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

This report is prepared and distributed for the following purposes:

1. To report new academic programs, changes in academic programs, discontinuations of academic programs, new courses, permanent changes in courses, and deletions of courses.
2. To notify the initiating colleges, schools, and departments of approval by the University Committee on Curriculum of their requests for new academic programs, changes in academic programs, discontinuations of academic programs, new courses, permanent changes in courses, and deletions of courses. Any items not approved by the Faculty Senate will be reported to the appropriate college and department or school.
3. To provide information to members of the faculty in each department about academic programs and courses in all colleges, departments, and schools of the University.

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

PART I - NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES:

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

PART II - NEW COURSES:

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

PART III - COURSE CHANGES:

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

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

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

- P: = Prerequisite monitored in SIS
- C: = Corequisite
- R: = Restriction
- RB: = Recommended background
- SA: = Semester Alias
TO: Faculty Senate  
FROM: University Committee on Curriculum  
SUBJECT: New Academic Programs and Program Changes: New Courses and Course Changes

PART I - NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

1. Establish a Master of Science degree in Nutrition and Dietetics in the Department of Food Science and Human Nutrition. The University Committee on Graduate Studies (UCGS) approved this request at its March 12, 2018 meeting.

a. Background Information:

The dietetics programs at MSU have a long, rich history. The first related curriculum at MSU, called "Women's Course", was established in 1896 and incorporated the study of dietetics. The American Dietetic Association was established in 1917 and quickly established standards for dietetics education. In 1926, the College of Home Economics (later renamed the College of Human Ecology) met American Dietetic Association (ADA) qualifications by providing a bachelor's degree in home economics to students majoring in foods and nutrition, as well as an internship to work in a hospital or cafeteria.

The program continued to grow rapidly, particularly after World War II, to meet the increased demand for dietitians. Enrollment leveled off in the 1950s and 1960s, but grew again in the 1970s, reaching a high of 284 students in 1978, after dietetics was registered as an accredited profession. Another dramatic rise in dietetics student numbers at MSU occurred in the 2000s building to nearly 500 students, leading to a cap on student numbers beginning in 2007.

By the 1970s, the bachelor degree and dietetic internships were separate programs. Dietetic Internships were required to provide at least 900 hours of supervised practice and to achieve specified competencies. A shortage of internship slots, compared to the number of dietetics graduates, was and is a continuing concern. MSU's first development of an internship occurred as part of a Coordinated Undergraduate Program (CUP) from 1976 until the early 1980s. But the MSU CUP program fell victim to budget cuts in the 1980's when programs with small faculty-to-student ratios were eliminated.

The current MSU Dietetic Internship Program (MSU-DI) was instituted in Fall 1998. MSU's faculty, dietetics professionals at 17 facilities, and the American Dietetic Association collaborated on this project, resulting in accreditation in April 2000 by the Commission on Accreditation for Dietetics Education (CADE). The accrediting agency has since changed its name to the Accreditation Council for Education in Nutrition and Dietetics (ACEND). The American Dietetic Association also had a name change, now the Academy of Nutrition and Dietetics.

Full-time interns are based in either the Lansing/Jackson, Grand Rapids/Muskegon, or Macomb County areas of Michigan, with additional locations, such as the Traverse City area, used occasionally. Part-time WIC employee interns are based in WIC (Women, Infants, Children) agencies around Michigan, primarily in the southwest and western portions of the state and complete most of their rotations within a one-hour drive from their WIC office. Rotation sites for interns include large metropolitan hospitals, community hospitals, public health departments, WIC agencies, public school districts, MSU Extension offices, and many other sites throughout Michigan.
Interns typically live in the city where their major clinical and foodservice rotation is located, which is why this degree is being developed as a hybrid program rather than a traditional on-campus degree. The internship currently utilizes over 60 different facilities as supervised practice sites, and at these sites there are over 150 preceptors involved with the MSU DI. The minimum number of supervised practice hours required is now 1200.

In July 2017, both the MSU dietetics undergraduate program and the MSU Dietetic Internship were granted continued full accreditation by ACEND.

The Commission on Dietetic Registration (CDR) has mandated that, starting on January 1, 2024, every individual sitting for the Registration Examination for Dietitian Nutritiologists must have a minimum of a master's degree. The MSU Dietetic Internship (DI) plans to combine a Master of Science degree along with the internship beginning in Spring 2019 in order to meet the CDR requirement. Because of the geographic distribution of the interns participating in the MSU DI, a hybrid, practice-based, graduate program is an ideal fit.

b. Academic Programs Catalog Text:

The Master of Science Degree in Nutrition and Dietetics is a practice-based program designed for students who are concurrently completing the Dietetic Internship program at Michigan State University. The program includes a supervised practice component of the Dietetic Internship at arranged sites in Michigan and online course work in research methods, advanced clinical nutrition, statistics, and seminars. The program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). In addition to supervised practice planned to result in competencies enumerated by the accrediting council, the program provides students with opportunities to engage in applied research and further acquisition of professional skills. Upon completion of the program and conferral of the master’s degree, students may sit for the Registration Examination for Dietitian Nutritiologists.

In addition to meeting the requirements of the University as described in the Graduate Education section of this catalog, students must meet the requirements specified below.

Admission

The MSU Dietetic Internship participates in an online Dietetic Internship Centralized Application System (DICAS). An admissions committee of MSU faculty and preceptors reviews applications and prepares a ranked list of approved applicants. An independent matching process is used to fill slots in internships nationwide based on the priority rankings of both applicants and internships. The applicants matched to the MSU internship then apply to the MSU graduate program.

To be considered for admission to the Master of Science degree in Nutrition and Dietetics, an applicant must:

1. have a Verification Statement from an ACEND-accredited Didactic Program in Dietetics (DPD);
2. complete a dietetic internship application through the Dietetic Internship Central Application Service (DICAS), which includes a personal statement, resume, three letters of reference, and transcripts from all colleges and universities attended;
3. have a prior DPD and overall grade point average of 3.0 or higher;
4. complete the MSU application for graduate studies.

Requirements for the Master of Science Degree in Nutrition and Dietetics

The program is available under Plan B (without thesis). The student must complete a total of 30 credits distributed as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HNF 823</td>
<td>Research Methods in Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HNF 832</td>
<td>Advanced Clinical Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HNF 892</td>
<td>Nutrition Seminar</td>
<td>2</td>
</tr>
<tr>
<td>HNF 894</td>
<td>Human Nutrition Practicum</td>
<td>6</td>
</tr>
</tbody>
</table>
PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

HNF 898 Master's Project 4
NUR 804 Statistics for the Healthcare Professional 3

2. A minimum of 9 credits in one or more focus areas selected in consultation with the student's faculty advisor.

3. Completion of a final project/case study and evaluation, including a formal presentation by the student on a topic approved by the internship director and faculty advisor.

Effective Spring 2019.

RESIDENTIAL COLLEGE IN THE ARTS AND HUMANITIES

1. Change the requirements for the Bachelor of Arts degree in the Arts and Humanities in the Residential College in the Arts and Humanities.

a. Under the heading Requirements for the Bachelor of Arts Degree in the Residential College in the Arts and Humanities make the following changes:

(1) In item 1., change paragraph three to the following:

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

(2) In item 2. a., make the following changes:

(a) Change the total credits from '28' to '32'.

(b) Delete the following courses:

RCAH 192 Proseminar 3
RCAH 291 Arts Workshops 4
RCAH 292A Engagement Proseminar 2
RCAH 380 Third-Year Tutorial 3

Add the following courses:

RCAH 150 Introduction to the Arts and Humanities 4
RCAH 215 Introduction to Theory and Methods in the Arts 4
RCAH 225 Introduction to Community Engagement 4
RCAH 235 Introduction to Language and Culture Studies 4

(3) Delete items 2. b., 2. c., 2. d., and 2. e. and replace with the following:

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

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

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

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

**Humanities Pathway**
The following course:
RCAH 345 Methods in the Humanities 4

Two enrollments in the following course:
RCAH 346 Topics in Humanities 6

c. Complete 6 to 8 credits in any of the following courses not used to fulfill item b.:
RCAH 315 Methods in the Arts 4
RCAH 316 Topics in the Arts 3
RCAH 325 Methods in Community Engagement 4
RCAH 326 Topics in Community Engagement 3
RCAH 335 Methods in Language and Culture 4
RCAH 336 Topics in Language and Culture 3
RCAH 345 Methods in the Humanities 4
RCAH 346 Topics in Humanities 3
d. A minimum of 9 credits at the 300-level or above taken outside of RCAH chosen in consultation with the student's academic advisor.
e. Completion of a minimum 50-hour volunteer or paid experiential learning opportunity. This requirement can be satisfied with one of the following options in the junior or senior year.
   (1) An approved internship
   (2) An approved undergraduate research, creative, or community engagement project directed by a faculty member through enrollment in RCAH 450 (1 to 4 credits)
   (3) An approved study abroad/study away with at least one course at the 300-400 level.
   (4) Delete items 2. g. and 2. h. and replace with the following:

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

   h. Students must attend 12 separate sessions of the College Colloquium, with 6 of those sessions occurring in the first year of the student’s major with in the Residential College in the Arts and Humanities.

Effective Fall 2019.

COLLEGE OF ARTS AND LETTERS

1. Delete the curriculum and degree requirements for the Graduate Specialization in Ethics and Development in the Department of Philosophy. The University Committee on Graduate Studies (UCGS) provided consultative commentary to the Provost after considering this request. The Provost made the determination to discontinue the program after considering the consultative commentary from the University Committee on Graduate Studies.

No new students are to be admitted to the program effective Summer 2015. No students are to be readmitted to the program effective Summer 2015. Effective Spring 2018, coding for the program will be discontinued and the program will no longer be available in the Department of Philosophy. Students who have not met the requirements for the Graduate Specialization in Ethics and Development through the Department of Philosophy prior to Spring 2018 will have to change their specialization.
2. Change the requirements for the Minor in Musical Theatre in the Department of Theatre.
   
a. Under the heading Requirements for the Minor in Musical Theatre replace the entire entry with the following:

   Complete 19 credits from the following:
   
   1. All of the following courses (13 credits):
      
      THR 101 Acting I       3
      THR 202L Voice Studio I Laboratory     4
      THR 204 Topics in Acting/Directing I     2
      THR 304 Topics in Acting/Directing II    2
      THR 495 Musical Theatre Workshop     2
      Students should enroll in the appropriate topic for THR 204 and 304 as directed by the academic advisor.

   2. A minimum of 6 credits from the following courses:
      
      DAN 251 Introduction to Dance     2
      DAN 351 Dance Technique I     2
      DAN 352 Dance Technique II     2
      DAN 451 Dance Technique III     2
      DAN 452 Dance Technique IV     2

   Effective Spring 2019.

3. Change the name of the Bachelor of Arts degree in Professional Writing to Professional and Public Writing in the Department of Writing, Rhetoric and American Cultures.

   Students admitted to the major prior to Fall 2019 will be awarded a Bachelor of Arts Degree in Professional Writing.

   Students admitted to the major Fall 2019 and forward will be awarded a Bachelor of Arts Degree in Professional and Public Writing.

   Effective Fall 2019.

4. Change the requirements for the Bachelor of Arts degree in Professional and Public Writing in the Department of Writing, Rhetoric and American Cultures.

   a. Under the heading Requirements for the Bachelor of Arts Degree in Professional and Public Writing replace item 3. with the following:

   a. All of the following courses (16 credits):
      
      WRA 202 Introduction to Professional and Public Writing  3
      WRA 260 Rhetoric, Persuasion, and Culture     3
      WRA 325 Writing and Multimodality     3
      WRA 360 Visual Rhetoric      4
      WRA 455 Portfolio Seminar     3
      
   b. Completion of a set of courses oriented toward a theme in the major (12 to 15 credits minimum).
      Students may obtain a list of example themes and courses from the program academic advisor. Themes vary and are determined in consultation with the program’s academic advisor.

   c. Completion of elective courses meant to complement and extend the student’s chosen theme. An internship for credit is strongly recommended in the major.
      Courses used to fulfill requirement b. above may not be used to fulfill this elective requirement (3 to 6 credits):
      
      WRA 210 Introduction to Web Authoring     3
      WRA 211 Documentary History and Theory     3
      WRA 214 Social Media and the Start-up     3
      WRA 225 Introduction to Composing for Digital Video     3
      WRA 290 Independent Study     3
      WRA 291 Special Topics     3
      WRA 308 Invention in Writing     3
PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRA 311</td>
<td>Introduction to Documentary Production</td>
<td>3</td>
</tr>
<tr>
<td>WRA 320</td>
<td>Technical Communication (W)</td>
<td>3</td>
</tr>
<tr>
<td>WRA 330</td>
<td>Writing Research in Communities and Cultures</td>
<td>3</td>
</tr>
<tr>
<td>WRA 331</td>
<td>Writing in the Public Interest (W)</td>
<td>3</td>
</tr>
<tr>
<td>WRA 345</td>
<td>Topics in Writing</td>
<td>3</td>
</tr>
<tr>
<td>WRA 350</td>
<td>Sound Writing and Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>WRA 355</td>
<td>Writing for Publication Workshop</td>
<td>3</td>
</tr>
<tr>
<td>WRA 370</td>
<td>Introduction to Grammar and Editing (W)</td>
<td>3</td>
</tr>
<tr>
<td>WRA 395</td>
<td>Writing Center Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>WRA 401</td>
<td>Rhetoric, Leadership, and Innovation</td>
<td>3</td>
</tr>
<tr>
<td>WRA 410</td>
<td>Advanced Web Authoring</td>
<td>3</td>
</tr>
<tr>
<td>WRA 411</td>
<td>Collaborative Documentary Design and Production (W)</td>
<td>3</td>
</tr>
<tr>
<td>WRA 415</td>
<td>Digital Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>WRA 420</td>
<td>Content Strategy</td>
<td>3</td>
</tr>
<tr>
<td>WRA 441</td>
<td>Social Justice as Rhetorical Practice</td>
<td>3</td>
</tr>
<tr>
<td>WRA 453</td>
<td>Grant and Proposal Writing</td>
<td>3</td>
</tr>
<tr>
<td>WRA 471</td>
<td>Rhetoric of Grammar</td>
<td>3</td>
</tr>
<tr>
<td>WRA 480</td>
<td>Publication Management</td>
<td>3</td>
</tr>
<tr>
<td>WRA 482</td>
<td>Information and Interaction Design</td>
<td>3</td>
</tr>
<tr>
<td>WRA 483</td>
<td>Community Publishing</td>
<td>3</td>
</tr>
<tr>
<td>WRA 484</td>
<td>Ethics in Writing</td>
<td>3</td>
</tr>
<tr>
<td>WRA 490</td>
<td>Independent Study</td>
<td>1 to 6</td>
</tr>
<tr>
<td>WRA 491</td>
<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>WRA 493</td>
<td>Internship in Professional or Public Writing</td>
<td>1 to 4</td>
</tr>
<tr>
<td>WRA 499</td>
<td>International Research in Professional or Public Writing</td>
<td>3 to 6</td>
</tr>
</tbody>
</table>

One or two writing or design courses from outside WRA may be used with approval of the student’s academic advisor.

Effective Fall 2019.

ELI BROAD COLLEGE OF BUSINESS

1. Change the requirements for the Master of Science degree in Accounting in the Department of Accounting and Information Systems. The University Committee on Graduate Studies (UCGS) approved this request at its September 10, 2018 meeting.

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

      Students may start the program in any semester (fall or spring), or summer session, as space permits. Applications for admission to the program must be received by January 15 for fall semester or summer session, and March 1 for second-round admission consideration, as space permits. Students desiring to start in spring semester must apply by October 1.

      To be considered for admission to the program, applicants must:

      1. Submit to the Director of the Master of Science degree in Accounting program a completed application packet that is available on the program Web site.
      2. Take the Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE) and have the scores submitted to the Master of Science degree in Accounting program. The GMAT test must be taken not more than five years, or the GRE not more than two years prior to the submission of the application for admission to the program. Current Michigan State University students in the undergraduate accounting or finance major with both an overall grade-point average and junior-senior level accounting course grade-point average of 3.0 or higher are not required to take the GMAT.

      The minimum standards for admission to the Master of Science degree in Accounting are:
1. a bachelor’s degree in accounting from a recognized educational institution with a minimum grade-point average of 3.0; or a bachelor’s degree in another major from a recognized educational institution with a minimum grade-point average of 3.0 and completion of the following prerequisite courses: intermediate finance, survey of calculus, and probability and statistics.

2. a strong GMAT/GRE score. Students with qualifying credentials may be able to waive the GMAT/GRE and applicants should consult with the program director to see if they are eligible for the waiver.

3. a grade-point average of at least 3.0 for any junior-and-senior level courses taken as an undergraduate.

Admission to the program is competitive. 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, extracurricular activities, and TOEFL and IELTS scores. Admission is also subject to space availability.

The program accepts qualified applicants whose undergraduate degree is not in accounting and only includes an intermediate-level financial accounting course. These students will be required to complete collateral course work and their program of study will typically require more than 30 credits for the degree. Students should contact the director of the program to determine course deficiencies. Credits earned in collateral course work does not count toward the Master of Science degree in Accounting.

b. Under the heading Requirements for the Master of Science Degree in Accounting make the following changes:

(1) In item 2. under Information Systems make the requirement ‘Four of the following courses and add the following course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 827</td>
<td>Accounting Analytics</td>
<td>3</td>
</tr>
</tbody>
</table>

(2) In item 2. under Public and Corporate Accounting delete the following course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 844</td>
<td>Management Accounting in Global Enterprises</td>
<td>3</td>
</tr>
</tbody>
</table>

(3) In item 2. under the heading Taxation delete the following course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 834</td>
<td>Taxation of Gifts, Trusts and Estates</td>
<td>3</td>
</tr>
</tbody>
</table>

(4) In item 3. Electives change the credits from ‘15’ to ‘12 to 15’.

c. Under the heading Academic Standards delete item (3).

Effective Spring 2019.

2. Change the requirements for the Minor in Insurance and Risk Management in the Department of Finance.

a. Under the heading Admission add the following courses to item a.:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STT 200</td>
<td>Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>STT 201</td>
<td>Statistical Methods</td>
<td>4</td>
</tr>
<tr>
<td>STT 231</td>
<td>Statistics for Scientists</td>
<td>3</td>
</tr>
</tbody>
</table>

Effective Spring 2019.
3. Change the requirements of the **Bachelor of Arts** degree in **Hospitality Business** in The School of Hospitality Business.

   a. Under the heading **Requirements for the Bachelor of Arts Degree Hospitality Business** make the following change:

   (1) In item 2. e. add the following course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HB 420</td>
<td>The Business of Golf</td>
<td>3</td>
</tr>
</tbody>
</table>

   Effective Summer 2019.

**COLLEGE OF COMMUNICATION ARTS AND SCIENCES**

1. Change the requirements for the **Bachelor of Arts** degree in **Communication** in the Department of Communication.

   The concentrations in the Bachelor of Arts degree in Communication are noted on the student’s academic record when the requirements for the degree have been completed.

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

   (1) In item 1., paragraph two, add COM 401 as an option for the University’s Tier II writing requirement.

   (2) Replace item 3. with the following:

   a. Complete a minimum of 30 credits in Communication courses with a grade-point average of 2.0 or higher achieved across COM 100, COM 225, COM 240, COM 275, and COM 300:

   (1) All of the following courses (17 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 100</td>
<td>Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 225</td>
<td>An Introduction to Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 240</td>
<td>Introduction to Organizational Communication</td>
<td>4</td>
</tr>
<tr>
<td>COM 275</td>
<td>Effects of Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 300</td>
<td>Methods of Communication Inquiry</td>
<td>4</td>
</tr>
</tbody>
</table>

   (2) One of the following capstone courses (4 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 401</td>
<td>Advanced Topics in Communication (W)</td>
<td>4</td>
</tr>
<tr>
<td>COM 425</td>
<td>Communication in Close Relationships (W)</td>
<td>4</td>
</tr>
<tr>
<td>COM 440</td>
<td>Organizational Communication Structure (W)</td>
<td>4</td>
</tr>
<tr>
<td>COM 475</td>
<td>Communication Campaign Design and Analysis (W)</td>
<td>4</td>
</tr>
</tbody>
</table>

   (3) Complete a minimum of 9 elective credits:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 301</td>
<td>Special Topics in Communication Sciences, Analytics and Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>COM 302</td>
<td>Special Topics in Health Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 303</td>
<td>Special Topics in Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 304</td>
<td>Special Topics in Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 305</td>
<td>Special Topics in Mediated Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 306</td>
<td>Special Topics in Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 307</td>
<td>Special Topics in Social Influence</td>
<td>3</td>
</tr>
<tr>
<td>COM 310</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 320</td>
<td>Diversity and Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 325</td>
<td>Interpersonal Influence and Conflict</td>
<td>3</td>
</tr>
</tbody>
</table>
PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

COM 330 Health Communication 3
COM 340 Leadership and Group Communication 3
COM 360 Advanced Sales Communication 3
COM 375 Audience Response to Media Entertainment 3
COM 399 Special Topics in Communication 1 to 3
COM 402 Public Relations Topics in Communication 1
COM 490 Independent Study 1 to 3
COM 493 Internship 1 to 12
COM 494 Practicum in Communication Research and Instruction 1 to 4

A maximum of 3 credits across any combination of COM 490, 493, and 494 may be used to satisfy this requirement.

(4) Complete one of the following options:

(a) A cognate in the behavioral/social sciences that is comprised of six courses outside the Department of Communication chosen from at least three of the following departments: Anthropology, Communicative Sciences and Disorders, Economics, Human Development and Family Studies, Political Science, Psychology, and Sociology. The courses must be chosen in consultation with the student’s academic advisor. (18 to 24 credits)

(b) A concentration from the following that focuses on a specific application area in the discipline. Courses used to satisfy requirements for the major may also be used to satisfy the requirements of a concentration. The concentration will be noted on the student’s transcript. (minimum of 18 credits)

Communication Science, Analytics and Research Methods

1. Both of the following courses (7 credits):
   COM 401 Advanced Topics in Communication (W) 4
   COM 494 Practicum in Communication Research and Instruction 3

2. Four courses from the following (12 to 16 credits):
   MI 220 Methods for Understanding Users 3
   MI 355 Media and Information Research 3
   PSY 101 Introductory Psychology 4
   PSY 295 Data Analysis in Psychological Research 3
   SOC 281 Social Research Methods 4
   SOC 282 Quantitative Analysis for Social Research 4
   STT 201 Statistical Methods 4
   WRA 202 Introduction to Professional Writing 3
   WRA 330 Writing Research in Communities and Cultures 3
   WS 203 Introduction to Methods for Women’s and Gender Studies Research 3
PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

Health Communication
1. All of the following courses (10 credits):
   - COM 325 Interpersonal Influence and Conflict 3
   - COM 330 Health Communication 3
   - COM 475 Communication Campaign Design and Analysis (W) 4
2. Three courses from the following (9 to 11 credits):
   - ANP 201 Introduction to Cultural Anthropology 3
   - Or
   - ANP 204 Introduction to Medical Anthropology 3
   - ANP 370 Culture, Health, and Illness 3
   - EPI 390 Disease in Society: Introduction to Epidemiology and Public Health 4
   - GEO 435 Geography of Health and Disease 3
   - HM 101 Introduction to Public Health 3
   - HNF 150 Introduction to Human Nutrition 3
   - HNF 406 Global Foods and Culture 3
   - HST 425 American and European Health Care since 1800 4
   - PHL 344 Ethical Issues in Health Care 4
   - PSY 101 Introductory Psychology 4
   - PSY 320 Health Psychology 3
   - SOC 475 Health and Society 3

Intercultural Communication
1. All of the following courses (10 credits):
   - COM 310 Intercultural Communication 3
   - COM 325 Interpersonal Influence and Conflict 3
   - COM 475 Communication Campaign Design and Analysis (W) 4
2. Three courses from the following (8 to 11 credits):
   - ANP 200 Navigating Another Culture 2
   - CSUS 200 Introduction to Sustainability 3
   - CSUS 250 Global Issues in Agriculture and Natural Resources 3
   - ENG 478B Literature and Visual Culture 3
   - JRN 475 International News and Government Dynamics 3
   - MC 230 Cultures and Politics in Comparative Perspective 4
PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MI</td>
<td>480 Information and Communication Technologies</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>and Development</td>
<td></td>
</tr>
<tr>
<td>PSY</td>
<td>101 Introductory Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSY</td>
<td>342 Stereotypes, Prejudice, and Discrimination</td>
<td>3</td>
</tr>
<tr>
<td>SOC</td>
<td>161 International Development and Change</td>
<td>3</td>
</tr>
<tr>
<td>SOC</td>
<td>215 Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOC</td>
<td>310 Global Migration</td>
<td>3</td>
</tr>
<tr>
<td>SOC</td>
<td>362 Developing Societies</td>
<td>3</td>
</tr>
<tr>
<td>TE</td>
<td>352 Immigrant Language and Culture</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Up to 6 credits of a foreign language or</td>
<td></td>
</tr>
<tr>
<td></td>
<td>educational study abroad program may also serve</td>
<td></td>
</tr>
<tr>
<td></td>
<td>as an elective in this concentration with</td>
<td></td>
</tr>
<tr>
<td></td>
<td>advisor approval.</td>
<td></td>
</tr>
</tbody>
</table>

**Interpersonal Communication**

1. All of the following courses (10 credits):
   - COM 304 Special Topics in Interpersonal Communication
   - COM 325 Interpersonal Influence and Conflict
   - COM 425 Communication in Close Relationships (W)

   For COM 304, students must select from the following topics: conflict, family communication, computer-mediated communication.

2. Three courses from the following (9 or 10 credits):
   - ATD 430 Dress, Culture and Human Behavior
   - HDFS 145 The Individual, Couples and Families
   - HDFS 225 Lifespan Human Development in the Family
   - HDFS 414 Parenting
   - HDFS 442 Ethnic Families in America
   - HDFS 444 Interpersonal Relationships in the Family
   - HDFS 445 Human Sexuality
   - HST 313 Women in the United States to 1869
   - HST 314 Women in the United States since 1869
   - HST 413 Families in Historical Perspective
   - LIN 335 Language and Gender
   - PSY 101 Introductory Psychology
   - PSY 235 Social Psychology
   - PSY 236 Personality
   - PSY 339 Psychology of Women
   - PSY 342 Stereotypes, Prejudice, and Discrimination
   - WS 201 Introduction to Women's
PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

and Gender Studies 3
WS 304 Lesbian, Gay, Bisexual, Transgender, Queer (LGBTQ) and Sexuality Studies 3
WS 403 Women and Change in Developing Countries 3

Mediated Communication
1. Both of the following courses (7 credits):
   COM 375 Audience Response to Media Entertainment 3
   COM 475 Communication Campaign Design and Analysis (W) 4

2. Four of the following courses (12 to 14 credits):
   ADV 375 Consumer Behavior 3
   ADV 420 New Media Driver’s License 3
   ENG 142 Introduction to Popular Literary Genres 4
   FLM 230 Introduction to Film 4
   FLM 380 Classical Film and Media Theory 3
   FLM 381 Contemporary Film and Media Theory 3
   JRN 108 The World of Media 3
   JRN 213 Animation, Comics, and Graphic Novels in Media 3
   MI 201 Media and Information Technologies and Industries 3
   MI 239 Digital Footprints: Privacy and Online Behavior 3
   MI 301 Bringing Media to Market 3
   MI 302 Networks, Markets and Society 3
   MI 480 Information and Communication Technologies and Development 3
   WRA 202 Introduction to Professional Writing 3
   WRA 225 Introduction to Multimedia Writing 3
   WRA 425 Advanced Multimedia Writing 3

Organizational Communication
1. All of the following courses (10 credits):
   COM 340 Leadership and Group Communication 3
   COM 440 Organizational Communication Structure (W) 4
PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

2. Three of the following courses (9 or 10 credits):
   - ACC 230 Survey of Accounting Concepts 3
   - ADV 325 Public Relations Techniques and Ethics 3
   - ANP 321 Anthropology of Social Movements 3
   - GBL 323 Introduction to Business Law 3
   - HST 213 U.S. Business and Economic History 3
   - MGT 325 Management Skills and Processes 3
   - MKT 327 Introduction to Marketing 3
   - PSY 101 Introductory Psychology 4
   - PSY 255 Industrial and Organizational Psychology 3
   - SOC 481 Social Movements and Collective Identities 3

Social Influence

1. Both of the following courses (7 credits):
   - COM 325 Interpersonal Influence and Conflict 3
   - COM 475 Communication Campaign Design and Analysis (W) 4

2. Four of the following courses (12 to 15 credits):
   - ANP 321 Anthropology of Social Movements 3
   - HST 316 United States Intellectual History since 1860 3
   - IBIO 446 Environmental Issues and Public Policy 3
   - PHL 330 Formal Reasoning 4
   - PSY 101 Introductory Psychology 4
   - PSY 270 Community Psychology 3
   - SOC 241 Social Psychology 3
   - SOC 368 Science, Technology and Society 4
   - SOC 481 Social Movements and Collective Identities 3
   - SOC 499 Social Issues and Change in Contemporary Society (W) 3

Students should meet with their academic advisors concerning the minimum and maximum numbers of elective credits available to them at various stages in their programs.

Students are strongly encouraged to complete an internship or experiential learning experience approved by the Department of Communication whether for university credit based on academic eligibility standards or on a voluntary, non–credit basis. The department will make every effort to assist communication majors in finding appropriate internship placements.

Effective Fall 2019.
COLLEGE OF EDUCATION

1. Change the requirements for the Master of Science degree in Kinesiology in the Department of Kinesiology. The University Committee on Graduate Studies (UCGS) approved this request at its October 15, 2018 meeting.

The concentrations in the Master of Science degree in Kinesiology are noted on the student’s academic record when the requirements for the degree have been completed.

a. Under the heading Master of Science make the following change:

(1) In paragraph three delete the concentration area of 'Coaching'.

Effective Spring 2019.

COLLEGE OF ENGINEERING

1. Delete the curriculum and degree requirements for the Disciplinary Teaching Minor in Computer Science, available for elementary and secondary certification, in the Department of Computer Science and Engineering. The University Committee on Undergraduate Studies (UCUS) provided consultative commentary to the Provost after considering this request. The Provost made the determination to discontinue the program after considering the consultative commentary from the University Committee on Undergraduate Studies and the Teacher Education Council.

No new students are to be admitted to the program effective Summer 2017. No students are to be readmitted to the program effective Summer 2017. Effective Spring 2019, coding for the program will be discontinued and the program will no longer be available in the College of Engineering. Students who have not met the requirements for the Disciplinary Teaching Minor in Computer Science through the College of Engineering prior to Spring 2019 will have to change their minor.

COLLEGE OF NATURAL SCIENCE

1. Change the requirements for the Bachelor of Science degree in Actuarial Science in the Department of Mathematics. The University Committee on Undergraduate Education (UCUE) approved this request at its April 12, 2018 meeting.

a. Replace the Admission to the Major statement with the following:

To be considered for admission to the major, the student must have:

1. a cumulative grade-point average of at least 3.0 in all courses taken at MSU.
2. a minimum grade-point average of 3.0 in MTH 132, MTH 133, and MTH 234 or equivalent courses.
3. an average of 3.0 in the grades in MTH 360 and STT 441.

Additional criteria for admission includes the following:

1. Passing a Society of Actuaries exam in one of the following ways:
   a. Passing the Society of Actuaries Exam P (Probability), or the Casualty Actuary Society Exam 1 (Probability) before the start of the fall semester after the student first completes 56 credits.
   b. Passing the Society of Actuaries Exam FM (Financial Mathematics), or the Casualty Actuary Society Exam 2 (Financial Mathematics) before the start of the fall semester after the student first completes 56 credits.
2. Satisfactory completion of an oral examination relating to Exam P or Exam FM.

Students wishing to major in actuarial science need to make a request to the Actuarial Science program director or delegate when they are eligible and ready to be considered for the major. The Actuarial Science program director approves acceptance into the major.
The Director of the Actuarial Science program, or their delegate, could admit students into the program who do not satisfy both of these criteria under exceptional circumstances. A student denied access to the actuarial science major could become an actuary by successfully taking Actuarial Science Exams.

Students who declare the major in actuarial science are automatically reviewed at the end of every semester and are either admitted or informed of their progress. Students must be admitted to a degree-granting college at the time they have completed 56 credits. Those who do not meet the criteria may consider a major in either Mathematics, Quantitative Risk Analytics, or in Statistics and Probability.

c. Under the heading **Requirements for the Bachelor of Science Degree in Actuarial Science** make the following changes:

a. Delete the following course from item 3. i.:

   
   
   CSE 131 Technical Computing and Problem Solving 3

b. Collapse the following course into item 3. k. and change the credits from ‘15’ to ‘19’:

   
   
   CSE 231 Introduction to Programming I 4

Effective Fall 2019.

2. Establish a **Bachelor of Science** degree in **Quantitative Risk Analytics** in the Department of Statistics and Probability. The University Committee on Undergraduate Education (UCUE) approved this request at its April 12, 2018 meeting.

a. **Background Information:**

   The proposed Bachelor of Science degree in Quantitative Risk Analytics (QRA) is designed for students whose goal is to find jobs in the insurance industry or related industries which handle risk, such as investment finance. The insurance industry is very well represented in the Lansing area, through diverse companies like Auto-Owners, Jackson National Life Insurance Company, Accident Fund (a subsidiary of Blue Cross Blue Shield of Michigan), and others. Each company is looking to hire students with bachelor’s degrees with significant training in statistics and mathematics, for a variety of quantitative-based positions. The current degrees offered in Mathematics and Statistics, including the Actuarial Science degree, lack some of the training in new data analytics, and do not allow students to learn about the operations of insurance companies. Emphasis is placed on life contingencies and on casualty insurance, which is specific to narrow job types and is too demanding of students.

   The QRA degree gives students a number of the quantitative skills needed for various insurance industry and risk industry jobs, without insisting that they also be proficient in some of the more specialized skills needed to become an actuary. There are many more quantitative jobs in the insurance industry than just those in actuarial science. This is true for all the companies hiring in the Lansing area. The QRA degree therefore increases the probability of success and of industrial job placement for each student working towards this new degree, compared to the actuarial science degree, and should decrease time to completion.

   There is an overabundance of students seeking jobs in the actuarial profession. Because of the large supply, employers are setting a very high bar for hiring. Usually this includes an overall GPA of at least 3.2, 1 to 2 student internships of which there are a limited number available, and passing 1 to 2 actuarial exams. There is evidence that the Insurance Industry will need to hire vast numbers of quantitatively educated employees, in the next 5 to 10 years, to fill vacancies and newly created positions in many types of roles beyond actuarial work. This includes jobs in predictive analytics, which is a branch of data science emerging in many areas of business, and jobs using other data science skills covered in our STT courses. This also includes insurance industry jobs where employees
The new curriculum will enhance the education of students interested in the insurance industry and other industries where risk managers are needed, without forcing them to learn topics, which are only needed for the small actuarial portion of those quantitative industry jobs. MSU will be in a particularly good position to train students in these new roles sought by the insurance industry. These roles are less demanding mathematically than actuarial science roles, but require simultaneously strong quantitative and data analysis skills, and knowledge of the insurance industry. The requirements, coupled with the new courses will ensure those skill sets. In particular, the new course on Predictive Analytics will cover those highly sought skills in the industry, and the new course on Insurance Operations will give all QRA majors a solid knowledge of the various elements in an insurance company. By deemphasizing actuarial exams, the QRA degree will focus on the skills which are sought in the vast majority of quantitative jobs available in the insurance industry.

b. Academic Programs Catalog Text:

The Bachelor of Science degree in Quantitative Risk Analytics provides students the quantitative skills necessary for employment in the insurance and risk industry, including a mathematical treatment of probability and statistics, interest-rate theory and financial mathematics, predictive analytics and other data science tools, and insurance operations.

Admission

To be considered for admission to the major, the student must have:

1. a cumulative grade-point average of at least 3.0 in all courses taken at MSU.
2. a minimum grade-point average of 3.0 in MTH 132, MTH 133, and MTH 234 or equivalent courses.
3. a minimum average of 3.0 in the grades in MTH 360 and STT 441.

Students who declare the major in quantitative risk analytics are automatically reviewed at the end of every semester and are either admitted or informed of their progress. Students must be admitted to a degree-granting college at the time they have completed 56 credits. Those who do not meet the criteria may consider a major in either Mathematics or in Statistics and Probability.

Requirements for the Bachelor of Science Degree in Quantitative Risk Analytics

1. The University requirements for bachelor's degrees as described in the Undergraduate Education section of this catalog; 120 credits, including general elective credits, are required for the Bachelor of Science degree in Quantitative Risk Analytics.

   The University's Tier II writing requirement for the Quantitative Risk Analytics major is met by completing Statistics and Probability 467. That course is referenced in item 3. below.

   Students who are enrolled in the College of Natural Science may complete the alternative track to Integrative Studies in Biological and Physical Sciences that is described in item 1. under the heading Graduation Requirements in the College statement. Certain courses referenced in requirement 3. below may be used to satisfy the alternative track.

2. The requirements of the College of Natural Science for the Bachelor of Science degree. The credits earned in certain courses referenced in requirement 3. below may be counted toward College requirements as appropriate.

3. The following requirements for the major:
PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

a. One course of at least 3 credits in biological science, entomology, microbiology, physiology, plant biology, or integrative biology as approved by the student’s academic advisor.

b. One of the following groups of courses (8 to 10 credits):
   (1) CEM 141 General Chemistry 4
       CEM 142 General and Inorganic Chemistry 3
       CEM 161 Chemistry Laboratory I 1
   (2) CEM 151 General and Descriptive Chemistry 4
       CEM 152 Principles of Chemistry 3
       CEM 161 Chemistry Laboratory I 1
   (3) CEM 181H Honors Chemistry I 4
       CEM 182H Honors Chemistry II 4
       CEM 185H Honors Chemistry Laboratory I 2
   (4) LB 171 Principles of Chemistry I 4
       LB 171L Introductory Chemistry Laboratory I 1
       LB 172 Principles of Chemistry II 3

c. One of the following groups of courses (8 credits):
   (1) PHY 183 Physics for Scientists and Engineers I 4
       PHY 184 Physics for Scientists and Engineers II 4
   (2) PHY 193H Honors Physics I – Mechanics 4
       PHY 294H Honors Physics II – Electromagnetism 4
   (3) LB 273 Physics I 4
       LB 274 Physics II 4

d. One of the following groups of courses (11 or 12 credits):
   (1) MTH 132 Calculus I 3
       MTH 133 Calculus II 4
       MTH 234 Multivariable Calculus 4
   (2) LB 118 Calculus I 4
       LB 119 Calculus II 4
       LB 220 Calculus III 4
   (3) MTH 152H Honors Calculus I 3
       MTH 153H Honors Calculus II 4
       MTH 254H Honors Multivariable Calculus 4

e. One of the following courses (3 credits):
   MTH 235 Differential Equations 3
   MTH 340 Ordinary Differential Equations I 3
   MTH 347H Honors Ordinary Differential Equations 3

f. One of the following groups of courses (4 to 7 credits):
   (1) MTH 299 Transitions 4
       MTH 309 Linear Algebra I 3
   (2) MTH 317H Honors Linear Algebra 4

All of the following courses (15 credits):
   MTH 360 Theory of Mathematical Interest 3
   MTH 361 Financial Mathematics for Actuaries I 3
   MTH 457 Introduction to Financial Mathematics 3
   STT 441 Probability and Statistics I: Probability 3
   STT 442 Probability and Statistics II: Statistics 3

h. Both of the following courses (6 credits):
   MTH 468 Predictive Analytics 3
   STT 467 Insurance Operations 3

i. All of the following courses (19 credits):
   ACC 230 Survey of Accounting Concepts 3
   CSE 231 Introduction to Programming I 4
   EC 201 Introduction to Microeconomics 3
   EC 202 Introduction to Macroeconomics 3
   FI 311 Financial Management 3
   FI 321 Theory of Investments 3

Effective Fall 2019.
COLLEGE OF NURSING

1. Change the requirements for the Doctor of Philosophy degree in Nursing. The University Committee on Graduate Studies (UCGS) approved this request at its September 10, 2018 meeting.

   a. Under the heading Requirements for the Doctor of Philosophy Degree in Nursing make the following changes in the course requirements:

      (1) In item 1. change the total credits from '51 to 53' to '52 to 54'.

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

          NUR  921  Wellness and Risk Reduction Behaviors   3
          NUR  923  Self and Symptom Management in Chronic Illness  3

          Add the following course:

          NUR  930  Improving Health Outcomes: Scientific Foundations  4

   Effective Spring 2019.

COLLEGE OF SOCIAL SCIENCE

1. Change the requirements for the Minor in Chicano/Latino Studies in the College of Social Science.

   a. Under the heading Minor in Chicano/Latino Studies replace the entire entry with the following:

      The student must complete a total of 15 credits including:

      1. The following course (3 credits):
         CLS  201  Introduction to Chicano/Latino Studies  3

      2. Complete three courses from the following (9 credits):
         a. At least one course from the College of Social Science:
            CLS  490  Independent Study in Chicano/Latino Studies  3
            CLS  493  Internship in Chicano/Latino Studies  1 to 6
            HST  327  History of Mexican Americans in the United States  3
            HST  383  The Caribbean  3
            HST  384  Modern Mexico  3
            PLS  304  Minority Politics  3
            SSC  399  Service Learning and Civic Engagement: Theory and Practice  1 to 6
         b. At least one course from outside the College of Social Science:
            ENG  351  Readings in Chicano and Latino Literatures  3
            FLM  211  Documentary History and Theory  3
            FLM  460  Seminar in Digital Film and Emergent Media (W)  3
            GSAH  230  Values, Experience, and Difference in Global Contexts  3
            SPN  320  Cultural Readings and Composition (W)  3
            SPN  350  Introduction to Reading Hispanic Literature (W)  3
            SPN  412  Topics in Hispanic Cultures  3
            SPN  491  Special Topics in Spanish  3
            TE  250  Human Diversity, Power, and Opportunity in Social Institutions  3

      Chicano/Latino Studies 490 and 493 may only be counted once towards the minor. Students enrolling in Film Studies 460, Global Studies in the Arts and Humanities 230, Political Science 392, Spanish 491, Social
Science 399, or Teacher Education 250 must have its content approved by the Director of the Chicano/Latino Studies program.

3. The following capstone course (3 credits):
   CLS 492 Chicano and Latino Studies: Research, Theory and Practice 3

Effective Spring 2019.

2. Change the requirements for the Doctor of Philosophy degree in Political Science in the Department of Political Science. The University Committee on Graduate Studies (UCGS) approved this request at its October 15, 2018 meeting.

   a. Under the heading Requirements for the Doctor of Philosophy Degree in Political Science make the following changes:

   (1) In item 1. a. change the total credits from ‘15’ to ‘9’ and delete the following courses:
       PLS 803 Political Thought 3
       PLS 809 Proseminar in Formal Theory 3

   (2) In item 1. c. delete ‘or formal theory’.

   (3) Replace item 2. with the following:

   Pass a comprehensive examination in both the major and minor field. Complete a paper, or course work as determined by the Graduate Studies Committee and the student’s guidance committee.

Effective Spring 2019.
PART II - NEW COURSES

RESIDENTIAL COLLEGE IN THE ARTS AND HUMANITIES

RCAH 150  Introduction to the Arts and Humanities  
Fall of every year. Spring of every year. 4(4-0) R: Not open to seniors. 
   Introduction to the fundamentals of interdisciplinary studies with a focus on the 
   humanities, arts, community engagement, and language and culture. 
   SA: RCAH 192  
   Effective Fall 2019

RCAH 215  Introduction to Theory and Method in the Arts  
Fall of every year. Spring of every year. 4(4-0) P: RCAH 150 R: Open to undergraduate students in 
   the Residential College in the Arts and Humanities. 
   Introduction to fundamental elements of the arts and artistic practice and their value in 
   social life. 
   SA: RCAH 291  
   Effective Fall 2019

RCAH 225  Introduction to Community Engagement  
Fall of every year. Spring of every year. 4(4-0) P: RCAH 150 R: Open to undergraduate students in 
   the Residential College in the Arts and Humanities. 
   Introduction to the basic theories and methods of community engagement, its essential 
   features, and its value as a form of social justice. 
   SA: RCAH 292A  
   Effective Fall 2019

RCAH 235  Introduction to Language and Culture Studies  
Fall of every year. Spring of every year. 4(4-0) P: RCAH 150 R: Open to undergraduate students in 
   the Residential College in the Arts and Humanities. 
   Introduction to basic theories and methods in language and culture studies. 
   Effective Fall 2019

RCAH 315  Methods in the Arts  
Fall of every year. Spring of every year. 1 to 4 credits. A student may earn a maximum of 7 credits 
   in all enrollments for this course. P: RCAH 112 and RCAH 215 R: Open to undergraduate students in 
   the Residential College in the Arts and Humanities. 
   Advanced engagement with the skills and methods used in the creation of visual and 
   performing arts. 
   Effective Fall 2019

RCAH 316  Topics in the Arts  
Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all 
   enrollments for this course. P: RCAH 215 R: Open to undergraduate students in the Residential 
   College in the Arts and Humanities. 
   Topics in the study of the visual and performing arts from an interdisciplinary perspective. 
   SA: RCAH 320  
   Effective Fall 2019

RCAH 325  Methods in Community Engagement  
Fall of every year. Spring of every year. 4(4-0) A student may earn a maximum of 8 credits in all 
   enrollments for this course. P: RCAH 225 and RCAH 112 R: Open to undergraduate students in the 
   Residential College in the Arts and Humanities. 
   Advanced study in the skills and methods used in community engagement work. 
   Effective Fall 2019

RCAH 326  Topics in Community Engagement  
Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all 
   enrollments for this course. P: RCAH 225 R: Open to undergraduate students in the Residential 
   College in the Arts and Humanities. 
   Topics and themes in the study of community engagement work. 
   SA: RCAH 292B  
   Effective Fall 2019
RCAH 335  Methods in Language and Culture
Fall of every year. Spring of every year. 4(4-0) A student may earn a maximum of 8 credits in all enrollments for this course. P: RCAH 112 and RCAH 235 R: Open to undergraduate students in the Residential College in the Arts and Humanities.
- Theories and methods in the study of language and culture from an interdisciplinary perspective.
- Effective Fall 2019

RCAH 345  Methods in the Humanities
Fall of every year. Spring of every year. 4(4-0) A student may earn a maximum of 8 credits in all enrollments for this course. P: RCAH 203 and RCAH 112 R: Open to undergraduate students in the Residential College in the Arts and Humanities.
- Advanced engagement in theories and methods in the study of the humanities.
- Effective Fall 2019

RCAH 346  Topics in Humanities
Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: RCAH 203 R: Open to undergraduate students in the Residential College in the Arts and Humanities.
- Advanced engagement in important themes in the study of humanities.
- Effective Fall 2019

RCAH 450  Experiential Learning
Fall of every year. Spring of every year. Summer of every year. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. P: (RCAH 150) and completion of Tier I writing requirement RB: RCAH 203 and RCAH 215 and RCAH 225 and RCAH 235 R: Open to undergraduate students in the Residential College in the Arts and Humanities.
- Approved undergraduate research, creative, or community engagement project directed by a faculty member.
- Request the use of the Pass-No Grade (P-N) system.
- SA: RCAH 292C
- Effective Fall 2019

DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE

MSE 974B  High Temperature Deformation and Processing
Spring of even years. 3(3-0) RB: MSE 851 and MSE 862
- REINSTATEMENT: Theoretical and design principles applied to the control of creep, superplasticity, cavitation, recrystallization, and texture changes. Metallic, alloy, intermetallic, ceramic, and composite systems.
- SA: MSM 980B, MSM 974B
- Effective Fall 2018

DEPARTMENT OF COMMUNICATION

COM 301  Special Topics in Communication Science, Analytics and Research Methods
Spring of every year. 3(3-0) P: COM 300 or concurrently
- Trending topics in communication science, analytics, and research methods.
- Effective Fall 2019

COM 302  Special Topics in Health Communication
Fall of every year. 3(3-0) P: COM 300 or concurrently
- Trending topics in health communication.
- Effective Fall 2019

COM 303  Special Topics in Intercultural Communication
Fall of every year. 3(3-0) P: COM 300 or concurrently
- Trending topics in intercultural communication.
- Effective Fall 2019
PART II – NEW COURSES

COM 304  Special Topics in Interpersonal Communication  
Fall of every year. 3(3-0) P: COM 300 or concurrently 
Trending topics in interpersonal communication.  
Effective Fall 2019

COM 305  Special Topics in Mediated Communication  
Spring of every year. 3(3-0) P: COM 300 or concurrently 
Trending topics in mediated communication.  
Effective Fall 2019

COM 306  Special Topics in Organizational Communication  
Spring of every year. 3(3-0) P: COM 300 or concurrently 
Trending topics in organizational communication.  
Effective Fall 2019

COM 307  Special Topics in Social Influence  
Spring of every year. 3(3-0) P: COM 300 or concurrently 
Trending topics in social influence.  
Effective Fall 2019

DEPARTMENT OF MATHEMATICS

MTH 468  Predictive Analytics  
Spring of every year. 3(3-0) Interdepartmental with Statistics and Probability. P: CSE 131 or CSE 231 or MTH 235 or MTH 340 or MTH 309 or MTH 360 or STT 442 
Predictive analytics for insurance business and risk management with an emphasis on the use of machine learning tools.  
Effective Fall 2018

DEPARTMENT OF MEDICINE

MED 634  Advanced Internal Medicine: Intensive Care Medicine/Critical Care  
Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: HM 556 or MED 608 R: Open to graduate-professional students in the College of Human Medicine. 
Experience in managing critically ill patients.  
Request the use of the Pass-No Grade (P-N) system.  
Request the use of ET-Extension to postpone grading.  
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.  
Effective Fall 2018

MED 635  Advanced Internal Medicine: Women’s Health  
Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: HM 556 or MED 608 R: Open to graduate-professional students in the College of Human Medicine. 
Clinical experience in women’s health, including normal aging, menopause, common primary care problems.  
Request the use of the Pass-No Grade (P-N) system.  
Request the use of ET-Extension to postpone grading.  
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.  
Effective Fall 2018
MED 636  Advanced Internal Medicine: Medicine/Pediatrics  
Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a 
maximum of 24 credits in all enrollments for this course. P: MED 641 or MED 608 R: Open to 
graduate-professional students in the College of Human Medicine.  
Clinical care of adults and children by internal medicine/pediatric faculty focusing on 
primarily ambulatory, with the potential for inpatient experiences. 
Request the use of the Pass-No Grade (P-N) system. 
Request the use of ET-Extension to postpone grading. 
The work for the course must be completed and the final grade reported within 2 
semesters after the end of the semester of enrollment. 
Effective Fall 2018

COLLEGE OF NURSING

NUR 939  Improving Health Outcomes: Scientific Foundations  
Spring of every year. 4(4-0) P: NUR 921 or approval of college R: Open to doctoral students in the 
College of Nursing or in the Nursing Major. 
Application of the state of the science to wellness, risk reduction and chronic illness 
outcomes for populations across the lifespan from a nursing perspective. 
Effective Fall 2018

DEPARTMENT OF RADIOLOGY

RAD 612  Interventional Radiology  
Fall of every year. Spring of every year. Summer of every year. 3 to 12 credits. A student may earn 
a maximum of 24 credits in all enrollments for this course. P: RAD 609 R: Open to graduate- 
professional students in the College of Human Medicine or in the College of Osteopathic Medicine. 
Fundamentals of radiation biology, diagnostic and therapeutic techniques, safety, and 
follow-up of interventional radiology procedures. 
Request the use of the Pass-No Grade (P-N) system. 
Request the use of ET-Extension to postpone grading. 
The work for the course must be completed and the final grade reported within 2 
semesters after the end of the semester of enrollment. 
Effective Fall 2018

COLLEGE OF SOCIAL SCIENCE

CLS 492  Chicano and Latino Studies: Research, Theory and Practice  
Spring of every year. 3(3-0) P: (CLS 201) and completion of Tier I writing requirement RB: At least 
9 credits in the CLS minor 
Foundational fieldwork by historians, social scientists, artists and activists. Survey of the 
development of CLS. Analysis of Chicano and Latino social phenomenon. 
Effective Spring 2019

DEPARTMENT OF STATISTICS AND PROBABILITY

STT 467  Insurance Operations  
Spring of every year. 3(3-0) Interdepartmental with Mathematics. P: (ACC 230 and FI 321 and MTH 
360) and completion of Tier I writing requirement RB: STT 441 
Regulation, marketing and distribution, underwriting, risk control, premium auditing, the 
claim function, actuarial operations, and reinsurance. 
Effective Spring 2019
**COLLEGE OF VETERINARY MEDICINE**

VM 844  Food Fraud Prevention  
Fall of every year. 3(3-0) R: Open to graduate students in the College of Veterinary Medicine or in the Department of Large Animal Clinical Sciences or in the Food Safety Major or approval of college.  
Theory and applied techniques for food fraud prevention strategies.  
Request the use of ET-Extension to postpone grading.  
The work for the course must be completed and the final grade reported within 3 semesters after the end of the semester of enrollment.  
Effective Fall 2019

**DEPARTMENT OF WRITING, RHETORIC AND AMERICAN CULTURES**

WRA 325  Writing and Multimodality  
Fall of every year. Spring of every year. 3(3-0) P: (WRA 202 or concurrently) or (WRA 260 or concurrently) R: Open to undergraduate students in the Department of Writing, Rhetoric and American Cultures or approval of department.  
Rhetorical and cultural dimensions of composing in digital spaces. Study of and practice with the rhetorical affordances and expectations of different writing spaces. Practice in messaging across contexts and composing with multiple technologies.  
Effective Fall 2019

WRA 345  Topics in Writing  
Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: WRA 202 or WRA 260 R: Open to undergraduate students in the Department of Writing, Rhetoric and American Cultures or approval of department.  
Courses supplementing regular course offerings. Topics recommended by students, proposed by faculty, and/or offered due to intellectual or professional need or interest.  
Effective Fall 2019

WRA 350  Sound Writing and Rhetoric  
Spring of every year. 3(3-0) P: WRA 202 or WRA 260 R: Open to undergraduate students in the Department of Writing, Rhetoric and American Cultures or approval of department.  
Theories and principles of sound composing. Intensive reading and practice with emphasis on rhetorical dimensions of listening to and composing sound. Expectation of the roles of editing, equalization, and mastering as rhetorical variables that affect how audiences respond to sound. Practice with accessible and ethical audio writing and editing techniques.  
Effective Fall 2019

WRA 483  Community Publishing  
Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: (WRA 202 or WRA 260) and (WRA 360 or WRA 370) R: Open to undergraduate students in the Department of Writing, Rhetoric and American Cultures or approval of department.  
Project-based focus on developing and producing writing projects coordinated with the Digital Publishing Lab. Emphasis on collaborative action, drafting, and editing, defining goals; managing publication distribution.  
Effective Fall 2019

WRA 484  Ethics in Writing  
Fall of every year. 3(3-0) P: WRA 202 or WRA 260 R: Open to undergraduate students in the Department of Writing, Rhetoric and American Cultures or approval of department.  
Ethical issues related to professional and public writing including censorship, copyright, ethical practices and philosophies of editing, open access, privacy, preservation, and accessibility. Attention to cultural issues, including cultural appropriation and culturally relevant practices.  
Effective Fall 2019
PART III – COURSE CHANGES

RESIDENTIAL COLLEGE IN THE ARTS AND HUMANITIES

RCAH 111  Writing in Transcultural Contexts
Fall of every year. 4(4-0) R: Open to undergraduate students in the Residential College in the Arts and Humanities. C: RCAH 202 concurrently.
Focused instruction in writing. Multiple forms and genres of composition. Other forms of composing such as music, painting, sculpture, and dance. Diverse texts and communities from the local to the global.
Effective Fall 2016 Effective Fall 2019

RCAH 192  Proseminar
Fall of every year. Spring of every year. 3(3-0) R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Proseminar experience in interdisciplinary, transcultural research. Focus on arts practice and humanities topics.
DELETE COURSE
Effective Summer 2019

RCAH 203  Transcultural Relations through the Ages
Fall of every year. Spring of every year. 4(4-0) P: RCAH 112 and RCAH 202 P: (RCAH 112 and RCAH 202) and completion of Tier I writing requirement R: Open to undergraduate students in the Residential College in the Arts and Humanities and not open to freshmen.
SA: RCAH 201
Effective Spring 2015 Effective Fall 2019

RCAH 291  Arts Workshops
Fall of every year. Spring of every year. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Workshop experience in creative arts from interdisciplinary humanities perspective.
DELETE COURSE
Effective Summer 2019

RCAH 292A  Engagement Proseminar
Fall of every year. Spring of every year. Summer of every year. 2(2-0) R: Open to undergraduate students in the Residential College in the Arts and Humanities.
The concept of community engagement, its essential features, and its value as an education tool and form of social action.
DELETE COURSE
Effective Summer 2019

RCAH 292B  Engagement and Reflection
Fall of every year. Spring of every year. Summer of every year. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. P: (RCAH 202 and RCAH 292A) and completion of Tier I writing requirement R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Participation in community engagement activities. Reflection on principles, methods, meaning, and ethics of engagement.
DELETE COURSE
Effective Summer 2019
RCAH 292C  Independent Engagement
Fall of every year. Spring of every year. Summer of every year. 2 to 6 credits. A student may earn a maximum of 8 credits in all enrollments for this course. P: (RCAH 292A and RCAH 202) and completion of Tier I writing requirement R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Independent community engagement work by individual students under faculty supervision and based on prior student engagement experience.
DELETE COURSE
Effective Summer 2019

RCAH 310  Topics in Childhood and Society
Fall of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: RCAH 112 and (RCAH 203 or concurrently) R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Interdisciplinary humanities-based exploration of transcultural societies through the lens of childhood.
DELETE COURSE
Effective Summer 2019

RCAH 320  Topics in Art and Public Life
Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: RCAH 112 and (RCAH 203 or concurrently) R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Interdisciplinary humanities-based exploration of the relationship between art and public life.
DELETE COURSE
Effective Summer 2019

RCAH 330  Topics in Nature and Culture
Fall of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: RCAH 112 and (RCAH 203 or concurrently) R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Interdisciplinary humanities-based exploration of relationship between global cultures and the natural environments that shape them.
DELETE COURSE
Effective Summer 2019

RCAH 336  Immersions in Language and Culture
Topics in Language and Culture
Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: RCAH 112 and RCAH 192 and (RCAH 203 or concurrently) P: RCAH 235 R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Preparation for living in other cultures, using a language other than English for daily communications. Synthesis of language immersion experience. Topics in the study of language and culture from an interdisciplinary perspective.
SA: RCAH 390
Effective Fall 2016 Effective Fall 2019

RCAH 340  Topics in Technology and Creativity
Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: RCAH 112 and (RCAH 203 or concurrently) R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Interdisciplinary humanities-based exploration of relationship between technology and creativity.
DELETE COURSE
Effective Summer 2019
RCAH 380  Third Year Tutorial
Fall of every year. Spring of every year. 3(3-0) P: RCAH 112 and RCAH 203 R: Open to undergraduate students in the Residential College in the Arts and Humanities.
Small group research experiences. Synthesis of themes in 100- and 200-level courses.
Topics vary.
SA: RCAH 290
DELETE COURSE
 Effective Summer 2019

RCAH 392  Internship
Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits, 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: (RCAH 292A or concurrently) and completion of Tier I writing requirement
P: (RCAH 150) and completion of Tier I writing requirement R: Open to juniors or seniors in the Residential College in the Arts and Humanities. Approval of college; application required. R: Open to sophomores or juniors or seniors in the Residential College in the Arts and Humanities. Approval of college.
Advanced course consisting of supervised practical experience in a professional environment.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
 Effective Spring 2015  Effective Fall 2019

RCAH 492  Senior Seminar (W)
Fall of every year. Spring of every year. 4(4-0) P: RCAH 112 and RCAH 203 and RCAH 192 P: (RCAH 315 or RCAH 325 or RCAH 335 or RCAH 345) and Completion of Tier I Writing Requirement R: Open to seniors in the Residential College in the Arts and Humanities.
Capstone seminar. Topics vary. May include arts practice, civic engagement, and humanities research. Capstone seminar. Topics vary. May include arts practice, civic engagement, language and culture, and humanities research.
 Effective Spring 2015  Effective Fall 2019

COLLEGE OF ARTS AND LETTERS

MUSM 492  Special Topics in Museum Studies
Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits, 3(3-0)
Interdepartmental with Anthropology and History of Art. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to juniors or seniors or graduate students.
Special topics supplementing regular course offerings.
SA: AL 492
 Effective Fall 2017  Effective Summer 2019

DEPARTMENT OF COMMUNICATION

COM 100  Human Communication
Fall of every year. Spring of every year. Summer of every year. 3(3-0)
Process and functions of communication. Principles underlying communication behavior. Practice in analyzing communication situations and in speaking and writing.
 Effective Fall 2015  Effective Fall 2018

COM 225  An Introduction to Interpersonal Communication
Fall of every year. Spring of every year. Summer of every year. 3(3-0)
Principles and practices of interpersonal communication. Emphasis on effective and responsible interpersonal communication.
 Effective Fall 2015  Effective Fall 2018
COM 240  Introduction to Organizational Communication  
Fall of every year. Spring of every year. Summer of every year. 4(4-0)  
Theories, systems, structures and processes of organizational communication.  
Organizational cultures. Communication in multinational organizations and in individual,  
leadership, supervisor-subordinate and small group situations.  
Effective Fall 2015 Effective Fall 2018  

COM 275  Effects of Mass Communication  
Fall of every year. Spring of every year. Summer of every year. 3(3-0)  
Major social effects of mass media on audience behavior. Political communication. Media  
effects on children. Message strategies producing attitude change. Interrelationships  
between mass media and interpersonal communication.  
Effective Fall 2015 Effective Fall 2018  

COM 300  Methods of Communication Inquiry  
Fall of every year. Spring of every year. Summer of every year. 4(4-0) RB: Completion of University  
mathematics requirement.  
Nature and conduct of communication inquiry. Significant questions about communication  
and finding systematic answers.  
SA: COM 200  
Effective Fall 2015 Effective Fall 2018  

COM 320  Diversity and Communication  
Fall of every year. Spring of every year. 3(3-0) P: COM 300 R: Open to juniors or seniors in the  
College of Education or in the Eli Broad College of Business and The Eli Broad Graduate School of  
Management or in the College of Communication Arts and Sciences.  
R: Open to juniors or seniors or sophomores in the College of Education or in the Eli Broad College of Business and The Eli  
Broad Graduate School of Management or in the College of Communication Arts and Sciences.  
Explore the interplay between communication processes and diverse identities such as  
race, ethnicity, class, sexual orientation, and gender.  
Effective Fall 2017 Effective Fall 2018  

COM 325  Interpersonal Influence and Conflict  
Fall of every year. Spring of every year. 3(3-0) P: (COM 300 or concurrently) or (MKT 313 or  
concurrently) R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad  
Graduate School of Management or in the College of Communication Arts and Sciences or in the  
College of Education or in the Sales Communication Specialization.  
R: Open to sophomores or juniors or seniors in the College of Education or in the Eli Broad College of Business and The Eli  
Broad Graduate School of Management or in the College of Communication Arts and Sciences or  
in the Sales Leadership Minor.  
Theories, processes and models of interpersonal influence and conflict. Conflict  
resolution, persuasion, and compliance-gaining. Theories, processes and models of  
interpersonal influence and conflict. Conflict resolution, compliance-gaining, resistance  
and persuasion.  
Effective Fall 2015 Effective Fall 2018  

COM 330  Health Communication  
Spring of every year. 3(3-0) P: COM 300 P: COM 300 or concurrently R: Open to undergraduate  
students in the College of Communication Arts and Sciences.  
Survey of health communication theory and research. Provides a substantive foundation  
of relevant theories, research, practices, and current issues related to health  
communication across interpersonal, group, organizational, and mediated communication.  
Effective Fall 2017 Effective Spring 2019
COM 340  Leadership and Group Communication
Fall of every year. Spring of every year. Summer of every year. 3(3-0) P: COM 300 or MKT 313 P: (COM 300 or concurrently) or MKT 313 R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the College of Communication Arts and Sciences or in the College of Education or in the Sales Communication Specialization. R: Open to sophomores or juniors or seniors in the Communication Major or in the Sales Communication Minor.
Theory and research on dyadic and group relations within organizations. Leadership, motivation, networks, decision making, and organizational taxonomy. Theory and research on dyadic and group relations within organizations. Leadership, motivation, decision making, and teamwork.
Effective Fall 2015  Effective Fall 2018

COM 375  Audience Response to Media Entertainment
Fall of every year. Spring of every year. Summer of every year. 3(3-0) P: COM 300 R: Open to juniors or seniors in the Eli Broad College of Business and the Eli Broad Graduate School of Management or in the College of Communication Arts and Sciences or in the College of Education. R: Open to sophomores or juniors or seniors in the College of Communication Arts and Sciences.
Theory and research on audience responses to media entertainment. Models of audience responses, reactions to violence in media, and children and the media.
Effective Fall 2015  Effective Fall 2018

COM 399  Special Topics in Communication
Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: COM 300 R: Open to juniors or seniors in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the College of Communication Arts and Sciences or in the College of Education. R: Open to juniors or seniors in the College of Communication Arts and Sciences.
Contemporary issues in communication.
Effective Summer 2018  Effective Fall 2019

COM 425  Communication in Close Relationships (W)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) P: (COM 225 and COM 300) and completion of Tier I writing requirement R: Open to juniors or seniors or graduate students in the Department of Communication.
In-depth treatment of current research and of theoretical and methodological issues.
Effective Fall 2014  Effective Fall 2018

COM 440  Organizational Communication Structure (W)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) P: COM 300 and COM 240) and completion of Tier I writing requirement R: Open to juniors or seniors or graduate students in the Department of Communication.
Systems approaches to information processing and communication structures in organizations.
Effective Fall 2014  Effective Fall 2018

COM 475  Communication Campaign Design and Analysis (W)
Fall of every year. Spring of every year. 4(4-0) P: (COM 275 and COM 300) or (ADV 325 and completion of Tier I writing requirement) P: (COM 275 and COM 300) or ((ADV 325 or ADV 425) and completion of Tier I writing requirement) R: Open to juniors or seniors or graduate students in the Department of Communication and open to students in the Public Relations Specialization. R: Open to juniors or seniors or graduate students in the Department of Communication or in the Public Relations Minor.
Design and analysis of campaigns presented through mediated channels including electronic and print media.
Effective Fall 2015  Effective Fall 2018
**DEPARTMENT OF ECONOMICS**

**EC 820B  Econometrics IB**  
Spring of every year. 3(3-0) P: EC 811A and EC 820A P: EC 820A  
*Effective Fall 2008 Effective Fall 2018*

**DEPARTMENT OF FINANCE**

**FI 380  Principles of Insurance and Risk Management**  
Fall of every year. 3(3-0) P: (FI 311 or FI 320) and (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) RB: Knowledge of calculus is recommended but not required. R: Approval of department. R: Open to students in the Insurance and Risk Management Minor or approval of department.  
Overview of 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 Fall 2017 Effective Fall 2018*

**FI 480  Financial Risk Management**  
Spring of every year. 3(3-0) P: (FI 311 or FI 320) and (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) RB: Knowledge of calculus is recommended but not required. R: Open to undergraduate students. R: Approval of department. R: 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 2018 Effective Fall 2018*

**FI 481  Crises, Insurance, and Risk Management**  
Fall of every year. 3(3-0) P: (FI 311 or FI 320) and (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) R: Open to undergraduate students. R: Approval of department. 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.  
*Effective Fall 2018*

**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 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 2013 Effective Fall 2018*

**FI 846  Financial Modeling and Simulation II**  
Fall of every year. Spring of every year. 1 to 3 credits. P: FI 845 or approval of department RB: FI 851 R: Open to master's students in the Finance major and open to MBA students or approval of department.  
Application of financial theory using computer modeling. Portfolio optimization, risk measurement, and option pricing.  
*Effective Fall 2013 Effective Fall 2018*
FI 859  Mergers and Acquisitions  Fall of every year, Spring of every year. 1 to 3 credits. P: MBA 832 or FI 801 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 2013 Effective Fall 2018

FI 863  Corporate Restructuring and Governance  Fall of every year, Spring of every year. 1 to 3 credits. P: (MBA 832 or FI 801) 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 2013 Effective Fall 2018

FI 891  Topics In Finance  Fall of every year, Fall of every year, Spring of every year. 1 to 3 credits. A student may earn a maximum of 9 credits in all enrollments for this course. P: (FI 801 or MBA 832) or (PIM 841 and PIM 842) Current and emerging issues in corporate finance, investments, and financial modeling to supplement and enrich existing courses.  Effective Fall 2013 Effective Fall 2018

FI 982  Investment Theory  Spring of even years, Spring of odd years. 3(3-0) RB: FI 980 R: Open only to doctoral students in the College of Business. R: Open to doctoral students in the Eli Broad College of Business and The Eli Broad Graduate School of Management. Market efficiency, stochastic processes, option pricing, efficient set mathematics, intertemporal asset pricing and arbitrage pricing theory.  Effective Fall 1995 Effective Fall 2018

SCHOOL OF HOSPITALITY BUSINESS

HB 345  Quantity Food Production Systems  Fall of every year. Spring of every year. 3(3-0) P: HB 265 P: HB 265 and HB 267 R: Open to juniors or seniors in the School of Hospitality Business. Organization of food and beverage operations. Product knowledge, especially purchasing, storing, preparing and production in food service operations. Menu development and recipe management.  Effective Spring 2013 Effective Summer 2019

HB 345L  Quantity Food Production Systems Laboratory  Fall of every year. Spring of every year. 1(0-2) P: HB 265 and (HB 345 or concurrently) P: HB 345 or concurrently R: Open to juniors or seniors in the School of Hospitality Business. Practical applications of organization in food and beverage operations. Product knowledge, especially purchasing, storing, preparing, and production in food service operations. Menu development and recipe management.  Effective Fall 2016 Effective Summer 2019

HB 405  Advanced Management of Food and Beverage Systems  Spring of every year. 3(3-0) P: HB 267 and HB 345 P: HB 345 R: Open to juniors or seniors in the School of Hospitality Business. Design of food and beverage control systems, emphasis on product purchasing (policies, suppliers, selection and evaluation, determination of quality and quantity, ethics and use of technology), inventory management and issuing systems, revenue control procedures and equipment.  Effective Fall 2016 Effective Summer 2019
HB 485  Hospitality Foodservice Operations
Fall of every year. Spring of every year. Summer of every year. 3(1-4) P: (HB 345) and ((HB 302 or concurrently) or (ACC 202 or concurrently) or (ACC 230 or concurrently)) R: Open to seniors in the School of Hospitality Business.
Beverage management and dining room service. Guest relations and current management topics. Emphasis on foodservice team projects.
Effective Summer 2018 Effective Summer 2019

DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

HDFS 961  Applied Structural Equation Modeling
Fall of every year. Spring of every year. 3(3-0) RB: HDFS 881
Application of structural equation models to data analysis.
Effective Spring 2018 Effective Spring 2019

HDFS 962  Longitudinal Structural Equation Modeling
Fall of every year. Spring of every year. Spring of every year. 3(3-0)
Application of structural equation modeling to the analysis of longitudinal data.
Effective Spring 2018 Effective Spring 2019

MSU COLLEGE OF LAW

LAW 549F  Comparative Free Expression
Spring of every year. 0 to 6 credits. P: (LAW 500C) and LAW 530J and (LAW 530D or LAW 530E or LAW 530F or LAW 530H) R: Open to Law students or master of laws students or law lifelong students or law non-degree students. R: Open to Law students or law advanced students or law lifelong students or law non-degree students. Not open to students with credit in LAW 549D.
Examination of approaches to free expression in a variety of different countries.
Effective Spring 2016 Effective Fall 2018

DEPARTMENT OF MATHEMATICS

MTH 314  Matrix Algebra with Applications
Matrix Algebra with Computational Applications
Fall of every year. Spring of every year. Summer of every year. 3(3-0) Interdepartmental with Computational Mathematics, Science, and Engineering. P: MTH 133 or MTH 153H or LB 119 P: (MTH 133 or MTH 153H or LB 119) and (CMSE 201 or CSE 231) R: Not open to students in the Actuarial Science Major or in the Bachelor of Arts in Computational Mathematics or in the Bachelor of Science in Computational Mathematics or in the Mathematics Minor or in the Bachelor of Science in Mathematics or in the Bachelor of Arts in Mathematics or in the Bachelor of Science in Mathematics, Advanced or in the Mathematics-Elementary Disciplinary Teaching Minor or in Mathematics-Secondary Disciplinary Teaching Minor. R: Not open to students in the Actuarial Science Major or in the Bachelor of Arts in Computational Mathematics or in the Bachelor of Science in Computational Mathematics or in the Bachelor of Science in Mathematics or in the Bachelor of Arts in Mathematics or in the Bachelor of Science in Mathematics, Advanced or in the Bachelor of Arts in Mathematics, Advanced or in the Mathematics Minor or in the Mathematics-Elementary Disciplinary Teaching Minor or in Mathematics-Secondary Disciplinary Teaching Minor.
Problem solving and applications in matrix algebra for scientists and engineers. Vectors, matrices, linear transformations, inner products, dimension, eigenvalues and eigenvectors. Applications to systems of equations and to geometry. Numerical methods in linear algebra with applications to systems of equations and eigenvalue problems, and geometry.
Effective Fall 2013 Effective Summer 2019
DEPARTMENT OF MEDICINE

MED 626  Physical Medicine and Rehabilitation Clerkship
Fall of every year. Spring of every year. Summer of every year. 6(6-0) 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Rehabilitation medicine using a comprehensive, multidisciplinary approach. Regimens for physical medicine procedures, occupational therapy, rehabilitation skills. Evaluation of disabled patients. Indications for electrodiagnostic procedures.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Summer 2018 Effective Summer 2019

MED 628  Advanced Internal Medicine
Advanced Internal Medicine: Senior Medicine Sub-Internship
Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. RB: MED 608 or HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Advanced clinical experiences to refine diagnostic and management skills in complicated general internal medicine patients.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Summer 2018 Effective Summer 2019

COLLEGE OF NURSING

NUR 920  Translation of Research and Scientific Knowledge to a Practice Setting
Spring of every year. 3(3-0) P: NUR 924 and NUR 939 or approval of college R: Open to doctoral students in the College of Nursing or in the Nursing Major or in the Nursing Practice Major or approval of college. R: Open to doctoral students in the College of Nursing or in the Nursing Major or approval of college.
Systematic approach to translating evidenced based knowledge to inform nursing practice, policy and delivery system change. Translation strategies to enhance health outcomes for those with chronic diseases and common health conditions. Systematic approach to translating evidenced based knowledge to inform nursing practice, policy and delivery system change. Translation strategies to enhance health outcomes in the areas of wellness, risk reduction and chronic illness.
Effective Summer 2018 Effective Fall 2018

NUR 921  Scientific Foundations of Nursing Knowledge Development
Fall of every year. Spring of every year. 3(3-0) R: Open to graduate students in the College of Nursing.
Philosophical, epistemological, ontological, and ethical foundations of nursing. Critically examines historical factors in the evolution of nursing theory. Philosophical, epistemological, ontological, and ethical foundations of nursing. Historical factors and new perspectives in the evolution of nursing theory.
Effective Summer 2017 Effective Fall 2018

NUR 924  Designing Interventions for Improving Health Outcomes
Summer of every year. 3(3-0) P: NUR 930 P: NUR 921 and NUR 939 or approval of college R: Open to doctoral students in the College of Nursing or in the Nursing Major.
Foundation for designing, implementing, and evaluating health related interventions to improve health outcomes for individuals, groups, and populations. Foundation for designing, implementing and evaluating nursing interventions for wellness, risk reduction, and chronic illness management across the lifespan.
Effective Fall 2016 Effective Fall 2018
NUR 930  Methods In Clinical Research
Fall of every year. 3(3-0) P: NUR 924 and NUR 939 or approval of college R: Open to doctoral students in the College of Nursing or approval of college.
Advanced research designs, measurement and data collection strategies. Draws on a broad range of behavioral and health disciplines relevant to nursing. Logic of statistical models used in the evaluation of research designs and measures. Advanced research designs, measurement and data collection strategies for a broad range of behavioral and health disciplines relevant to wellness, risk reduction, and chronic illness.
Effective Fall 2017 Effective Fall 2018

NUR 950  Nursing Research Seminar I
Fall of every year. 1(1-0) R: Open to doctoral students in the College of Nursing or in the Nursing Major or approval of college.
Socialization of doctoral study and research environment. Roles and responsibilities of clinical nurse researcher. Pragmatic facets of research process and environment. Socialization of student to doctoral study and research environment. Roles and responsibilities of clinical nurse researcher including responsible conduct of research. Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Spring 2012 Effective Fall 2018

NUR 951  Nursing Research Seminar II
Spring of every year. 1(1-0) P: NUR 950 P: NUR 950 or approval of college R: Open to doctoral students in the College of Nursing or in the Nursing Major or approval of college.
Continuation of NUR 950. Socialization to doctoral study and research environment. Responsibilities of clinical nurse researcher including responsible conduct of research. Synthesis of course work and relevant research methodologies into own research. Dissemination of research. Continuation of NUR 950 to advance development as a clinical scholar, program of study, and plan toward unique area of inquiry. Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Spring 2012 Effective Fall 2018

DEPARTMENT OF OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE BIOLOGY

OGR 609  Advanced Gynecology Clerkship
Fall of every year. Spring of every year. Summer of every year. 6(6-0) 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: OGR 608 or OGR 641 R: OGR 608 R: Open to graduate-professional students in the College of Human Medicine.
Additional exposure to gynecology in the preceptor mode. Participation in outpatient gynecology and inpatient care, including surgery. Request the use of the Pass-No Grade (P-N) system. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Summer 2015 Effective Fall 2018

OGR 614  Advanced Obstetrics Clerkship
Fall of every year. Spring of every year. Summer of every year. 6(6-0) 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: OGR 608 or OGR 641 R: OGR 608 R: Open to graduate-professional students in the College of Human Medicine.
Additional exposure to obstetrics in the preceptor mode. Participation in ambulatory and inpatient obstetrical care, including surgery. May include maternal-fetal medicine. Request the use of the Pass-No Grade (P-N) system. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Summer 2015 Effective Fall 2018
DEPARTMENT OF PHARMACOLOGY AND TOXICOLOGY

PHM 483  
Antimicrobial Chemotherapy  
Chemotherapy of Infectious Diseases  
Fall of every year. Spring of every year. 3(3-0) P: (PHM 350 or concurrently) and (PHM 461 or concurrently) RB: Biology, microbiology, or biochemistry. R: Approval of department. Major human bacterial, viral, and fungal infections including disease characteristic, epidemiologic and clinical features, pathology, laboratory diagnosis, case reviews, and pharmacologic treatment including drug kinetics, dynamics, drug interactions and patient considerations.  
Effective Fall 2018  Effective Summer 2019

DEPARTMENT OF SUPPLY CHAIN MANAGEMENT

SCM 463  
Supply Chain Enterprise Resource Planning Applications  
Fall of every year. On Demand. 1(1-0) 1 to 3 credits. R: Open to seniors in the Department of Supply Chain Management or approval of department. Workshop with hands-on experience in enterprise resource planning applications.  
Effective Fall 2017  Effective Spring 2019

DEPARTMENT OF WRITING, RHETORIC AND AMERICAN CULTURES

WRA 202  
Introduction to Professional Writing  
Introduction to Professional and Public Writing  
Fall of every year. Spring of every year. 3(3-0) P: Completion of Tier I Writing Requirement R: Open to students in the Professional Writing Major or approval of department. Open to students in the Professional and Public Writing Major or approval of department. Basic principles of rhetoric and composition applied to professional writing. Page design, definition of the field, research tools and practices, genres and conventions, and professional style. Principles of rhetoric and writing applied to professional and public writing, with emphasis on writing as social and professional action. Definition and major theories of the field, research tools and practices, genres and conventions, and professional style. SA: AL 202  
Effective Fall 2015  Effective Fall 2019

WRA 210  
Introduction to Web Authoring  
Fall of every year. Spring of every year. 3(3-0) P: (WRA 202 or concurrently) and completion of Tier I writing requirement P: (WRA 202 or concurrently) or (WRA 260 or concurrently) R: Open to students in the College of Arts and Letters or in the Professional Writing Major or approval of department. R: Open to students in the Professional and Public Writing Major and open to students in the Experience Architecture Major or approval of department.  
Effective Fall 2015  Effective Fall 2019

WRA 225  
Introduction to Multimedia Writing  
Introduction to Composing Digital for Video  
Fall of every year. 3(3-0) P: (WRA 202 or concurrently) and completion of Tier I writing requirement P: (WRA 202 or concurrently) or (WRA 260 or concurrently) R: Open to undergraduate students in the Professional and Public Writing Major. Writing, directing, critiquing, and producing digital compositions that include multiple media. Professional writing, visual rhetoric, and design theories applied to multimedia short subjects. Rhetorical and design theories applied to digital video composing and producing. Analyzing and composing digital video for professional and public contexts. SA: WRA 417  
Effective Fall 2015  Effective Fall 2019
WRA 260  **Rhetoric, Persuasion, and Culture**  
Writing, Rhetoric, Cultures, and Community  
Fall of every year. Spring of every year. 3(3-0)  
P: Completion of Tier I Writing Requirement  
R: Open to undergraduate students in the College of Arts and Letters  
R: Open to undergraduate students in the Professional and Public Writing Major and open to students in the Experience Architecture Major or approval of department.  
Rhetorical analysis of consumer, corporate, organizational, and popular cultures appropriate to professional settings. Introduction to rhetorical practices, processes, and strategies. Study of intersections of rhetorical theories and cultural engagement, with emphasis on analyzing and composing for different professional and public settings. Exploration of different knowledge-making processes and influences on writing. Reading- and discussion-intensive course.  
SA: AL 260  
Effective Fall 2015 Effective Fall 2019

WRA 290  **Independent Study**  
Fall of every year. Spring of every year. Summer of every year. On Demand. 1 to 4 credits.  
A student may earn a maximum of 8 credits in all enrollments for this course.  
P: Completion of Tier I Writing Requirement  
RB: ((WRA 202 or concurrently) or (WRA 260 or concurrently)) and completion of Tier I writing requirement  
R: Open to sophomores. Approval of department.  
R: Open to undergraduate students in the Professional and Public Writing Major. Approval of department.  
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.  
SA: ATL 290  
Effective Fall 2015 Effective Fall 2019

WRA 291  **Special Topics**  
Fall of every year. Spring of every year. Summer of every year. 3(3-0) 1 to 4 credits.  
A student may earn a maximum of 8 credits in all enrollments for this course.  
P: Completion of Tier I Writing Requirement  
R: Open to undergraduate students in the Professional and Public Writing Major.  
R: Open to undergraduate students in the Professional and Public Writing Major.  
Special topics in professional writing. Topics vary. Writing- and reading-intensive course on special topics in professional and public writing. Topics vary.  
Effective Summer 2013 Effective Fall 2019

WRA 308  **Invention in Writing**  
Fall of odd years. 3(3-0)  
P: Completion of Tier I Writing Requirement  
R: Open to students in the Professional Writing Major or approval of department.  
Theory and practice of invention in writing. Strategies and theories of generating and exploring thought in civic and professional writing contexts. Theory and practice of invention and creative practices in professional and public writing. Strategies and theories for brainstorming, ideating, and innovating in civic and professional writing contexts. Orientation toward wide range of knowledge's and approaches to knowledge-making and writing.  
SA: AL 308  
Effective Fall 2015 Effective Fall 2019

WRA 320  **Technical Communication (W)**  
Spring of every year. 3(3-0)  
P: (WRA 202) and completion of Tier I writing requirement  
P: WRA 202 or WRA 260  
R: Open to students in the Professional Writing Major and open to students in the Department of Forestry and open to students in the Experience Architecture Major or approval of department.  
R: Open to undergraduate students in the Professional and Public Writing Major and open to undergraduate students in the Department of Forestry and open to undergraduate students in the Experience Architecture Major or approval of department.  
Principles and practices of communicating technical information for different audiences and purposes, and across multiple media. Methods of audience-based research, information design, project management, and technical style (verbal and visual). Principles and practices of communicating technical and procedural information for different audiences. Methods of audience-based research, information design, project management, and technical style.  
SA: AL 320  
Effective Summer 2017 Effective Fall 2019
WRA 330  Writing Research in Communities and Cultures  
Fall of every year. 3(3-0)  P: (WRA 202) and completion of Tier I writing requirement  
P: (WRA 202 or concurrently) or (WRA 260 or concurrently)  
RB: ISS 300-level course  
R: Open to undergraduate students in the Professional and Public Writing Major or approval of department.  
Writing and research methods in and with local, global, and online communities and organizations. Topics include methods of field research, textual analysis, and the ethics of representation.  
Writing and research methods in and with local, global, and online communities and organizations. Topics include methods of field research, textual analysis, working with quantitative and qualitative data, and ethics of representation. Focus on the ways in which culture informs and influences community and writing by/with communities.  
Effective Fall 2015  Effective Fall 2019

WRA 331  Writing in the Public Interest  (W)  
Spring of every year. 3(3-0)  P: (WRA 202) and completion of Tier I writing requirement  
P: (WRA 202 or WRA 260) and completion of Tier I writing requirement  
R: Open to students in the Department of Forestry or in the Professional Writing Major or approval of department.  
Open to students in the Department of Forestry or in the Professional and Public Writing Major or approval of department.  
Various forms of public writing and rhetoric and their roles in civic and public culture. Emphasis on nonprofit communication practices, tools, and genres, and orientation toward culture and its influence on public and community writing. Practice in modes of public and civic discourse, including deliberative strategies and a range of public literacies.  
Various forms of public writing and rhetoric and their roles in civic and public culture. Emphasis on nonprofit communication practices, tools, and genres, and orientation toward culture and its influence on public and community writing. Practice in modes of public and civic discourse, including deliberative strategies and a range of public literacies with attention to cultural engagement.  
SA: AL 331  
Effective Fall 2015  Effective Fall 2019

WRA 355  Writing for Publication Workshop  
Summer of every year. 3(3-0)  P: Completion of Tier I Writing Requirement  
P: WRA 202 or WRA 260  
R: Open to undergraduate students or approval of department.  
R: Open to undergraduate students in the Professional and Public Writing Major or approval of department.  
Workshop for students developing writing for a variety of print and online publications.  
Workshop for students developing writing for a variety of print and online publications. Discussion of and practice with freelance writing, author guidelines, and editorial processes.  
SA: AL 355  
Effective Fall 2015  Effective Fall 2019

WRA 360  Visual Rhetoric  Design of Print and Digital Documents  
Fall of every year. Spring of every year. 4(4-0)  P: (WRA 202) and completion of Tier I writing requirement  
or (AL 242 and completion of Tier I writing requirement)  
P: (WRA 202 or concurrently) or (WRA 260 or concurrently)  
R: Open to students in the College of Arts and Letters or in the Professional Writing Major or approval of department.  
R: Open to students in the Professional and Public Writing Major and open to undergraduate students in the Experience Architecture Major or approval of department.  
Visual literacy, design, and rhetoric. Effects of visual elements in print and online documents. Intensive writing and design. Rhetorical and cultural dimensions of composing and designing print and digital documents. Analysis and composing of documents with attention to rhetorical affordances including typography, and color theory.  
SA: AL 360  
Effective Fall 2015  Effective Fall 2019

WRA 370  Introduction to Grammar and Editing  (W)  
Fall of every year. Spring of every year. 3(3-0)  P: (WRA 202) and completion of Tier I writing requirement  
P: (WRA 202 or WRA 260) and completion of Tier I writing requirement  
R: Open to students in the Professional Writing Major or approval of department.  
R: Open to undergraduate students in the Professional and Public Writing Major or approval of department.  
Theories, practice, and processes of grammar, style, and rhetorical issues for professional writers. Principles and practices of copyediting for professional and public writers, with special attention to grammar, style, and rhetorical issues.  
Effective Summer 2016  Effective Fall 2019
WRA 401  Writing and Leadership in the Professions
Rhetoric, Leadership, and Innovation
Spring of every year. Summer of every year. 3(3-0) P: Completion of Tier I Writing Requirement P: WRA 202 or WRA 260 R: Open to undergraduate students in the Professional and Public Writing Major or approval of department.

Designed to support the learning of the basics of workplace communication. Focus on core rhetorical skills used across diverse businesses and organizations. Exploration of rhetorical theories applied to managing and leading communication in civic and professional organizations. Emphasis on team dynamics and on managing and leading teams and projects. Discussion of entrepreneurial thinking in professional and public writing.

Effective Summer 2016 Effective Fall 2019

WRA 410  Advanced Web Authoring
Spring of every year. 3(3-0) P: (WRA 210) and completion of Tier I writing requirement P: (WRA 202 or WRA 260) and WRA 210 R: Open to students in the Professional Writing major and open to students in the Rhetoric and Writing major or approval of department. R: Open to students in the Digital Rhetoric and Professional Writing Major or in the Professional and Public Writing Major and open to students in the Experience Architecture Major or approval of department.

Developing and maintaining large-scale, interactive Web sites. Visual design, usability, audio and video integration, ongoing site management, and web accessibility. Introduction to team-based approaches to web development, with focus on rhetorical strategies and ethical practices. Visual design, usability, media integration, site management and sustainability, and web accessibility. Grounded in content-management systems and advanced programming languages.

SA: AL 410
Effective Fall 2015 Effective Fall 2019

WRA 415  Digital Rhetoric
Fall of every year. Spring of every year. 3(3-0) P: (WRA 202) and completion of Tier I writing requirement P: WRA 202 or WRA 260 R: Open to students in the Professional Writing major and open to students in the Rhetoric and Writing major or approval of department. R: Open to students in the Professional and Public Writing Major and open to students in the Digital Rhetoric and Professional Writing Major or approval of department.

Rhetorical, social, political, economic, and ethical dimensions of digital communication, including identity, community, genre, and events. Rhetorical dynamics of communication across digital spaces such as apps, websites, software, and other experiences.

SA: AL 415
Effective Fall 2016 Effective Fall 2019

WRA 420  Content Strategy
Spring of every year. 3(3-0) P: (WRA 320) and completion of Tier I writing requirement P: WRA 320 R: Open to students in the Professional Writing Major and open to graduate students in the Department of Writing, Rhetoric and American Cultures or in the Professional Writing Major or approval of department. R: Open to students in the Professional and Public Writing Major and open to graduate students in the Department of Writing, Rhetoric and American Cultures and open to undergraduate students in the Experience Architecture Major or approval of department.

Applied theory and best practices for content strategy. Understanding the content management lifecycle, aligning content strategy to business goals, assessing communication needs for audiences and participants. Issues in project leadership, management, intellectual property, and organizational communication for creating flexible, dynamic content and content structures. Exploration of theory, practice, and ethics of content strategy in professional and public writing settings. Understanding the content management life cycle, aligning content strategy to various goals, assessing communication needs for audiences and participants. Issues in project leadership, management, intellectual property, and organizational communication for creating flexible, dynamic content and content structures.

Effective Summer 2016 Effective Fall 2019
PART III – COURSE CHANGES

WRA 425  Advanced Multimedia Writing
Spring of every year. 3(3-0) P: (WRA 202 and WRA 225) and completion of Tier I writing requirement RB: Experience with multimedia writing and production. Professional writing, visual rhetoric, and design theories applied to multimedia projects. Advanced work in writing, directing, critiquing, and producing digital compositions that include multiple media and large-scale projects.
DELETE COURSE
Effective Fall 2019

WRA 441  Social Justice as Rhetorical Practice
Fall of odd years. 3(3-0) P: Completion of Tier I Writing Requirement P: (WRA 202 or WRA 260) and completion of Tier I writing requirement R: Open to students in the Department of Writing, Rhetoric and American Cultures or approval of department.
Rhetorical, cultural, and historical analyses of significant texts in peace and justice movements; production of effective texts in support of social, economic, and environmental justice and social entrepreneurship. Rhetorical, cultural, and historical analyses of significant texts in peace and justice movements. Production of effective texts in support of social, economic, and environmental justice and social entrepreneurship.
Effective Fall 2017 Effective Fall 2019

WRA 453  Grant and Proposal Writing
Fall of every year. 3(3-0) P: (WRA 202) and completion of Tier I writing requirement P: WRA 202 or WRA 260 R: Open to students in the Department of Forestry or in the Professional Writing major and open to students in the Rhetoric and Writing major or approval of department. R: Open to students in the Department of Forestry or in the Professional and Public Writing Major or approval of department.
Researching and writing grants and proposals for corporations, nonprofit organizations, businesses, and government agencies. Researching and writing grants and proposals for corporations, nonprofit organizations, businesses, and government agencies. Rhetorical dimensions of pitching and proposing, with various moves and methods of support such as preparing rationale statements, and creating budgets.
SA: AL 453
Effective Fall 2015 Effective Fall 2019

WRA 455  Portfolio Seminar
Spring of every year. 3(3-0) P: (WRA 202) and completion of Tier I writing requirement P: WRA 202 and WRA 260 R: Open to seniors in the Professional Writing Major and open to seniors in the Department of Writing, Rhetoric and American Cultures. R: Open to seniors in the Department of Writing, Rhetoric and American Cultures.
Workshop for students preparing professional document portfolios in print and digital formats, including application materials for career, graduate study, and professional positions. Workshop for students preparing professional document portfolios in print and digital formats, including application materials for careers in professional and public writing or for graduate study.
Effective Summer 2016 Effective Fall 2019

WRA 460  Advanced Visual Rhetoric and Document Design
Spring of every year. 3(3-0) P: (WRA 202 and WRA 360) and completion of Tier I writing requirement R: Open to students in the Department of Writing, Rhetoric and American Cultures or in the Experience Architecture Major or approval of department.
Develop and manage document design projects with clients, using iterative and participatory design and research methods. Research, design, project management, and client communication skillsets in visual rhetoric, professional writing, and document design.
DELETE COURSE
Effective Fall 2019
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Offered</th>
<th>Credits</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRA 471</td>
<td>The Rhetoric of Grammar</td>
<td>Spring of every year. 3(3-0)</td>
<td>P: WRA 370 R: Open to students in the Professional Writing Major or approval of department.</td>
<td>Rhetoric of Grammar, style, and language debates, paying special attention to the role of rhetorical context in ideas of grammaticality and appropriateness. Rhetorical, cultural, and ethical dimensions of grammar and style, paying special attention to the role of rhetorical context in ideas of grammaticality and appropriateness.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Effective Fall 2016 Effective Fall 2019</td>
</tr>
<tr>
<td>WRA 480</td>
<td>Publication Management I</td>
<td>Fall of every year. 3(3-0)</td>
<td>A student may earn a maximum of 6 credits in all enrollments for this course. P: ((WRA 202 and WRA 370) or approval of department) and completion of Tier I writing requirement</td>
<td>Experience in publication processes: creating, designing, editing, and managing periodical, book, or online publications. Copyediting, developmental editing, design and layout, distribution and publicity. Rhetorical approaches to editing. Team processes involved in designing and editing publications. History of publishing. Experience in publication processes: creating, designing, editing, and managing periodical, book, or online publications. Copyediting, developmental editing, design and layout, distribution and publicity. Rhetorical approaches to editing. Team processes involved in designing and editing publications.</td>
</tr>
<tr>
<td></td>
<td>Publication Management</td>
<td></td>
<td></td>
<td>View All</td>
</tr>
<tr>
<td>WRA 481</td>
<td>Publication Management II</td>
<td>Spring of every year. 3(3-0)</td>
<td>P: WRA 202 and WRA 370 and completion of Tier I writing requirement</td>
<td>Experience in publication processes: creating, designing, editing, and managing periodical, book, or online publications. Copyediting, developmental editing, design and layout, distribution and publicity. Rhetorical approaches to editing. Team processes involved in designing and editing publications. History of publishing.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>View All</td>
</tr>
<tr>
<td>WRA 482</td>
<td>Information and Interaction Design</td>
<td>Fall of even years. 3(3-0)</td>
<td>P: WRA 210 or WRA 410 and completion of Tier I writing requirement</td>
<td>Design of information systems for professional writers. Pitching ideas. Developing information and interfaces. User-centered design lifecycle. Activity analysis, object-oriented modeling, prototyping, and technical specifications, and implementation planning.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Effective Fall 2016 Effective Fall 2019</td>
</tr>
<tr>
<td>WRA 490</td>
<td>Independent Study</td>
<td>Fall of every year. Summer of every year. 1 to 3 credits, 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. P: Completion of Tier I writing requirement</td>
<td>Special project, directed reading and research. Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.</td>
<td>Effective Fall 2016 Effective Fall 2019</td>
</tr>
</tbody>
</table>
PART III – COURSE CHANGES

WRA 491 Special Topics
Fall of every year. Spring of every year. Summ... credit. A student may earn a maximum of 8 credits in all enrollments for this course. P: Completion of Tier I Writing Requirement P: WRA 202 or WRA 260. R: Open to undergraduate students and open to graduate professional students. P: WRA 202 or WRA 260 R: Open to undergraduate students and open to graduate professional students.

Writing and reading intensive course on special topics in professional writing. Topics vary. Writing-and reading-intensive special topics in professional and public writing. Topics vary. Effective Fall 2014 Effective Fall 2019

WRA 493 Internship in Professional Writing
Internship in Public or Professional Writing
Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: (WRA 202 and WRA 210 and WRA 260 and WRA 360) or approval of department) and completion of Tier I writing requirement P: (WRA 202 or WRA 260) or approval of department) and (WRA 325 or WRA 360) R: Open to students in the Professional Writing major and not open to freshmen or sophomores. Approval of department. R: Open to juniors or seniors in the Professional and Public Writing Major. Approval of department.

Supervised work as writers and editors in a corporate, organizational, or publishing setting. Required online assignments. Supervised work as writers and editors in an organizational setting.SA: AL 493E, WRA 493E, WRA 493D Effective Fall 2014 Effective Fall 2019

WRA 499 International Research in Professional Writing
International Research in Public or Professional Writing
Summer of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: (WRA 202 or approval of department) and completion of Tier I writing requirement P: (WRA 202 or WRA 260) and completion of Tier I writing requirement RB: WRA 330 R: Approval of department.

Supervised research experiences in research in professional writing topics and sites. Supervised research experiences in professional or public writing topics and sites. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment. Effective Summer 2014 Effective Fall 2019