguistics	3

e. **Optional Additional Teaching Endorsements**

Students may elect to complete one or more optional disciplinary teaching minor(s), in addition to the required grade band concentration and English as a Second Language requirements. The following disciplinary teaching minors are available for prospective elementary school teachers.

Arabic	22
Chinese	26
French	24
German	23
Japanese	24
Spanish	24

Requirements for the disciplinary teaching minors can be found in the section *Requirements for the Disciplinary Teaching Minors* in the section on *TEACHER CERTIFICATION*, below. Students wishing to complete one or more of the following optional disciplinary teaching majors, in addition to the grade band concentration and English as a Second Language requirements, should refer to *Teacher Certification Options* in the catalog sections for the colleges, departments, and schools that administer disciplinary majors that are available for teacher certification.

College of Arts and Letters:
Arabic
Chinese
French
German
Japanese
Spanish

Undergraduate Professional Education Course Requirements for Secondary Teacher Certification

CREDITS

1. The following Professional Education Courses (20 or 21 credits):
   a. All of the following courses (20 credits):

	TE	101	Social Foundations of Justice and Equity in Education	3
	TE	150	Reflections on Learning	3
	TE	302	Learners and Learning in Context - Secondary (W)	4
	TE	407	Teaching of Subject Matter to Diverse Learners - Secondary (W)	5
	TE	408	Crafting Teaching Practices - Secondary (W)	5

The following course if the teaching major and minor are in different subject matter:

	TE	409	Crafting Teaching Practices in the Secondary Teaching Minor	1

The pedagogy courses that are required for students with a disciplinary major in music education are specified in the section on *TEACHER CERTIFICATION OPTIONS* in the College of Music section of this catalog. Students with a disciplinary major in music education must complete Teacher Education 150, Teacher Education 250, Teacher Education 302 and Music 277 to be considered for admission to the Music Education student teaching experience. Teacher Education 409 is required if the student pursues a minor. It is not required of the major.

Students with a disciplinary major in art education must complete Studio Art 481 and 482 in lieu of Teacher Education 407 and 408.

Admission to the Internship Year Studies Program

The section on admission to the Internship Year Studies Program pertains to all students who complete the requirements for a bachelor's degree at another educational institution, or who complete the requirements for a bachelor's degree at Michigan State University without having been admitted to the Teacher Certification Program.

The number of students admitted to the Internship Year Studies Program is established by the university. Enrollment in the program is limited. The criteria and procedures for the selection of students for admission to the Internship Year Studies Program are established by the College of Education.

Requirements for the Internship Year Studies Program

				CREDITS
1.	All of the following Professional Education Courses (24 credits):			
	TE	501	Internship in Teaching Diverse Learners I	6
	TE	502	Internship in Teaching Diverse Learners II	6
	TE	801	Professional Roles and Teaching Practice I	3
	TE	802	Reflection and Inquiry in Teaching Practice I	3
	TE	803	Professional Roles and Teaching Practice II	3
	TE	804	Reflection and Inquiry in Teaching Practice II	3
2.	For those pursuing optional additional discipline-specific teaching endorsements, one credit of TE 503 must be taken for each additional teaching endorsement earned.			
3.	Meet all professional standards for the internship year as specified by the College of Education.			

Students with a music education disciplinary major must complete approved alternative courses in lieu of Teacher Education 501, 502, 801, 802, 803, and 804.

Students with a special education disciplinary major who are seeking both teacher certification and endorsement in learning disabilities must complete Counseling, Educational Psychology and Special Education 502A, 801A, 802A, 803A, and 804A in lieu of Teacher Education 502, 801, 802, 803, and 804. Those courses contain disciplinary content, as well as pedagogical content. Therefore, those courses are also counted toward the requirements for endorsement in the area of learning disabilities. Students who completed Teacher Education 502, 801, 802, 803, and 804 and who are seeking endorsement in learning disabilities must complete Counseling, Educational Psychology and Special Education 502A, 801A, 802A, 803A, and 804A.

Internship Placements

Students seeking teacher certification are required to complete extended internships during the Internship Year Studies Program. Interns who desire to be placed in secondary schools must pass the Michigan Test for Teacher Certification (MTTC) subject tests in their teaching major. Elementary interns, including Special Education and Child Development majors, must pass, at minimum, the MTTC tests appropriate to their grade band concentration. For the full criteria to be admitted to the internship year, see Prerequisites for Admission to the Internship Year Studies Program.

Although students are given an opportunity to express their preferences concerning possible internship placement sites, the placement of students in internships is the sole responsibility of the College of Education. The College will not honor student-arranged internship placements.

Each student's subject areas, the availability of field instructors, the voluntary willingness of schools to accept interns and visitors, and the College's commitment to providing service to public schools are considered in internship placement decisions. Given the number of factors that influence internship placement decisions, the College cannot guarantee that placements will be available in the vicinity of East Lansing or in a location that a student prefers.

Students are responsible for their transportation to and from internships. Students are responsible for costs associated with internships; e.g., moving to and living in the community in which a student's internship placement is located.

For additional information, students should contact the faculty who are responsible for internship placements.

Relationship of the Internship Year Studies Program to Master's Degree Programs

Students may be admitted to the Internship Year Studies Program without being admitted to a master's degree program. Students who are admitted to both the Internship Year Studies Program and a master's degree program may pursue both programs simultaneously and may be allowed to apply 800–level courses from the Internship Year Studies Program to their master's degree with the approval of the units that administer the master's degree program.

Students in any master's program in the College of Education may apply a maximum of 12 credits earned through any combination of courses taken through lifelong education, graduate certification, or in transfer from another institution. Each program may determine if courses are appropriate for the master's program and may allow fewer than 12 credits to be applied to the specific master's program.

For additional information about the 800–level courses that are required for the Internship Year Studies Program, refer to the section on *"Requirements for the Internship Year Studies Program."*

Effective Fall 2022.

PART II - NEW COURSES AND CHANGES

COLLEGE OF ARTS AND LETTERS

STA 491C   Selected Topics - Ceramics
Spring of every year. 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: STA 345

REINSTATEMENT   Issues of technique, style, and content in ceramics.
Effective Fall 2022

AL 460   Advanced Career Strategies
Fall of every year. Spring of every year. 1(1-0) A student may earn a maximum of 1 credit in all enrollments for this course. RB: Completion of AL 250 or basic level of career readiness/preparation prior to enrollment. R: Open to undergraduate students in the College of Arts and Letters.

NEW   This course is focused on supporting Arts & Letters students in final career preparation efforts, such as job search strategies, interviewing tips, assessing work-life fit, and negotiation strategies. This includes reflection and articulation of relevant skills and experiences through the creation of professional documents, and portfolios.
Effective Fall 2022

JS 493   Jewish Studies Internship
Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. ~~R: Approval of department.~~ R: Approval of department. A student may earn a maximum of 3 credits

NEW   This course will provide practical experience applying Jewish Studies skills or Israel Studies skills in various professional experiences.
Request the use of the Pass-No Grade (P-N) system.
Effective Spring 2022

IAH 207A   Race and Identity in Film & Media (D)
Fall of every year. Spring of every year. Summer of even years. 4(2-3) P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement

NEW   The production of racial identity through film and other media. Approaches and materials from literature, philosophy, the arts, religion, and history. Selected themes and issues, variable by term.
Effective Fall 2022

FLT 885   Experiential Module in Foreign Language Teaching
Fall of every year. Spring of every year. Summer of every year. ~~2 to 5 credits.~~ 1 to 5 credits. A student may earn a maximum of 5 credits in all enrollments for this course. R: Open to graduate students in the Foreign Language Teaching Major or approval of department. Not open to students with credit in LLT 890.

Experience in foreign language teaching and learning. Action research, community outreach, immersion, program administration, professional seminar, teaching practicum, technology enhancement, or service learning.
~~Effective Fall 2021~~ Effective Fall 2022

LIN 838   Semantics and Pragmatics II
Fall of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: LIN 837 or approval of department

Empirical phenomena in semantics and pragmatics. Advanced systems of semantic interpretation.
~~Effective Fall 2021~~ Effective Fall 2022

LLT 362   Child Second Language Learning
Fall of every year. Spring of every year. 3(3-0) P: LIN 200 or LIN 401 or ENG 302 RB: Some familiarity with linguistic concepts.

REINSTATEMENT   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 Spring 2023

REL 102   Exploring Spirituality
Fall of even years. 3(3-0) R: Not open to seniors.

NEW   Transdisciplinary exploration of spirituality, including religiously-affiliated, faith-based, nature-oriented, experiential, and secular. Spirituality, appropriation, and transnational meanings.
Effective Fall 2022

REL 150   ~~Introduction to Biblical Literature~~
<u>Exploring Biblical Literature</u>
Fall of every year. 3(3-0) R: Not open to seniors.
A critical survey of biblical texts, including the Hebrew Bible, the New Testament, and writings found in the Apocrypha/Deuterocanon, that combines historical and literary analysis with attention to the ancient religious context of this literature.
~~Effective Spring 2015~~ <u>Effective Fall 2021</u>

REL 206   Spirituality, Belonging, and the Quest for Purpose
Spring of odd years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. ~~R: Not open to seniors.~~ <u>R: Not open to seniors. A student may earn a maximum of 6 credits</u>

NEW   Secular spirituality. Spiritual but not Religious. Spiritual practices, wellness, and mindfulness. Spirituality, meaning-making, and the cultivation of belonging. Spirituality and the Environment.
Effective Fall 2022

REL 345   Religions of South Asia
Spring of odd years. 3(3-0) P: Completion of Tier I Writing Requirement R: Not open to freshmen.

REINSTATEMENT   Historical, philosophical, and doctrinal development of Hinduism, Jainism, Buddhism, North Indian Islam, and Sikhism.
Effective Summer 2022

REL 420   Birth of Christianity (W)
Spring of every year. 3(3-0) P: Completion of Tier I Writing Requirement R: Not open to freshmen or sophomores.
~~The historical setting and types and meaning of the text of the New Testament explored through various techniques of historical, literary, and textual analysis.~~ <u>The setting of the New Testament and other early Christian literature explored through various techniques of historical and literary analysis.</u>
~~Effective Spring 2015~~ <u>Effective Fall 2022</u>

ROM 805   Topics in Critical Theory
Fall of every year. ~~Spring of every year.~~ ~~1(1-0)~~ <u>3(3-0)</u> ~~A student may earn a maximum of 3 credits in all enrollments for this course.~~ R: Approval of department.
Introduction to post-structuralist critical theory.
~~Effective Fall 2012~~ <u>Effective Fall 2022</u>

DAN 352   Dance Technique II
Spring of every year. 2(0-6) A student may earn a maximum of 6 credits in all enrollments for this course. ~~P: DAN 351~~ <u>R: Open to students in the Dance Minor and open to students in the Musical Theatre minor and open to students. Approval of department.</u>
> Dance technique for the intermediate dancer. Continued emphasis in development of the dancer with focus on efficiency and articulation of movement.
> SA: THR 352
> ~~Effective Summer 2008~~ <u>Effective Fall 2021</u>

DAN 451   Dance Technique III
Fall of every year. ~~2(0-6)~~ <u>3(0-6)</u> A student may earn a maximum of 6 credits in all enrollments for this course. ~~P: DAN 352 or approval of department~~ <u>R: Open to students in the Dance Minor and open to students in the Musical Theatre minor and open to students. Approval of department.</u>
> Dance technique for high intermediate to advanced dancer. Intensive practicum in selected dance genres that enhance the development of the dancer as a performing artist.
> SA: THR 451
> ~~Effective Summer 2008~~ <u>Effective Fall 2022</u>

DAN 452   Dance Technique IV
Spring of every year. ~~2(0-6)~~ <u>3(0-6)</u> A student may earn a maximum of 6 credits in all enrollments for this course. ~~P: DAN 451 or approval of department~~ <u>R: Open to students in the Dance Minor and open to students in the Musical Theatre minor and open to students. Approval of department.</u>
> Dance technique for the high intermediate to advanced dancer. Intensive practicum that continues to further enhance the development of the dancer artist.
> SA: THR 452
> ~~Effective Summer 2008~~ <u>Effective Fall 2022</u>

ELI BROAD COLLEGE OF BUSINESS

BUS 104   Introduction to Business; a Multicultural Experience
Fall of every year. 3(3-0) R: Open to freshmen in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Business - Admitted major or in the Business-Preference major.

NEW
> This course is a continuation of the Summer Business Institute (SBI). It offers an introduction to business and communication skills necessary to compete successfully in a globally diverse environment. This course will provide the student with a broad background about the modern business world. The unique aspect to this class is that it focuses on transitional issues related to college and offers a foundation for success in business and beyond. Cultural Diversity is also a unique element to this class in that students will learn how to effectively work and thrive in a multicultural environment.
> Effective Fall 2022

BUS 109   Introduction to Business in a Digital Society
Fall of every year. 3(3-0) R: Open to freshmen or sophomores.

NEW
> A multidisciplinary approach introducing students to the world of business. The course blends the following interrelated topics: 1.What is business, what do businesses do, and what does it mean to be business literate? 2.What is the digital society, blockchain, industrial internet, and how are artificial intelligence, machine learning, deep learning, augmented reality, and virtual reality used in business? 3.How do business leaders stay relevant in a global marketplace? 4.The role of business in a digital society 5.Business leaders' personal and professional responsibilities.
> Effective Fall 2022

FI 321   Theory of Investments
Fall of every year. Spring of every year. 3(3-0) ~~P: FI 311 or FI 320~~ P: FI 311 or FI 311H or FI 320 ~~R: Open to juniors or seniors in the Actuarial Science Major or in the Actuarial Science Minor or in the Economics Major.~~ R: Open to juniors or seniors in the Financial Planning and Wealth Management Minor or in the Actuarial Science Major or in the Actuarial Science Minor or in the Economics Major and not open to students in the Accounting major or in the Management Major or in the Marketing Major or in the Supply Chain Management Major or in the Finance Major. Not open to students with credit in FI 312.

> Theoretical analysis of common stocks, bonds, options and futures. Tradeoff between risk and return, market efficiency, efficient portfolios and CAPM. Cash flow evaluation and option evaluation.
> ~~Effective Spring 2021~~ Effective Fall 2022

FI 370   Introduction to Financial Planning and Wealth Management
Fall of every year. 3(3-0) ~~P: FI 311~~ P: FI 311 or FI 311H or FI 320 ~~R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad Graduate School of Management.~~ R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad Graduate School of Management and open to students in the Financial Planning and Wealth Management Minor.

> Techniques used to develop and implement comprehensive plans to achieve a person's overall financial objectives. Budgeting, liability management, investing, tax planning, risk management, employee benefits, retirement planning, and estate planning.
> ~~Effective Fall 2020~~ Effective Fall 2022

FI 460   Estate and Income Tax Planning
Fall of every year. 3(3-0) P: FI 370 or concurrently ~~R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad Graduate School of Management.~~ R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Financial Planning and Wealth Management Minor. ~~C: FI 370 concurrently.~~

> Estate planning and income tax planning issues for the financial planner and wealth management advisor.
> ~~Effective Spring 2021~~ Effective Fall 2022

FI 470   Advanced Financial Planning and Wealth Management
Spring of every year. 3(3-0) ~~P: FI 370~~ P: FI 370 and FI 380 and FI 460 ~~R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad Graduate School of Management.~~ R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad Graduate School of Management and open to students in the Financial Planning and Wealth Management Minor.

> ~~Advanced estate, tax and retirement planning. Client management, planning tools and software applications. Creation of a comprehensive financial plan.~~ Capstone course focused on all aspects of financial planning, Client management, planning tools and software applications. Creation of a comprehensive financial plan.
> ~~Effective Fall 2020~~ Effective Fall 2022

FI 475   Behaviorial Finance
Spring of every year. 3(3-0) P: FI 312 or FI 321 or approval of department R: Open to students in the Eli Broad College of Business and The Eli Broad Graduate School of Management and open to students in the Financial Planning and Wealth Management Minor and open to students in the Insurance and Risk Management Minor.

NEW

> At times, financial decisions deviate from the paradigm of rational decision-making, yet conform to a range of cognitive and psychological biases. Behavioral finance studies the reasons why various participants in financial markets engage in such decision-making and the related consequences for market prices, investor performance, and corporate decision-making. Solid understanding of behavioral finance has become crucial for developing a thorough understanding of modern finance.
> Effective Spring 2023

FI 480   Financial Risk Management
Spring of every year. 3(3-0) ~~P: (FI 311 or FI 320) and (STT 200 or STT 201 or STT 231 or STT 315 or STT 351 or STT 421 or STT 441) and FI 380~~ P: (FI 311 or FI 320) and (STT 200 or STT 201 or STT 231 or STT 315 or STT 351 or STT 421 or STT 441) RB: Knowledge of calculus is recommended but not required. ~~R: Open to students in the Insurance and Risk Management Minor or approval of department.~~ R: Open to students in the Finance Major and open to students in the Insurance and Risk Management Minor or approval of department.

     Ways in which risks are quantified and managed by financial institutions. Nature of financial institutions and their regulation, the Basel Accords, coherent risk measures, value at risk, copulas, credit risk, operational risk, liquidity risk, and the financial crisis of 2007.
     ~~Effective Spring 2020~~ Effective Fall 2022

FI 481   ~~Crises, Insurance, and Risk Management~~
Advanced Enterprise Risk Management and Industry Applications
~~Fall of every year.~~ Spring of every year. 3(3-0) ~~P: (FI 311 or FI 320) and (STT 200 or STT 201 or STT 231 or STT 315 or STT 351 or STT 421 or STT 441)~~ P: (FI 311 or FI 320) and (STT 200 or STT 201 or STT 231 or STT 315 or STT 351 or STT 421 or STT 441) and FI 380 R: Open to students in the Insurance and Risk Management Minor or approval of department.

     ~~Various crises, including financial crises, and natural and man-made disasters. Repercussion of such crises on financial industry and insurance -regulations on the structures of the financial and insurance industries and on the products offered and on the pricing of these products.~~ FI 481 serves as the capstone course for the Insurance & Risk Management minor. Macro risk and crisis management topics are discussed, including system-wide real and financial crises and how businesses manage these crises. Discussion of comprehensive risk and structural topics applicable to the financial and insurance industry. Advanced risk management topics and techniques.
     ~~Effective Fall 2018~~ Effective Fall 2022

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.
NEW   Current and emerging issues in finance to supplement and enrich existing courses.
     Individual course sections of FI 492 do not count toward the FI major.
     Effective Fall 2022

FI 830   Introduction to Financial Planning and Wealth Management
Fall of every year. Spring of every year. 3(3-0) P: FI 801 ~~R: Open to students.~~ R: Open to students in the Financial Planning and Wealth Management Major and open to students in the Financial Planning and Wealth Management Graduate Certificate. Not open to students with credit in FI 370.
     Techniques used to develop and implement comprehensive plans to achieve a person's overall financial objectives. Budgeting, debt management, investing, tax planning, risk management, employee benefits, retirement planning, and estate planning.
     ~~Effective Spring 2021~~ Effective Fall 2022

FI 832   Principles of Insurance and Risk Management
Fall of every year. Spring of every year. 3(3-0) P: FI 801 R: Open to students in the Financial Planning and Wealth Management Major and open to students in the Financial Planning and Wealth Management Graduate Certificate. Not open to students with credit in FI 380.
     Techniques for measuring and managing risk. Pure risks related to mortality, health-related expenses, property damage, and product liability. Management techniques studied include risk assumption, prevention, diversification, and transfer via insurance and non-insurance market mechanisms.
     ~~Effective Spring 2021~~ Effective Fall 2022

FI 836 Estate and Income Tax Planning
Fall of every year. Spring of every year. 3(3-0) P: FI 801 <u>R: Open to students in the Financial Planning and Wealth Management Major and open to students in the Financial Planning and Wealth Management Graduate Certificate.</u> Not open to students with credit in FI 480.
   Issues in estate planning and income tax planning for the financial planner and wealth management advisor.
   ~~Effective Spring 2021~~ <u>Effective Fall 2022</u>

FI 838 Advanced Financial Planning and Wealth Management
Fall of every year. Spring of every year. 3(3-0) P: FI 801 and FI 830 and FI 832 and FI 836 <u>R: Open to students in the Financial Planning and Wealth Management Major and open to students in the Financial Planning and Wealth Management Graduate Certificate.</u> Not open to students with credit in FI 470.
   Advanced retirement planning, client management, planning tools and software applications. Case-based capstone course resulting in the creation of a comprehensive financial plan.
   ~~Effective Spring 2021~~ <u>Effective Fall 2022</u>

FI 844 Corporate Financial Strategies
Fall of every year. 1 to 3 credits. ~~P: MBA 832 or approval of department~~ <u>P: MBA 822 or approval of department</u> RB: FI 851 or FI 845 R: Open to MBA students or approval of department.
   Applying financial strategies to managerial decision making.
   ~~Effective Fall 2013~~ <u>Effective Fall 2022</u>

FI 845 Financial Modeling and Simulation I
Fall of every year. Spring of every year. 1 to 3 credits. ~~P: MBA 832 or approval of department~~ <u>P: MBA 822 or approval of department</u> RB: FI 851 R: Open to master's students in the Finance Major and open to MBA students or approval of department.
   Applications of financial theory through computer modeling. Financial forecasting, cash flow modeling, and valuation.
   ~~Effective Fall 2018~~ <u>Effective Fall 2022</u>

FI 847 Corporate Strategies and Risk Management
Fall of every year. 1 to 3 credits. ~~P: FI 844~~ <u>P: MBA 822 or approval of department</u> RB: FI 845 and FI 851 R: Open to master's students in the Finance Major and open to MBA students or approval of department.
   Identifying corporate strategies to help manage business, financing, and competitive risks. Case studies.
   ~~Effective Fall 2013~~ <u>Effective Fall 2022</u>

FI 850 Introduction to Investments I
Spring of every year. 1 to 3 credits. ~~P: MBA 832 or approval of department~~ <u>P: MBA 822 or approval of department</u> R: Open to master's students in the Finance Major and open to MBA students or approval of department.
   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.
   ~~Effective Fall 2013~~ <u>Effective Fall 2022</u>

FI 853 Debt and Money Instruments and Markets
Fall of every year. 1 to 3 credits. ~~P: MBA 832 and FI 851 or approval of department~~ <u>P: FI 851 or approval of department</u> R: Open to master's students in the Finance Major and open to MBA students or approval of department.
   Fixed-income security markets. Valuation of traded instruments.
   ~~Effective Fall 2013~~ <u>Effective Fall 2022</u>

FI 859 Mergers and Acquisitions
Fall of every year. 1 to 3 credits. ~~P: MBA 832 or FI 801~~ 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 2018~~ Effective Fall 2022

FI 860 Multinational Corporate Finance
Fall of every year. 1 to 3 credits. ~~P: MBA 832 or approval of department~~ 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.
  Corporate financial management in a multinational setting.
  ~~Effective Fall 2013~~ Effective Fall 2022

FI 861 International Financial Markets and Risk Management
Fall of every year. 1 to 3 credits. ~~P: MBA 832 or approval of department~~ P: MBA 822 or approval of department R: Open to master's students in the Finance Major and open to MBA students.
  Financial investments and risk management in a multinational setting.
  ~~Effective Fall 2013~~ Effective Fall 2022

FI 862 Corporate Strategy Valuation
Spring of every year. 1 to 3 credits. ~~P: MBA 832 or approval of department~~ 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.
  Measuring and managing the valuation of corporate strategies.
  ~~Effective Fall 2013~~ Effective Fall 2022

FI 863 Corporate Restructuring and Governance
Fall of every year. 1 to 3 credits. ~~P: (MBA 832 or FI 801) and FI 859~~ P: (FI 859 or approval of department) and FI 859 R: Open to master's students in the Finance Major and open to MBA students.
  Provides a broad overview of mergers, corporate restructuring, divestitures and bankruptcy from the finance perspective.
  ~~Effective Fall 2018~~ Effective Fall 2022

FI 865 Corporate Real Options Valuation
Spring of every year. 1 to 3 credits. ~~P: MBA 832 or approval of department~~ P: MBA 822 or approval of department R: Open to master's students in the Finance major and open to MBA students.
  Application of the real options methodology to analyze practical problems in corporate finance.
  ~~Effective Fall 2013~~ Effective Fall 2022

FI 869 Entrepreneurial Finance and Venture Capital
Spring of every year. 1 to 3 credits. ~~P: MBA 832 or FI 801~~ P: MBA 822 R: Open to master's students in the Finance major and open to MBA students.
  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.
  ~~Effective Fall 2013~~ Effective Fall 2022

FI 870 Venture Capital and Private Equity
Spring of every year. 1 to 3 credits. ~~P: (MBA 832 or FI 801) and FI 860~~ P: FI 859 or approval of department R: Open to master's students in the Finance major and open to MBA students or approval of department.
  Advanced topics in the financing of entrepreneurial startups, venture capital and private equity. Valuation for entrepreneurial startups, venture capital and private equity, and institutions. Corporate venture capital. Venture capital investing and fundraising. Private equity investments. Sale of venture capital-backed entrepreneurial firms, and initial public equity offerings.
  ~~Effective Fall 2013~~ Effective Fall 2022

FI 875   Behaviorial Finance I
   Spring of every year. 1 to 3 credits. P: FI 850 or approval of department R: Open to graduate
   students in the Business - Admitted major.
NEW   At times, financial decisions deviate from the paradigm of rational decision-making, yet
       conform to a range of cognitive and psychological biases. Behavioral finance studies the
       reasons why various participants in financial markets engage in such decision-making and
       the related consequences for market prices, investor performance, and corporate
       decision-making. Solid understanding of behavioral finance has become crucial for
       developing a thorough understanding of modern finance.
       Effective Spring 2023

FI 876   Behavioral Finance II
   Spring of every year. 1 to 3 credits. P: FI 875 or approval of department R: Open to graduate
   students in the Business - Admitted major.
NEW   At times, financial decisions deviate from the paradigm of rational decision-making, yet
       conform to a range of cognitive and psychological biases. Behavioral finance studies the
       reasons why various participants in financial markets engage in such decision-making and
       the related consequences for market prices, investor performance, and corporate
       decision-making. Solid understanding of behavioral finance has become crucial for
       developing a thorough understanding of modern finance.
       Effective Spring 2023

MKT 327 Introduction to Marketing
   Fall of every year. Spring of every year. Summer of every year. 3(3-0) ~~R: Open to juniors or seniors and not open to students in the Accounting major or in the Business - Admitted major or in the Business-Preference major or in the Finance Major or in the Human Resource Management Major or in the Management Major or in the Supply Chain Management Major or in the Marketing Major.~~ <u>R: Open to juniors or seniors or sophomores and not open to students in the Accounting major or in the Business - Admitted major or in the Business-Preference major or in the Finance Major or in the Human Resource Management Major or in the Management Major or in the Supply Chain Management Major or in the Marketing Major.</u> ~~Not open to students with credit in MKT 300 or HB 375.~~ <u>Not open to students with credit in HB 375 or MKT 300.</u>
       Buyer behavior, segmentation, positioning, demand analysis, information, pricing,
       promotion, channels, product policies, and ethics in consumer, reseller, industrial, and
       service markets.
       SA: MSC 327
       ~~Effective Fall 2020~~ <u>Effective Fall 2022</u>

MKT 878 The Customer-Centric Organization
   Fall of every year. Spring of every year. Summer of every year. 2(2-0) R: Approval of department.
NEW   The characteristics of and steps necessary in becoming a customer-centric organization,
       and the roles that vision, mission, values, leadership alignment, and effective customer
       experience governance play in that process.
       Effective Summer 2022

MKT 879 Organizational Development and Change
   Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 878 R: Approval of
   department.
NEW   The process in which an organization changes its structure, strategies, operational
       methods, technologies and organizational culture and climate to become more customer-
       centric.
       Effective Summer 2022

MKT 880 Consumer Decision Making and Behavior
   Fall of every year. Spring of every year. Summer of every year. 2(2-0) R: Approval of department.
NEW   Consumer decision making and behavior applies concepts, theories, and principles from
       the various behavioral sciences to understand factors influencing the acquisition,
       consumption, and evaluation of customer experiences and relationships with experience
       providing organizations.
       Effective Summer 2022

MKT 881   Qualitative Research
                 Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 880 R: Approval of
                 department.
NEW   Qualitative research methods for understanding customer and employee needs, desires,
                          and the factors inhibiting an organization's ability to deliver on them.
                          Effective Summer 2022

MKT 883   Qualitative Data Synthesis and Analysis
                 Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 881 R: Approval of
                 department.
NEW   Tools and techniques to synthesize and analyze qualitative data relative to the customer
                          and employee and their journeys, including jobs to be done, empathy mapping, customer
                          personas, and journey mapping.
                          Effective Summer 2022

MKT 885   Experience Analytics
                 Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 883 R: Approval of
                 department.
NEW   Tools and techniques to identify and rectify underlying processes, behaviors, and
                          technologies that inhibit an organization's ability to effectively deliver a positive
                          experience.
                          Effective Summer 2022

MKT 886   Human Centered Design and Innovation
                 Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 885 R: Approval of
                 department.
NEW   Adopting an empathic and solutions-based process, mindset, and approach to creative
                          problem solving and design.
                          Effective Summer 2022

MKT 887   Customer Experience Strategy
                 Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 886 R: Approval of
                 department.
NEW   Focus on key business outcomes and metrics and the development and alignment of
                          customer experience strategies with them.
                          Effective Summer 2022

MKT 888   Customer Experience Design
                 Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 887 R: Approval of
                 department.
NEW   Utilizing personas, journey maps, storyboards, and service design tools in creating
                          impactful customer experiences in the physical and digital realms.
                          Effective Summer 2022

MKT 889   Digital Customer Experience Design
                 Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 888 R: Approval of
                 department.
NEW   Addresses the unique aspects of the online user experience and design of the digital
                          experience.
                          Effective Summer 2022

MKT 892   The Employee Experience
                 Fall of every year. Spring of every year. Summer of every year. 2(2-0) R: Approval of department.
NEW   Addresses the recruitment, selection, onboarding, and socialization of employees in
                          customer-centric organizations.
                          Effective Summer 2022

MKT 893 Employee Engagement
     Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 892 R: Approval of department.
NEW   Theories and principles of employee engagement, motivation, leadership, and internal communication.
       Effective Summer 2022

MKT 895 Customer Relationship Management
     Fall of every year. Spring of every year. Summer of every year. 2(2-0) R: Approval of department.
NEW   Examines the lifetime value of the customer, customer experience lifecycle, and managing customer relationships over time.
       Effective Summer 2022

MKT 896 Measuring the Experience
     Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 888 R: Approval of department.
NEW   Developing effective Voice of the Customer (VoC) and Voice of the Employee (VoE) systems.
       Effective Summer 2022

MKT 897 Data Analysis, Integration and Visualization
     Fall of every year. Spring of every year. Summer of every year. 2(2-0) P: MKT 896 R: Approval of department.
NEW   The centralized analysis, integration and visualization of data for use in customer and employee experience decision making.
       Effective Summer 2022

SCM 465 Applying a Lean Methodology to Drive Organizational Efficiency
     On Demand. 1(1-0) P: SCM 372 or concurrently R: Open to juniors or seniors in the Department of Supply Chain Management.
NEW   Advanced aspects of supply continuity and supply risk, environmentally friendly manufacturing, total quality management, supply chain metrics, electronic markets, relationship management, interfaces with research and development, innovation and other current issues in supply chain management.
       Effective Spring 2022

SCM 865 Applying a Lean Methodology to Drive Organizational Efficiency
     On Demand. 1(1-0) R: Open to MBA students.
NEW   Advanced aspects of supply continuity and supply risk, environmentally friendly manufacturing, total quality management, supply chain metrics, electronic markets, relationship management, interfaces with research and development, innovation and other current issues in supply chain management.
       Effective Spring 2022

COLLEGE OF COMMUNICATION ARTS AND SCIENCES

ADV 431 Monitoring and Measuring Social Media of Brands
     Fall of every year. ~~Detroit, Detroit, Detroit~~ Spring of every year. ~~Detroit, Detroit, Detroit~~ 3(3-0) ~~P: ADV 420 R: Open to students in the Department of Advertising and Public Relations or in the Sports Business Management Minor.~~ R: Open to students in the Department of Advertising and Public Relations or in the Department of Communication or in the Sports Business Management Minor.
      Social media monitoring and analysis for businesses and brands including advanced keyword building and search techniques. Discovering business insights through social media listening and applying insights through a social media response plan.
      ~~Effective Fall 2017~~ Effective Spring 2022

ADV 432   Digital Media Planning and Buying
Fall of every year. ~~Detroit, Detroit, Detroit~~ Spring of every year. ~~Detroit, Detroit, Detroit~~ 3(3-0) ~~P: ADV 420~~ <u>P: ADV 205 and MKT 327</u> R: Open to students in the Department of Advertising and Public Relations.
        Media planning and buying for web-based business applications. Budget-building, media mix recommendations, performance analysis, and support for business decisions.
        ~~Effective Fall 2015~~ <u>Effective Spring 2022</u>

ADV 433   Internet Video Promotion Strategy
Fall of every year. ~~Detroit, Detroit, Detroit~~ Spring of every year. ~~Detroit, Detroit, Detroit~~ 3(3-0) ~~P: ADV 420~~ <u>P: ADV 205 and MKT 327</u>
        Promotional video production focusing on brands or companies. Use of metrics and analytical tools to determine impact of promotional video. Video distribution strategies.
        ~~Effective Fall 2015~~ <u>Effective Spring 2022</u>

ADV 455   Intensive Portfolio Workshop
Summer of every year. 1 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. P: ADV 322 and ADV 326 and ADV 354 R: Open to juniors or seniors. Approval of department; application required.
        Create portfolio works across various platforms (print and screen) that meet current industry standards. Teams of student art directors and copywriters collaborate to generate advertising solutions.
        <u>DELETE COURSE</u>
        Effective Fall 2022

ADV 493   ~~Advertising and Public Relations Internship~~
<u>Advertising Internship</u>
Fall of every year. Spring of every year. Summer of every year. ~~1 to 12 credits.~~ <u>1 to 15 credits.</u> ~~A student may earn a maximum of 12 credits in all enrollments for this course.~~ <u>A student may earn a maximum of 15 credits in all enrollments for this course.</u> P: ADV 205 R: Open to undergraduate students in the Department of Advertising and Public Relations. Approval of department; application required.
        Supervised experience in a professional environment.
        Request the use of the Pass-No Grade (P-N) system.
        ~~Effective Spring 2018~~ <u>Effective Fall 2022</u>

UX 800   User Research and Design
Fall of every year. Spring of every year. 3(3-0) R: Open to master's students in the Department of Media and Information. Approval of department.
NEW   History and overview of user research and user experience as a profession. Methods for understanding the needs and experiences of potential users of new technologies, and translating those into realistic design ideas, suggestions, and requirements that can serve as a basis for the creation of new technologies. Low-fidelity prototyping, gathering initial user feedback, and iterating on design ideas.
        Effective Fall 2022

UX 802   Current Topics in UX
On Demand. 3(3-0) R: Open to master's students in the Department of Media and Information. Approval of department.
NEW   Cultural, technological, and design evolution of UX/UI. Critical examination of empirical research concerning social impacts of UX/UI. Focus on special issues and considerations related to new user interface modalities and application areas.
        Effective Fall 2022

UX 805   Quantitative Analysis and Insights for UX
Fall of every year. 3(3-0) P: UX 800 or concurrently R: Open to master's students in the Department of Media and Information. Approval of department.
NEW   Appropriate statistical models for UX research questions. Bivariate and multivariate techniques including various types of regression models to investigate and answer research questions in the field UX and communicate these quantitative results to both technical and nontechnical audiences. Data cleaning and manipulation.
        Effective Fall 2022

UX 810   Social Science for Design
                Fall of every year. 3(3-0) P: UX 800 or concurrently R: Open to master's students in the
                Department of Media and Information. Approval of department.
NEW   Social science theories and concepts important for designing systems and user interfaces
                          that people will be able to use efficiently, effectively and enjoyably.
                          Effective Fall 2022

UX 815   Programming Fundamentals for UX
                Spring of every year. 3(3-0) P: UX 800 or concurrently R: Open to master's students in the
                Department of Media and Information. Approval of department.
NEW   Fundamentals of programming in a team environment. Basic foundations in how to write
                          computer programs, work with others to program computers, and move beyond simple
                          programs to large-scale, professional software development.
                          Effective Spring 2023

UX 820   Usability Evaluation
                Spring of every year. 3(3-0) P: UX 800 or concurrently R: Open to master's students in the
                Department of Media and Information. Approval of department.
NEW   Plan, conduct, analyze, and report on usability evaluations of technology interfaces,
                          products and applications, using methods that incorporate human participants and those
                          without.
                          Effective Spring 2023

UX 825   Visual Design Fundamentals
                Summer of every year. 3(3-0) P: UX 800 or concurrently R: Open to master's students in the
                Department of Media and Information. Approval of department.
NEW   Visual design software and processes, including aesthetics of typography, color, and
                          iconography for user interfaces.   Offered first half of semester.
                          Effective Summer 2023

UX 830   Design for Interactivity
                Summer of every year. 3(3-0) P: UX 800 or concurrently R: Open to master's students in the
                Department of Media and Information. Approval of department.
NEW   Process of designing and implementing interactive computing systems.   Offered first half
                          of semester.
                          Effective Summer 2023

UX 835   Accessibility and Design
                Summer of every year. 3(3-0) P: UX 800 or concurrently R: Open to master's students in the
                Department of Media and Information. Approval of department.
NEW   Designing, developing, and evaluating inclusive technologies for all individuals with
                          different human abilities and disabilities.   Offered second half of semester.
                          Effective Summer 2023

UX 840   UX and Society
                Summer of every year. 3(3-0) P: UX 800 or concurrently R: Open to master's students in the
                Department of Media and Information. Approval of department.
NEW   Develop core understanding and analysis techniques of dominant theories that situate
                          technology in society across fields of Human Computer Interaction, Science & Technology
                          Studies and Computer Supported Cooperative Work.   Offered second half of semester.
                          Effective Summer 2023

UX 898   UX Capstone
                Fall of every year. Spring of every year. Summer of every year. 3(3-0) R: Open to master's students
                in the Department of Media and Information. Approval of department.
NEW   Conduct team-based capstone project from initial idea through high-fidelity prototype.
                          Navigating project management, team-building, and budgeting in the context of UX design
                          and research. Developing portfolio.
                          Effective Summer 2023

COLLEGE OF EDUCATION

CEP 807   ~~Capstone in Educational Technology~~
<u>Capstone Seminar</u>
Fall of every year. Spring of every year. Summer of every year. 3(3-0) R: Open to master's students in the Educational Technology Major or approval of department.
> Culmination of the Master of Arts in Educational Technology degree experience. Assessment and synthesis of educational technology knowledge and skill development.
> ~~Effective Summer 2013~~ <u>Effective Spring 2022</u>

CEP 820   ~~Teaching Students Online~~
<u>Teaching and Learning Online</u>
Fall of every year. Spring of every year. Summer of every year. 3(3-0) ~~RB: CEP 810 and CEP 811 and CEP 812~~
> ~~Strategies for constructing and implementing online curricula aimed at students across the lifespan.~~ <u>Strategies, frameworks, models, and theories related to online teaching and learning applied to design and implementation of online learning experiences.</u>
> ~~Effective Summer 2013~~ <u>Effective Spring 2022</u>

EAD 364   Political Economy of Educational Opportunity
Fall of every year. Spring of every year. 3(3-0) RB: TE 201
NEW
> Macroeconomic policies, economic dynamics, and broader social structures outside of schools that shape the landscape of educational opportunity for students in the U.S.
> Effective Spring 2022