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.
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.

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

- **P:** Prerequisite monitored in SIS
- **C:** Corequisite
- **R:** Restriction
- **RB:** Recommended background
- **SA:** Semester Alias
PART I - NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

1. Change the requirements for the Agricultural Technology Certificate in Agricultural Operations in The Institute of Agricultural Technology.

a. Under the heading Requirements for Agricultural Operations make the following change:

(1) Change the total credits for the program from ‘60 to 65’ to ‘60’.

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSS 105</td>
<td>Agricultural Industries Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CSS 143</td>
<td>Introduction to Soil Science</td>
<td>2</td>
</tr>
<tr>
<td>PLP 105</td>
<td>Fundamentals of Applied Plant Pathology</td>
<td>2</td>
</tr>
</tbody>
</table>

Add the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 100</td>
<td>Career Development in Agricultural Technology</td>
<td>1</td>
</tr>
<tr>
<td>CSS 203</td>
<td>World of Soils</td>
<td>2</td>
</tr>
<tr>
<td>PLP 105</td>
<td>Fundamentals of Applied Plant Pathology</td>
<td>1</td>
</tr>
<tr>
<td>PLP 105L</td>
<td>Fundamentals of Applied Plant Pathology Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

(3) In item 3., delete the following sentence:

Students at Muskegon Community College are required to complete 28 additional credits of course work. Students at Southwestern Michigan College are required to complete 30 to 31 additional credits of course work.

(4) Delete the note: ‘A minimum of 50% of the credits must be completed through the College of Agriculture and Natural Resources.

Effective Spring 2024.

2. Change the requirements for the Agricultural Technology Certificate in Food Processing, Technology and Safety in The Institute of Agricultural Technology.

a. Under the heading Requirements for Food Processing, Technology and Safety make the following changes:

(1) Change the total credits from ‘60 to 62’ to ‘60’.

(2) In item 3., add ‘Lansing Community College’.

(3) In item 3., delete ‘Students at Muskegon Community College are required to complete 28 additional credits of course work’.

Effective Spring 2024.
3. Change the requirements for the **Agricultural Technology Certificate** in **Fruit and Vegetable Crop Management** in The Institute of Agricultural Technology.

a. Under the heading **Requirements for Fruit and Vegetable Crop Management** make the following changes:

   (1) Change the total credits from ‘60 to 62’ to ‘48’.

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

   - **CSS 143 Introduction Soil Science** 2
   - **PLP 105 Fundamentals of Applied Plant Pathology** 2

   Add the following courses:

   - **CSS 203 World of Soils** 2
   - **PLP 105 Fundamentals of Applied Plant Pathology** 1
   - **PLP 105L Fundamentals of Applied Plant Pathology Lab** 1

   (3) In item 2., change the elective credits from ‘8’ to ‘3’.

   (4) In item 3., change the elective credits from ‘30’ to ‘23’.

   (5) In item 3., delete ‘Students at Muskegon Community College are required to complete 32 additional credits of course work’.

   (6) Delete the note: ‘A minimum of 50% of the credits must be completed through the College of Agriculture and Natural Resources.

   **Effective Spring 2024.**

4. Change the requirements for the **Agricultural Technology Certificate** in **Fruit, Vegetable, and Organic Horticulture Management** in The Institute of Agricultural Technology.

a. Under the heading **Requirements for Fruit, Vegetable, and Organic Horticulture Management** make the following changes:

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

   - **AT 045 Agricultural Communications** 2
   - **AT 071 Technical Mathematics** 2
   - **HRT 206 Training and Pruning Plants** 1
   - **HRT 218 Irrigation Systems for Horticulture** 3
   - **PLP 105 Fundamentals of Applied Plant Pathology** 2

   Add the following courses:

   - **HRT 203 Introduction to Horticulture** 3
   - **HRT 204 Plant Propagation and Use** 3
   - **HRT 218 Irrigation Systems for Horticulture** 2
   - **PLP 105 Fundamentals of Applied Plant Pathology** 1
   - **PLP 105L Fundamentals of Applied Plant Pathology Lab** 1

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

   - **ABM 100 Decision-making in the Agri-Food System** 3
   - **ABM 222 Agribusiness and Food Industry Sales (W)** 3
   - **AT 055 Agricultural Finance** 3
   - **HRT 203 Principles of Horticulture** 3
   - **HRT 204 Plant Propagation** 2
   - **HRT 221 Greenhouse Structures and Management** 3
Add the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE 151</td>
<td>Fabrication Technology</td>
<td>2</td>
</tr>
<tr>
<td>AE 153</td>
<td>Engine and Equipment Technology</td>
<td>2</td>
</tr>
<tr>
<td>AFRE 130</td>
<td>Farm Management I</td>
<td>3</td>
</tr>
<tr>
<td>AFRE 222</td>
<td>Agribusiness and Food Industry Sales</td>
<td>3</td>
</tr>
<tr>
<td>AT 202</td>
<td>Agricultural Regulation, Compliance and Safety</td>
<td>3</td>
</tr>
<tr>
<td>CSS 124</td>
<td>Introduction to Sustainable Agriculture and Food Systems</td>
<td>2</td>
</tr>
<tr>
<td>CSS 135</td>
<td>Crop Scouting and Investigation</td>
<td>3</td>
</tr>
<tr>
<td>HRT 218L</td>
<td>Irrigation Systems for Horticulture Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Effective Spring 2024.

5. Change the requirements for the Agricultural Technology Certificate in Landscape Management in The Institute of Agricultural Technology.

a. Under the heading Requirements for Landscape Management make the following change:

(1) Change the total credits from '60 to 62' to '48'.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSS 143</td>
<td>Introduction to Soil Science</td>
<td>2</td>
</tr>
<tr>
<td>HRT 218</td>
<td>Irrigation Systems for Horticulture</td>
<td>3</td>
</tr>
<tr>
<td>PLP 105</td>
<td>Fundamentals of Applied Plant Pathology</td>
<td>2</td>
</tr>
</tbody>
</table>

Add the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSS 203</td>
<td>World of Soils</td>
<td>2</td>
</tr>
<tr>
<td>HRT 218</td>
<td>Irrigation Systems for Horticulture</td>
<td>2</td>
</tr>
<tr>
<td>PLP 105</td>
<td>Fundamentals of Applied Plant Pathology</td>
<td>1</td>
</tr>
<tr>
<td>PLP 105L</td>
<td>Fundamentals of Applied Plant Pathology Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

(3) Delete item 2.

(4) Renumber item 3. to item 2. And change the total credits from ‘30’ to ‘22’. And delete the following statement: ‘Students at Muskegon Community College are required to complete 32 additional credits of course work’.

(5) Delete the note: ‘A minimum of 50% of the credits must be completed through the College of Agriculture and Natural Resources.’

Effective Spring 2024.

6. Change the requirements for the Agricultural Technology Certificate in Viticulture in the Institute of Agricultural Technology.

a. Under the heading Requirements for Viticulture make the following changes:

(1) Change the total credits from ‘60’ to ‘48’.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSS 143</td>
<td>Introduction to Soil Science</td>
<td>2</td>
</tr>
<tr>
<td>PLP 105</td>
<td>Fundamentals of Applied Plant Pathology</td>
<td>2</td>
</tr>
</tbody>
</table>

Add the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSS 203</td>
<td>World of Soils</td>
<td>2</td>
</tr>
<tr>
<td>PLP 105</td>
<td>Fundamentals of Applied Plant Pathology</td>
<td>1</td>
</tr>
<tr>
<td>PLP 105L</td>
<td>Fundamentals of Applied Plant Pathology Lab</td>
<td>1</td>
</tr>
</tbody>
</table>
(3) Change the total credits in item 2. from ‘7’ to ‘3’.

(4) Change the total credits in item 3. from ‘30’ to ‘22’.

(5) Delete the note: ‘A minimum of 50% of the credits must be completed through the College of Agriculture and Natural Resources’.

Effective Spring 2024.

7. Change the requirements for the Bachelor of Science degree in Dietetics in the Department of Food Science and Human Nutrition.

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

(1) In item 1., replace paragraph two with the following:

The University's Tier II writing requirement for the Dietetics major is met by completing Human Nutrition and Foods 411. That course is referenced in item 3. a. below.

(2) In item 3. a., make the following changes:

(a) Change the total credits from ‘45’ to ‘48’.

(b) Delete the following course:

HNF 377L Applied Nutrition Assessment Laboratory 1

Add the following courses:

HNF 378 Applied Nutrition Assessment Laboratory 1
HNF 411 Research Methods in Dietetics 3

Effective Spring 2024.

COLLEGE OF ARTS AND LETTERS

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

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

(1) Renumber items 3. a. (2) and (3) to (3) and (4) respectively.

(2) Add the following item 3. a. (2):

Completion of the following course (1 credit):

AL 240 Interdisciplinary Inquiry for the Humanities 1

(3) Delete item 3. b.:

At least 6 credits in courses that involve quantitative reasoning skills selected from areas such as the following: mathematics, computer science, economics, statistics and probability, logic, management, business, and research or creative methodology. Both the area and the related courses must be approved by the student’s academic advisor. Courses used to fulfill the University Mathematics requirement may not be used to fulfill this requirement.

Effective Spring 2024.
2. Change the requirements in the **Master of Arts** degree in **German Studies** in the Department of Linguistics, Languages and Cultures. The University Committee on Graduate Studies (UCGS) approved this request at its September 18, 2023 meeting.

   a. Under the heading **Admission** in paragraph one, replace items 1. and 2. with the following:
      1. Submit a 500-word personal statement that addresses the applicant's goals for pursuing a Master of Arts degree in German Studies at MSU.
      2. Submit a portfolio of representative work in German.

   Effective Spring 2024.

3. Change the requirements in the **Doctor of Philosophy** degree in **German Studies** in the Department of Linguistics, Languages and Cultures. The University Committee on Graduate Studies (UCGS) approved this request at its September 18, 2023 meeting.

   a. Under the heading **Admission** in paragraph one, replace items 2. and 4. with the following:
      2. Submit a 500-word personal statement that addresses the applicant's goals for pursuing a Doctor of Philosophy degree in German Studies at MSU and the applicant's research interests.
      4. Submit a writing sample, either a significant paper or a master's project, written in German and illustrative of the applicant's scholarly abilities.

   Effective Spring 2024.

4. Change the name of the **Disciplinary Teaching Minor** in Teaching English to Speakers of Other Languages in the Department of Linguistics, Languages and Cultures to **English as a Second Language**. The Teacher Education Council (TEC) approved this request at its September 25, 2023 meeting.

   Effective Spring 2024, no new students are to be admitted to the Disciplinary Teaching Minor in Teaching English to Speakers of Other Languages. Effective Spring 2024, no students are to be readmitted to the Disciplinary Teaching Minor in Teaching English to Speakers of Other Languages. Effective Spring 2024, coding for the Disciplinary Teaching Minor in Teaching English to Speakers of Other Languages will be discontinued and the program will no longer be available in the Department of Linguistics, Languages and Cultures. Effective Summer 2024, students admitted to the minor will be awarded a Disciplinary Teaching Minor in English as a Second Language.

5. Change the requirements for the **Disciplinary Teaching Minor in English as a Second Language** in the Department of Linguistics, Languages and Cultures. The Teacher Education Council (TEC) approved this request at its September 25, 2023 meeting.

   a. Under the heading **ENGLISH AS A SECOND LANGUAGE** replace the entire entry with the following:

      1. Complete either a. or b., and c. (6 or 7 credits):
         a. LLT 322 English as a Second Language Perspectives in Context 3
         b. LIN 200 Introduction to Language 3
         or
         LIN 401 Introduction to Linguistics 4
         c. ANP 420 Language and Culture 3
         or
         LIN 471 Sociolinguistics 3

      2. Complete one of the following courses (3 credits):
         TE 301 Children's Literacy Development (W) 3
         TE 302 Literacy and Adolescent Learners in School and Community Contexts 3

      3. Complete one of the following courses (3 credits):
         LLT 361 Second and Foreign Language Learning 3
         LLT 362 Child Second Language Learning 3
4. Complete all of the following courses (16 credits):
   - LLT 307  Methods of Second and Foreign Language Teaching 3
   - LLT 346  Pedagogical English Grammar for English Teachers 3
   - TE 101  Social Foundations of Justice and Equity in Education 3
   - TE 341  Teaching and Learning of (Bi)Multilingual Learners 3
   - TE 342  Teaching Methods for (Bi)multilingual Learners 3
   - TE 503  Internship in Teaching Diverse Learners in Additional Endorsement Areas 1

5. Proof of proficiency in an additional language equivalent to two semesters of study. 25 to 29

The Teaching English to Speakers of Other Languages minor must be completed in combination with an academic core major. Students should see an academic advisor in the College of Education for more information.

Effective Summer 2024.

**ELI BROAD COLLEGE OF BUSINESS**

1. Change the requirements for the Bachelor of Arts degree in Human Resource Management in the Department of Management.
   a. Under the heading Requirements for the Bachelor of Arts Degree in Human Resource Management make the following changes:
      
      (1) In item 1., delete the following statement:
          
          The completion of Mathematics 103 and 124 [referenced in item 2. below] may also satisfy the University mathematics requirement.
          
      (2) In item 3. a. (2), add the following statement to the requirement:
          
          No more than 6 credits of courses offered outside the Department of Management may count toward fulfilling this requirement.
          
      (3) In item 3. a. (2), delete the following course:
          
          MGT 418  Labor Management Relations 3
          
          Add the following courses:
          
          EC 380  Labor Relations and Labor Market Policy 3
          HRLR 313  Employment Relations 3
          HRLR 314  Legal Environment of Work 3
          HRLR 414  Legal Standards in a Global Workplace 3
          HRLR 420  Comparative Human Capital Systems 3
          
          Delete the following note:

          Students may elect to complete more than 3 of the courses that are listed in item 3.a.(2) above with the understanding that the grades earned in such courses will be included in the computation of the grade-point average of courses in the Major Field of Concentration.

          Effective Spring 2024.
2. Change the name of the **Master of Science** degree in **Marketing Research** in the Department of Marketing to **Marketing Research and Analytics**. The University Committee on Graduate Studies (UCGS) approved this request at its September 18, 2023 meeting.

Effective Spring 2024, no new students are to be admitted to the Master of Science degree in Marketing Research. Effective Spring 2024, no students are to be readmitted to the Master of Science degree in Marketing Research. Effective Spring 2024, coding for the Master of Science degree in Marketing Research will be discontinued and the program will no longer be available in the Department of Marketing. Effective Spring 2024, students admitted to the major will be awarded a Master of Science degree in Marketing Research and Analytics.

3. Change the requirements for the **Master of Science** degree in **Marketing Research and Analytics** in the Department of Marketing. The University Committee on Graduate Studies (UCGS) approved this request at its September 18, 2023 meeting.

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

To be considered for admission to the Master of Science degree in Marketing Research and Analytics, an applicant must:

1. Submit a completed application for graduate study to the Master of Science Marketing Research and Analytics program.
2. Have a bachelor's degree from a recognized educational institution.
3. Have a minimum of a 3.5 grade-point average or a grade-point average in the 3.0-3.49 range with relevant experience, or submit a competitive Graduate Management Admission Test (GMAT) or GRE score to the Marketing Research and Analytics program.

Admission to the program is competitive and subject to space availability. Meeting the minimum standards above does not guarantee admission. The applicant’s overall record is considered including a resume, an academic statement, and bachelor’s degree transcripts. An English Language test accepted by MSU Admissions is required for international applications only.

Prior to enrollment in the Master of Science degree in Marketing Research, the student must have:

1. Completed, with a grade of 3.00 (B) or higher, college-level courses in statistics, covering probability theory and distributions, descriptive statistics, sampling, estimation, and hypothesis testing. The admission committee may elect to allow an applicant to take the Marketing Research and Analytics Statistics Refresher course (1 credit) in lieu of this requirement.

b. Under the heading **Requirements for the Master of Science Degree in Marketing Research and Analytics** replace the entire entry with the following:

The Master of Science degree in Marketing Research and Analytics is available under Plan B (without thesis). A total of 30 credits is required for the degree.

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. All of the following courses:</td>
</tr>
<tr>
<td>MKT 805  Marketing Management 2</td>
</tr>
<tr>
<td>MKT 806  Marketing Research for Decision Making 2</td>
</tr>
<tr>
<td>MKT 816  Marketing Analysis 2</td>
</tr>
<tr>
<td>MKT 819  Predictive Analytics 2</td>
</tr>
<tr>
<td>MKT 831  Communications in Marketing Research 1</td>
</tr>
<tr>
<td>MKT 832  Marketing Research Online Communities 1</td>
</tr>
<tr>
<td>MKT 833  Social Listening and Text Analytics 2</td>
</tr>
<tr>
<td>MKT 834  Consulting in Marketing Research 1</td>
</tr>
<tr>
<td>MKT 835  Storytelling in Marketing Research 1</td>
</tr>
<tr>
<td>MKT 843  International Marketing Research 2</td>
</tr>
<tr>
<td>MKT 856  Consulting Practicum in Marketing 3</td>
</tr>
<tr>
<td>MKT 865  Emerging Topics in Business 1</td>
</tr>
<tr>
<td>MKT 867  Sampling and Research Design 2</td>
</tr>
<tr>
<td>MKT 877  Emerging Research Design and Methods 2</td>
</tr>
<tr>
<td>MKT 880  Consumer Decision Making and Behavior 2</td>
</tr>
<tr>
<td>MKT 881  Qualitative Research 1</td>
</tr>
<tr>
<td>MKT 891  Special Topics in Marketing 1</td>
</tr>
<tr>
<td>MKT 897  Data Analysis, Integration and Visualization 2</td>
</tr>
</tbody>
</table>
2. Successfully complete a final examination or evaluation.

Effective Spring 2024.

4. Change the name of the **Linked Bachelor of Arts** degree in **Marketing/Master of Science** degree in **Marketing Research** in the Department of Marketing to **Linked Bachelor of Arts in Marketing/Master of Science in Marketing Research and Analytics**. The University Committee on Graduate Studies (UCGS) approved this request at its September 18, 2023 meeting.

Effective Spring 2024, no new students are to be admitted to the Linked Bachelor of Arts degree in Marketing/Master of Science degree in Marketing Research. Effective Spring 2024, no students are to be readmitted to the Linked Bachelor of Arts degree in Marketing/Master of Science degree in Marketing Research. Effective Spring 2024, coding for the Linked Bachelor of Arts degree in Marketing/Master of Science degree in Marketing Research will be discontinued and the program will no longer be available in the Department of Marketing. Effective Spring 2024, students admitted to the Linked Bachelor of Arts degree in Marketing/Master of Science degree in Marketing Research will be awarded a Linked Bachelor of Arts degree in Marketing/Master of Science degree in Marketing Research.

5. Change the requirements for the **Minor in Real Estate** in the School of Hospitality Business. The University Committee on Undergraduate Education (UCUE) approved this request at its September 7, 2023 meeting.

a. Under the heading **Admission**, replace item 2. with the following:

One of the following courses:
- ACC 201 Principles of Financial Accounting 3
- ACC 230 Survey of Accounting Concepts 3

b. Under the heading **Minor in Real Estate** replace the entire entry with the following:

1. One of the following courses (3 credits):
   - HB 273 Hospitality Business Analytics 3
   - ITM 209 Business Analytics and Information Systems 3

2. One of the following courses (3 credits):
   - FI 311 Financial Management 3
   - FI 320 Introduction to Finance 3
   - HB 311 Hospitality Finance 3

3. One of the following courses (1 or 3 credits):
   - FI 355 Financial Modeling 3
   - HB 472 Real Estate Financial Modeling 1

4. All of the following courses (9 credits):
   - HB 282 Real Estate Principles 3
   - HB 470 Real Estate Asset Management 3
   - HB 474 Real Estate Valuation 3

Effective Fall 2024.

6. Change the requirements of the **Bachelor of Arts** degree in **Hospitality Business** in The School of Hospitality Business. The University Committee on Undergraduate Education (UCUE) approved this request at its September 7, 2023 meeting.

a. Under the heading **Admission**, in item 2. a., replace CSE 102 with EC 201.

b. Under the heading **Requirements for the Bachelor of Arts Degree Hospitality Business** replace item 2. with the following:

a. Hospitality Business Core (18 credits):
   - ACC 230 Survey of Accounting Concepts 3
   - EC 201 Introduction to Microeconomics 3
   - EC 202 Introduction to Macroeconomics 3
PART I – NEW PROGRAMS AND PROGRAM CHANGES

MKT 327 Introduction to Marketing 3
MTH 103 College Algebra 3
STT 200 Statistical Methods 3

Students who place into Statistics 200 with a designated score on the Michigan State University mathematics services placement exam and successfully complete Statistics 200 will not be required to complete Mathematics 103.

b. Major Field of Concentration: All of the following courses with a minimum grade-point average of 2.00 (45 credits):

HB 100 Introduction to Hospitality Business 3
HB 203 Hospitality Communication 3
HB 207 Hospitality Management and Leadership 3
HB 237 Hospitality Lodging Systems 3
HB 265 Hospitality Foodservice Systems 3
HB 273 Hospitality Business Analytics 3
HB 302 Hospitality Managerial Accounting 3
HB 307 Hospitality Human Resources 3
HB 311 Hospitality Finance 3
HB 337 Hospitality Information Systems 3
HB 365 Hospitality Foodservice Systems II 3
HB 437 Hospitality Revenue Management 3
HB 447 Hospitality Business Law 3
HB 470 Real Estate Asset Management 3
HB 489 Hospitality Business Strategy (W) 3

c. Hospitality Business International Elective. One course approved by the student’s academic advisor.

d. Hospitality Business Specialized Electives. Complete an additional 9 credits from an approved list of Hospitality Business Specialized Electives available from the school’s undergraduate academic advisor. Courses used to satisfy other degree requirements may not be used to satisfy this requirement.

Effective Fall 2024.

COLLEGE OF COMMUNICATION ARTS AND SCIENCES

1. Change the requirements for the Bachelor of Arts degree in Journalism in the School of Journalism.

The concentrations in the Bachelor of Arts degree in Journalism 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 Journalism make the following changes:

(1) In item 3. c., under the heading Photojournalism delete the following course:

CAS 205 Photography in Media Settings 3

Effective Spring 2024.

COLLEGE OF ENGINEERING

1. Change the requirements in the Bachelor of Science degree in Chemical Engineering in the Department of Chemical Engineering and Materials Science.

The concentrations in the Bachelor of Science degree in Chemical Engineering 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 Science Degree in Chemical Engineering make the following changes:

(1) In item 3. b., add the following note:
Note: If BMB 462 is taken to fulfill requirement 3. b., it will also count as a technical elective in item 3. e.

(2) In item 3. e., delete the following statements:

Technical elective courses must include at least 3 credits of engineering topics, denoted with an ‘e’ next to the course number on the CHE technical elective list.

NOTE: BMB 462 is taken to fulfill requirement 3. b. and will count as a technical elective credit in item 3. e., not as an engineering ‘e’ topics course.

Effective Fall 2024.

2. Establish a Graduate Certificate in Foundations in Chemical Engineering in the Department of Chemical Engineering and Materials Science. The University Committee on Graduate Education (UCGS) recommended approval of this request at its March 20, 2023 meeting.

a. **Background Information:**

Since early 2000, the Department of Chemical Engineering and Materials Science has offered a two-course sequence in Foundations of Chemical Engineering. These courses have been used to successfully bridge nontraditional students into the chemical engineering graduate program.

This course sequence has, until recently, been unique and continues to be used by other universities to bridge nontraditional students in their chemical engineering programs. Also, these courses have been used by industrial practitioners who work on chemical processes, including mechanical engineers, electrical engineers, control engineers, law students who wanted background for patent law, and also working professionals in the chemical/fuel business desiring to work in a more technical area.

Recently, another institution has started a bridging sequence. The department sees an opportunity to keep our program unique by offering a certificate program with the addition of a third course covering process dynamics/control and process economics/design.

The certificate program will provide students with skills in fundamental chemical engineering skills in thermodynamics, reactor design, heat transfer, fluid flow, separations including distillation and extraction, process control, economics and process design including use of chemical process simulators. The manner in which this course content is packaged and delivered is unique to the chemical engineering program.

b. **Academic Programs Catalog Text:**

The Graduate Certificate in Foundations in Chemical Engineering provides a broad base of the key concepts relevant to chemical and biochemical process industries, including thermodynamics; reactor design; fluid flow; heat transfer; separations; and process control, economics, and design. The certificate is appropriate for graduates from other programs who seek to pursue graduate work in chemical engineering and for practitioners trained in other fields who seek to understand and apply chemical-engineering principles. The certificate is available only online.

**Admission**

Students are generally expected, but not required, to have bachelor’s-level or significant training in a math, science or engineering field. Prospective students are encouraged to contact the Director of Graduate Studies in the Department of Chemical Engineering and Materials Science to determine if their background is a good fit for the certificate.
Requirements for the Graduate Certificate in Foundations in Chemical Engineering

Complete all of the following courses with a minimum grade of 3.0 in each course:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 804</td>
<td>Foundations of Chemical Engineering I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 805</td>
<td>Foundations of Chemical Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>CHE 806</td>
<td>Foundations of Chemical Engineering III</td>
<td>3</td>
</tr>
</tbody>
</table>

Effective Spring 2024.

3. Establish a Graduate Certificate in Semiconductor Manufacturing, Processing, and Devices in the Department of Electrical and Computer Engineering. The University Committee on Graduate Education (UCGS) recommended approval of this request at its March 20, 2023 meeting.

a. Background Information:

Global competitors have incentivized the semiconductor manufacturing industry, to the point that the United States share of commercial semiconductor manufacturing has declined 25% in the last 30 years. To assist with this national need, the CHIPS Act was passed by congress in July 2022 with the goal of strengthening domestic semiconductor manufacturing, design and research, and to reinforce America’s chip supply chains. This act includes 52 billion U.S. dollars in manufacturing grants and research investments in the field of semiconductor processing, manufacturing, and research.

A large portion of the funding allocated for the CHIPS Act will be invested in the Midwest. For example, INTEL will invest more than 20 billion U.S. dollars to build new factories for advanced chipmaking in the state of Ohio. Manufacturing in the state of Michigan has traditionally been strong. Two billion U.S. dollars from the CHIPS Act will be dedicated to incentivizing production of semiconductors used by automakers and parts, and the state of Michigan has already started investing in some of the semiconductor processing and manufacturing companies in the state. (Hemlock Semiconductor, KLA, Wacker, SK Siltron, and Calumet Electronics) This graduate certificate at MSU is expected to foster the economic and technological progress in the state, thus making the state more competitive nationwide and creating an option for in-state talent to stay in the state of Michigan.

The main goals for this graduate certificate are to help boost the number of our graduate students that complete semiconductor research training, and the graduate certificate will complement a student’s degree program with a set of courses that will make them more competitive in the field of semiconductor processing/manufacturing, and help attract the interest from industry in our graduate program.

b. Academic Programs Catalog Text:

The Graduate Certificate in Semiconductor Manufacturing, Processing, and Devices is designed to provide students with semiconductor research training that will make them more competitive in the field of semiconductor processing and manufacturing.

Requirements for the Graduate Certificate in Semiconductor Manufacturing, Processing, and Devices

Students must complete a minimum of 9 credits from the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 813</td>
<td>Advanced VLSI Design</td>
<td>3</td>
</tr>
<tr>
<td>ECE 832</td>
<td>Analog Integrated Circuit Design</td>
<td>3</td>
</tr>
<tr>
<td>ECE 850</td>
<td>Electrodynamics of Plasmas</td>
<td>3</td>
</tr>
<tr>
<td>ECE 870</td>
<td>Introduction to Micro-Electro-Mechanical Systems</td>
<td>3</td>
</tr>
<tr>
<td>ECE 871</td>
<td>Micro-electro-mechanical Systems Fabrication</td>
<td>3</td>
</tr>
<tr>
<td>ECE 874</td>
<td>Physical Electronics</td>
<td>3</td>
</tr>
<tr>
<td>ECE 875</td>
<td>Electronic Devices</td>
<td>3</td>
</tr>
<tr>
<td>ECE 877</td>
<td>Cleanroom Procedures</td>
<td>3</td>
</tr>
<tr>
<td>ECE 931C</td>
<td>Properties of Semiconductors</td>
<td>3</td>
</tr>
<tr>
<td>ECE 989</td>
<td>Advanced Topics in Plasma</td>
<td>3</td>
</tr>
</tbody>
</table>

Effective Spring 2024.
LYMAN BRIGGS COLLEGE

1. Change the name of the History, Philosophy and Sociology of Science major leading to the Bachelor of Science Degree in Lyman Briggs College to Science and Society.

No new students are to be admitted to the History, Philosophy and Sociology of Science major effective Spring 2024. No students are to be readmitted to the History, Philosophy and Sociology of Science major effective Spring 2024. Effective Spring 2024, coding for the History, Philosophy and Sociology of Science major will be discontinued and the program will no longer be available in Lyman Briggs College. Students admitted to the major prior to Spring 2024 will be awarded a Bachelor of Science Degree in History, Philosophy and Sociology of Science in Lyman Briggs College. Students admitted to the major Spring 2024 and forward will be awarded a Bachelor of Science Degree in Science and Society in Lyman Briggs College.

Effective Spring 2024.

2. Change the name of the Minor History, Philosophy and Sociology of Science in Lyman Briggs College to Science and Society.

No new students are to be admitted to the History, Philosophy and Sociology of Science minor effective Spring 2024. No students are to be readmitted to the History, Philosophy and Sociology of Science minor effective Spring 2024. Effective Spring 2024, coding for the History, Philosophy and Sociology of Science minor will be discontinued and the program will no longer be available in Lyman Briggs College. Students admitted to the minor prior to Spring 2024 will be awarded a Minor in History, Philosophy and Sociology of Science in Lyman Briggs College. Students admitted to the minor Spring 2024 and forward will be awarded a Minor in Science and Society in Lyman Briggs College.

Effective Spring 2024.

COLLEGE OF SOCIAL SCIENCE

1. Change the requirements for the Bachelor of Arts and Bachelor of Science degree in Interdisciplinary Studies in Social Science in the College of Social Science.

The concentrations in the Bachelor of Arts and Bachelor of Science degree in Interdisciplinary Studies in Social Science are noted on the student’s academic record when the requirements for the degree have been completed.

a. Under the heading INTERDISCIPLINARY STUDIES IN SOCIAL SCIENCE replace the entire entry with the following [Please note the concentrations are being deleted]:

Requirements for the Bachelor of Arts or Bachelor of Science Degree in Interdisciplinary Studies in Social Science

1. The graduation requirements of the University as described in the Undergraduate Education section of this catalog; 120 credits, including general elective credits, are required for the Bachelor of Arts or Bachelor of Science degree in Interdisciplinary Studies in Social Science.

   The University's Tier II writing requirement for the Interdisciplinary Studies in Social Science major is met by completing Social Science 499. That course is referenced in item 4. below.

   The graduation requirements of the College of Social Science for the Bachelor of Arts or Bachelor of Science degree.

2. Foundation Courses (9 to 12 credits):
   ANP 201 Introduction to Cultural Anthropology 3
   EC 201 Introduction to Microeconomics 3
   GEO 204 World Regional Geography 3
   HST 110 Historical Approaches to Contemporary Issues 3
   PLS 200 Introduction to Political Science 4
   PSY 101 Introductory Psychology 4
   SOC 100 Introduction to Sociology 4
One foundation course must match the discipline in the selected cognate, as listed in item 5. below. Qualified students may substitute Economics 251H for Economics 201.

3. All of the following courses (9 credits):
   - SSC 299 Integration of Social Science Perspectives 3
   - SSC 495 Interdisciplinary Research Methods 3
   - SSC 499 Capstone in Interdisciplinary Studies in Social Science (W) 3

4. Disciplinary Cognate
   Complete a minimum of 12 credits in one of the following cognates: anthropology, economics, geography, history, liberal studies, political science, psychology, or sociology.

   **Anthropology Cognate.** In addition to the ANP 201 foundation course listed in item 3. above, complete the following:
   a. One of the following courses:
      - ANP 203 Introduction to Archaeology 3
      - ANP 206 Introduction to Physical Anthropology 3
   b. Three Anthropology courses at the 300-400 level 9

   **Economics Cognate.** In addition to the EC 201 foundation course listed in item 3. above, complete the following:
   a. The following course:
      - EC 202 Introduction to Macroeconomics 3
   b. Three courses in Economics at the 300-400 level 9

   **Geography Cognate.** In addition to the GEO 204 foundation course listed in item 3. above, complete the following:
   a. One of the following courses:
      - GEO 113 Introduction to Economic Geography 3
      - GEO 151 Introduction to Human Geography 3
      - GEO 206 Physical Geography 3
   b. The following course:
      - GEO 221 Introduction to Geographic Information 3
   c. Two Geography courses at the 300-400 level. 6

   **History Cognate.** In addition to the HST 110 foundation course listed in item 3. above, complete the following:
   a. The following course:
      - HST 201 Historical Methods and Skills 3
   b. Three History courses at the 300-400 level, only two of which may be on the United States. 9

   **Liberal Studies Cognate.**
   Students interested in completing a Liberal Studies cognate must complete 12 credits of course work in the College of Social Science. Liberal Studies students may only count College of Social Science courses toward their cognate requirements, but are strongly encouraged to select appropriate objectives, or minors to accomplish the student’s academic goals. To pursue this cognate, a student must develop a proposal in coordination with an Interdisciplinary Studies in Social Science advisor that includes the following:
   a. A proposed outline for the course work to be taken with a rationale for each course.
   b. A statement of purpose for the proposed course work.
   c. A set of learning outcomes that will be achieved through the course work that is not available in other majors at the University, or the College.

   The proposed course of study must be approved by an Interdisciplinary Studies in Social Science advisor, two faculty members in the College of Social Science, and the Center for Integrative Studies director.

   **Political Science Cognate.** In addition to the PLS 200 foundation course listed in item 3. above, complete the following:
   a. The following course:
      - PLS 201 Introduction to Methods of Political Analysis 4
   b. Three Political Science courses at the 300-400 level. 9

   **Psychology Cognate.** In addition to the PSY 101 foundation course listed in item 3. above, complete the following:
   a. The following course:
      - PSY 295 Data Analysis in Psychological Research 3
      Students who have completed Statistics and Probability 315 should consult an academic advisor before completing PSY 295.
b. Two of the following courses:
   - PSY 200 Cognitive Psychology 3
   - PSY 209 Brain and Behavior 3
   - PSY 235 Social Psychology 3
   - PSY 236 Personality 3
   - PSY 244 Developmental Psychology: Infancy Through Childhood 3
   - PSY 255 Industrial and Organizational Psychology 3
   - PSY 270 Community Psychology 3
   - PSY 280 Abnormal Psychology 3
   c. One Psychology course at the 300-400 level. 3

**Sociology Cognate.** In addition to the SOC 100 foundation course listed in item 3. above, complete the following:

   a. The following course:
      - SOC 281 Social Research Methods 4
   b. Three Sociology courses at the 300-400 level. 9

Effective Spring 2024.

2. Delete the curriculum and degree requirements for the **Disciplinary Teaching Minor** in **Early Childhood-General and Special Education** in the Department of Human Development and Family Studies, available for elementary certification. The University Committee on Undergraduate Education (UCUE) provided consultative commentary to the Provost after considering this request. The Provost made the determination after considering the consultative commentary from the University Committee on Graduate Studies.

No new students are to be admitted to the program effective Spring 2023. No students are to be readmitted to the program effective Spring 2023. Effective Spring 2024, coding for the program will be discontinued and the program will no longer be available in the Department of Human Development and Family Studies. Students who have not met the requirements for the Disciplinary Teaching Minor in Early Childhood-General and Special Education through the Department of Human Development and Family Studies prior to Spring 2024 will have to change their minor.

3. Change the requirements for the **Master of Science** degree in **Child Development** in the Department of Human Development and Family Studies. The University Committee on Graduate Studies (UCGS) approved this request at its September 18, 2023 meeting.

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

      (1) Replace item 2. with the following:

      A grade-point average of 3.00 or better during the last two full years of undergraduate study.

      (2) Delete item 5.:

      Satisfactory verbal ability and quantitative ability scores on the Aptitude Test of the Graduate Record Examination (GRE) is required for Plan A (Thesis). This option is for those wishing to pursue a research focus and potential doctoral degree.

Effective Fall 2024.

4. Change the requirements for the **Master of Science** degree in **Human Development and Family Studies** in the Department of Human Development and Family Studies. The University Committee on Graduate Studies (UCGS) approved this request at its September 18, 2023 meeting.

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

      (1) Replace item 2. with the following:

      A grade-point average of 3.00 or better during the last two full years of undergraduate study.

      (2) Delete item 5.:
Satisfactory verbal ability and quantitative ability scores on the Aptitude Test of the Graduate Record Examination (GRE) is required for Plan A (Thesis). This option is for those wishing to pursue a research focus and potential doctoral degree.

Effective Fall 2024.

5. Change the requirements for the Doctor of Philosophy degree in Human Development and Family Studies in the Department of Human Development and Family Studies. The University Committee on Graduate Studies (UCGS) approved this request at its September 18, 2023 meeting.

a. Under the heading Admission, delete the following sentence:

A prospective doctoral student is required to take the general sections of the Graduate Record Examination and include the results with the application.

Effective Fall 2024.
PART II - NEW COURSES

COLLEGE OF ARTS AND LETTERS

AL 240  Interdisciplinary Inquiry for the Humanities
Spring of every year. 1(1-0)
Introduces interdisciplinary humanities inquiry with an emphasis on humanistic and interdisciplinary methodologies, the challenges and benefits of interdisciplinarity, and the importance of interdisciplinary thinking for engaging with large, complex problems.
Effective Spring Semester 2024

DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE

CHE 484  Distillation Science and Technology I
Spring of every year. 3(3-0) P: FSC 481
Raw material selection including fruits and types of cereal grains for distilled spirit production, malting of cereal grains, milling science, water chemistry and mashing theory.
Effective Spring Semester 2024

CHE 485  Distillation Science and Technology II
Summer of every year. 3(3-0) P: FSC 481 and CHE 484
Distillation methods, equipment design and technology, stabilizing, filtration and bottling of distilled spirits, barrel aging, laboratory control, regulatory aspects, and safety.
Effective Spring Semester 2024

DEPARTMENT OF EMERGENCY MEDICINE

EM 541  Wilderness First Aid Elective
Spring of every year. 1(1-0) P: HM 553 RB: An interest or novice experience in outdoor activities (e.g., hiking, biking, camping, etc.) R: Open to graduate-professional students in the College of Human Medicine.
Development of foundational concepts and practical hands-on skills to prepare for, respond to, treat, and evacuate common illnesses and injuries in an austere 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 Semester 2023

DEPARTMENT OF ENGLISH

ENG 235  Exploring Digital Humanities: History, Practice, and Speculation
Fall of every year. 3(2-2) Interdepartmental with Digital Humanities.
History and theory of digital humanities in relation to literary and cultural studies. Critique of digital humanities projects. Production with digital humanities tools.
Effective Fall Semester 2023
**DEPARTMENT OF FAMILY MEDICINE**

**FM 621**  Advanced Addiction Medicine  
Fall of every year. Spring of every year. Summer of every year. 3(3-0)  
RB: FM 615 or Addition Medicine Intersession  
R: Open to graduate-professional students in the College of Human Medicine.  
Online non-clinical course exploring beyond the basics of addiction medicine including the  
science of substances, trauma, genetics and stigma of addiction, special populations,  
career exploration and stories of recovery.  
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 Semester 2023

**DEPARTMENT OF FINANCE**

**FI 412**  Advanced Investments  
Fall of every year. 3(3-0)  
P: FI 312 or FI 321 or approval of department  
RB: Introductory course in investments.  
R: Open to students in the Eli Broad College of Business and The Eli Broad Graduate School of Management and open to students in the Financial Planning and Wealth Management Minor and open to students in the Insurance and Risk Management Minor.  
Financial market turbulence and evolving societal trends create both challenges and opportunities for investors. Investment concepts, core theories and leading investment techniques. Develop the ability to integrate a wide range of skills and interdisciplinary knowledge for investment excellence.  
Effective Spring Semester 2024

**FI 812**  Advanced Investments  
Fall of every year. 3(3-0)  
P: FI 312 or FI 321 or FI 851 or approval of department  
R: Open to students in the Eli Broad College of Business and The Eli Broad Graduate School of Management and open to students in the Financial Planning and Wealth Management Minor and open to students in the Insurance and Risk Management Minor.  
Financial market turbulence and evolving societal trends create both challenges and opportunities for investors. Investment concepts, core theories and leading investment techniques. Develop the ability to integrate a wide range of skills and interdisciplinary knowledge for investment excellence.  
Effective Spring Semester 2024

**DEPARTMENT OF FOOD SCIENCE AND HUMAN NUTRITION**

**HNF 378**  Applied Nutrition Assessment Laboratory  
Fall of every year. 1(0-2)  
P: HNF 377 or concurrently  
R: Open to juniors or seniors in the Dietetics Major or approval of department.  
Nutrition assessment development for dietetics practitioners including: community needs assessments, communication skills, anthropometric assessment, dietary assessment, and clinical assessment.  
SA: HNF 377L  
Effective Spring Semester 2024

**HNF 411**  Research Methods in Dietetics  
Spring of every year. 3(3-0)  
P: (HNF 320 and HNF 377) and completion of Tier I writing requirement  
R: Open to undergraduate students in the Dietetics Major or approval of department.  
Fundamental approaches to research in dietetics.  
Effective Spring Semester 2024
DEPARTMENT OF FORESTRY

FOR 175  Tree Biology
Spring of every year. 4(3-3) R: Open to undergraduate students in the Forestry Major or approval of department.
Introduction to the foundational biological principles in forest trees. Biological factors responsible for tree growth form and function.
Effective Spring Semester 2024

SCHOOL OF HOSPITALITY BUSINESS

HB 365  Hospitality Foodservice Systems II
Fall of every year. Spring of every year. 3(2-2) P: HB 265 R: Open to sophomores or juniors or seniors in the Hospitality Business Major.
Design and management of foodservice operations consistent with organizational strategy and quality benchmarks. Principles of cost control applied to various control points including menu planning, purchasing, receiving, storing, issuing, production, and service in food and beverage operations. Emphasis on food, beverage, and labor cost control including proactive inventory management and revenue control procedures.
Effective Fall Semester 2024

COLLEGE OF HUMAN MEDICINE

HM 606  Student-Designed Non-Clinical Elective
Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Customized experience of medically-related skills and knowledge.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Fall Semester 2023

SCHOOL OF JOURNALISM

JRN 421  Media Literacy
Spring of every year. 3(3-0)
Media literacy seminar covering issues related to data literacy, privacy, Artificial Intelligence (AI), misinformation, disinformation, hoaxes, clickbait, sensationalism, propaganda, and hyper-partisanship. Examination of current digital media landscape and the complex processes behind newsmaking and consumption.
Effective Spring Semester 2024

MSU COLLEGE OF LAW

LAW 542A  International Children’s Rights Lab
On Demand. 0 to 6 credits. R: Open to students in the MSU College of Law.
Engagement in children’s rights research and advocacy and interaction with NGOs, lawyers and policymakers about issues affecting the rights of the child.
Effective Fall Semester 2023

LAW 580E  Responsible Lawyering: Current Topics in Legal Ethics
On Demand. 0 to 6 credits. P: LAW 500Q R: Open to students in the MSU College of Law.
Effect of new business models, technological advancements and other changes on the ethical duties of lawyers.
Effective Spring Semester 2024
DEPARTMENT OF LINGUISTICS, LANGUAGES AND CULTURES

LLT 322  English as a Second Language Perspectives in Context
Fall of every year. Spring of every year. 3(3-0)
Features of language impacting language learning and teaching. Nature and role of culture in language development and academic achievement that support student learning.
Effective Summer Semester 2024

DEPARTMENT OF MARKETING

MKT 831  Communications in Marketing Research
On Demand. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Open to master’s students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Department of Marketing or in the Marketing Research and Analytics major or approval of department.
Introduction to data visualization and the art and science behind creating visually impactful presentations. Strong focus on visual design principals to simplify complex data sets into easily consumable information.
Effective Spring Semester 2024

MKT 832  Marketing Research Online Communities
On Demand. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Open to master’s students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Department of Marketing or in the Marketing Research and Analytics major or approval of department.
Impactful use cases in the research and insights space using live hands-on projects. Focus on the evolution from a faster, cheaper sample solution to a strategic platform for managing continuous conversations with hard to reach audiences.
Effective Spring Semester 2024

MKT 833  Social Listening and Text Analytics
On Demand. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Open to master’s students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Department of Marketing or in the Marketing Research and Analytics major or approval of department.
Marketing research to information collected via social media. How social listening fits into an organizational structure, and how to properly respond to social media discussions. Development of familiarity of approaches for analyzing textual data. Selection of appropriate methods for a variety of research questions, and using both automated systems and analytic systems tools to analyze textual data.
Effective Spring Semester 2024

MKT 834  Consulting in Marketing Research
On Demand. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Open to master’s students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Department of Marketing or in the Marketing Research and Analytics major or approval of department.
The art of consulting and relationship development as it applies to marketing research engagements. Prepare to become trusted consultants, whether participating on a team or in a leadership role.
Effective Spring Semester 2024

MKT 835  Story Telling in Marketing Research
On Demand. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Open to master’s students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or in the Department of Marketing or in the Marketing Research and Analytics major or approval of department.
Importance of storytelling within organizations and presentation structure including understanding the audience, creating credibility using background information and industry insight, creating the storyline, and creatively crafting the presentation.
Effective Spring Semester 2024
COLLEGE OF OSTEOPATHIC MEDICINE

OST 619 Clerkship Specialized Elective
Fall of every year. Spring of every year. Summer of every year. 1 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate-professional students in the College of Osteopathic Medicine. Approval of college.
Faculty directed study on a specialized course/rotation.
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 Semester 2023

DEPARTMENT OF RELIGIOUS STUDIES

REL 412 Jewish Mysticism (W)
Fall of every year. 3(3-0) P: Completion of Tier I Writing Requirement R: Open to undergraduate students.
REINSTATEMENT Introduction to the doctrines, ritual practices, and history of Jewish mysticism.
Effective Fall Semester 2023

DEPARTMENT OF ROMANCE AND CLASSICAL STUDIES

ROM 801 Topics in Applied Romance Linguistics
Spring of even years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.
REINSTATEMENT Major issues in applied linguistics and their relationship to Romance languages.
Effective Spring Semester 2024

COLLEGE OF SOCIAL SCIENCE

SSC 495 Interdisciplinary Research Methods
Fall of every year. Summer of odd years. 3(3-0) RB: SSC 299 or concurrently Interdisciplinary research questions and methods. Practical and ethical issues involved with primary, qualitative research methodologies. Interdisciplinary/integrative approaches to producing knowledge.
Effective Fall Semester 2023

DEPARTMENT OF SURGERY

SUR 635 Perioperative Trauma Medicine
Fall of every year. Spring of every year. Summer of every year. 6(6-0) A student may earn a maximum of 12 credits in all enrollments for this course. P: SUR 641 RB: DDS, DMD R: Open to graduate-professional students in the College of Human Medicine.
Assessment and management of perioperative medical issues in a trauma surgery 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 Summer Semester 2023
TE 867 Perspectives in Social Studies: Global Education
Fall of odd years. Summer of every year. 3(3-0)
REINSTATEMENT Issues affecting the global community. Educational strategies for developing a global perspective on human relationships and the environment.
Effective Fall Semester 2023
PART III – COURSE CHANGES

DEPARTMENT OF COMMUNITY SUSTAINABILITY

CSUS 465  Environmental and Natural Resource Law  Fall of every year. 3(3-0) Interdepartmental with Environmental Economics and Management and Forestry. P: CSUS 200 or EEM 255 R: CSUS 200 or AFRE 265 R: Open to juniors or seniors or graduate students.  Legal principles and process related to the environment and natural resources. Common law, constitutional law, statutory and administrative law. SA: ESA 430, RD 430  Effective Spring Semester 2019 Effective Spring Semester 2024

SCHOOL OF CRIMINAL JUSTICE

CJ 875  Digital Forensic Investigations  Fall of every year. Spring of every year. 3(3-0) R: Open to graduate students in the School of Criminal Justice or approval of school.  Digital forensic analyses, including computer technology, data storage, proper search/seizure/imaging techniques, analysis of imaged devices, and proper presentation of evidence.  Effective Fall Semester 2020 Effective Spring Semester 2024

CJ 878  Economic Cybercrime and Fraud  Fall of every year. Spring of every year. 3(3-0) R: Open to master’s students in the School of Criminal Justice or approval of department. R: Open to graduate students in the School of Criminal Justice or approval of department.  Role of technology and the Internet in financial crimes. Evolution of electronic payment fraud, laws available in the U.S. and internationally. Role of industry in regulating financial transactions.  Effective Fall Semester 2021 Effective Spring Semester 2024

CJ 879  Interpersonal Cybercrime  Fall of every year. Spring of every year. 3(3-0) R: Open to master’s students in the School of Criminal Justice or approval of department. R: Open to graduate students in the School of Criminal Justice or approval of department.  Problem of cybercrimes: use of technology to cause physical or emotional harm. Relationships between cybercrime and criminal behavior. Policy implications and strategies. Examination of offense types, including sexual offenses, child sexual exploitation, harassment, stalking, and hate crimes.  Effective Fall Semester 2021 Effective Spring Semester 2024

DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES

GLG 813  Watershed Hydrology  Spring of every year. Spring of odd years. 4(3-1) 3(3-0)  Watershed hydrology covering the physical, chemical, and isotopic characteristics of river runoff generation from the pore to the catchment scale.  Effective Summer Semester 2019 Effective Spring Semester 2024
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

ECE 416  Digital Control
Spring of every year. 3(2-3) 4(3-3) P: ECE 303 and ECE 313 R: Open to juniors or seniors in the Computer Engineering major or in the Electrical Engineering major. R: Open to juniors or seniors in the Electrical Engineering Major or in the Computer Engineering Major.
Effective Fall Semester 2013 Effective Spring Semester 2024

ECE 877  Cleanroom Procedures
Fall of every year. Spring of every year. 3(2-3) R: Open to graduate students in the College of Engineering.
Cleanroom procedures and safety. Instrumentation for microfabrication processes and device measurements. Fabrication and testing of devices.
Effective Fall Semester 2013 Effective Fall Semester 2024

ECE 929B  Antenna Theory
Fall of odd years. Spring of odd years. 4(4-0) 3(3-0) RB: ECE 835 RB: (ECE 835) or ECE 835
SA: EE 929B
Effective Fall Semester 2002 Effective Fall Semester 2024

DEPARTMENT OF FOOD SCIENCE AND HUMAN NUTRITION

HNF 300  Experimental Approaches to Foods
Fall of every year. 4(2-4) P: ((CEM 143 or concurrently) or (CEM 251 or concurrently)) and completion of Tier I writing requirement P: (CEM 143 or concurrently) or (CEM 251 or concurrently) or (LB 271 or concurrently) R: Open to juniors or seniors in the Dietetics Major or in the Food Science Major. R: Open to students in the Food Science Major and open to students in the Dietetics Major.
Effects of preparation methods and ingredient substitutions on chemical and physical properties of food constituents. Effects of changes in chemical and physical properties on functional and sensory attributes of foods.
Effective Summer Semester 2016 Effective Spring Semester 2024

HNF 377L  Applied Nutrition Assessment Laboratory
Fall of every year. 1(0-2) P: HNF 377 or concurrently R: Open to juniors or seniors in the Dietetics Major or in the Nutritional Sciences Major or in the Lyman Briggs Nutritional Sciences Coordinate Major.
Nutrition assessment development for practitioners including community needs, communication skills, anthropometric, dietary, and clinical assessments.
DELETE COURSE
Effective Summer Semester 2023

HNF 440  Foodservice Operations
Fall of every year. 3(3-0) P: HNF 150 and (HNF 300 or concurrently) R: Open to juniors or seniors in the Dietetics Major. R: Open to students in the Dietetics Major.
Principles, processes and control strategies in foodservice operations. Menu planning, procurement, and on-premise storage and issuance. Purchasing, ethics, production, safety and sanitation.
Effective Fall Semester 2020 Effective Spring Semester 2024
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Terms</th>
<th>Credits</th>
<th>Restrictions</th>
<th>Requirements</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HB 100</td>
<td>Introduction to Hospitality Business</td>
<td>Fall of every year. Spring of every year.</td>
<td>2(2-0)</td>
<td>3(3-0)</td>
<td>R: Not open to juniors or seniors. R: Open to students in the Hospitality Business Major and open to freshmen or sophomores.</td>
<td>Sectors, segments, and disciplines of the hospitality and tourism industries. Impact of travel and tourism. Hospitality trends. Overview of accounting, marketing, and sales. Sectors, segments, and disciplines of the hospitality and tourism industries. Impact of travel and tourism on local and national economics. Emerging hospitality industry trends that affect different segments of the industry. Overview of interdependent operating and administrative departments in hospitality organizations. Recognition of key management and ownership structures. Exploration of hospitality industry careers. SA: HB 200 Effective Fall Semester 2013 Effective Fall Semester 2024</td>
</tr>
<tr>
<td>HB 207</td>
<td>Hospitality Management and Leadership</td>
<td>Fall of every year. Spring of every year.</td>
<td>3(3-0)</td>
<td>R: Open to students in the Hospitality Business Major. Not open to students with credit in HB 267.</td>
<td>Overview of management and leadership theories and applications specific to the hospitality industry. Discussion of leadership principles, management principles, change management, decision-making, communications, motivational theories, and negotiation skills. Overview of management and leadership theories and applications at different quality levels of the hospitality industry. Discussion of intrapersonal and interpersonal leadership and management principles, change management processes, organizational design, decision-making, leadership communications, motivational theories, and negotiation skills. Examination of hospitality industry leaders and their contributions through readings and cases. Effective Summer Semester 2020 Effective Fall Semester 2024</td>
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</tr>
<tr>
<td>HB 237</td>
<td>Hospitality Lodging Systems</td>
<td>Fall of every year. Spring of every year.</td>
<td>3(3-0)</td>
<td>R: Not open to seniors. R: Open to students in the Hospitality Business Major.</td>
<td>Interrelated systems in lodging operations for front desk/guest services, reservations, housekeeping, engineering, sales/conference services, accounting, security, as well as food and beverage. Segmentation of lodging products and associated management challenges. Interrelated nature of various organizational systems in lodging operations including front desk/guest services, reservations, housekeeping, engineering, sales/conference services, accounting, security, and food and beverage. Impact of service quality on lodging revenue and demand. Managing customer feedback. Segmentation of lodging products on quality basis and associated management challenges. Effective Summer Semester 2021 Effective Fall Semester 2024</td>
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</tr>
<tr>
<td>HB 273</td>
<td>Hospitality Business Analytics</td>
<td>Fall of every year. Spring of every year.</td>
<td>3(3-0)</td>
<td>R: CSE 102 RB: Basic Microsoft Excel Skills R: Open to students in the Hospitality Business Major or in the Real Estate Minor. Not open to students with credit in ITM 209.</td>
<td>Quantitative and analytical skills used to communicate key business information effectively. Study of how business modeling and data analytics can increase decision making efficacy. Course topics include but are not limited to sensitivity and scenario analysis, financial modeling and forecasting, and applied business statistics methods. Analytical skills used to communicate key business information effectively. Study how data analytics can increase decision making efficacy and contribute to organizational successes at different levels of hospitality organizational quality. Provide the process of collecting, analyzing, and visualizing data to support business decision-making. Focus on hands-on experience in transforming data into insights that drive hospitality business performance. SA: HB 473 Effective Summer Semester 2022 Effective Fall Semester 2024</td>
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</tbody>
</table>
PART III – COURSE CHANGES

HB 302  Hospitality Managerial Accounting
Fall of every year. Spring of every year. 3(3-0) P: ACC 201 P: ACC 230 or ACC 201 R: Open to sophomores or juniors or seniors in the Hospitality Business Major. Not open to students with credit in ACC 202 or ACC 230. Not open to students with credit in ACC 202.
Principles of managerial accounting applied to hospitality enterprises. Topics include financial statements, forecasting methods, internal control, and ethics. Introduction to basic concepts, uses, and procedures of accounting to inform and aid hospitality managers in their planning, directing, and controlling roles. Use of financial statements, forecasting, and internal control to support managerial decision making. Application of budgeting, product and service costing, profitability analysis, pricing, and performance measurement to hospitality operations at different quality levels.
Effective Summer Semester 2020 Effective Fall Semester 2024

HB 307  Hospitality Human Resources
Fall of every year. Spring of every year. 3(3-0) P: HB 201 RB: Completion of Level I internship. R: Open to juniors or seniors in the Hospitality Business Major. Not open to students with credit in MGT 315.
Human resource management and interpersonal skills in the hospitality industry. Managing in a culturally diverse workplace. Benefits, compensation, employee and labor relations, equal opportunity, ethics, interviewing, job analysis and description, labor laws, performance management and appraisal, personnel planning, recruitment, retention, risk management, strategic planning, talent management, testing and selection, training and development. Human resource management and employee relations in the hospitality industry. Managing in a culturally diverse workplace. Benefits, compensation, labor relations, equal opportunity, ethics, interviewing, job analysis and description, labor laws, performance management and appraisal, workforce planning, recruitment, retention, risk management, strategic planning, talent management, testing and selection, training, and development, and managing global human resources.
Effective Summer Semester 2020 Effective Fall Semester 2024

HB 311  Hospitality Finance
Fall of every year. Spring of every year. 3(3-0) P: ACC 201 or ACC 230 P: ACC 230 or ACC 201 R: Open to sophomores or juniors or seniors in the Hospitality Business Major or in the Hospitality Business Real Estate Investment Management Minor. R: Open to sophomores or juniors or seniors in the Hospitality Business Major or in the Real Estate Minor. Not open to students with credit in FI 311 or FI 320.
Effective Summer Semester 2020 Effective Fall Semester 2024

HB 337  Hospitality Information Systems
Fall of every year. Spring of every year. 3(3-0) P: CSE 102 R: Open to juniors or seniors in the Hospitality Business Major.
Technology for gathering, analyzing, storing and communicating information within the hospitality industry. Technology for gathering, analyzing, storing, and communicating information in the hospitality industry. Information systems and technology supporting hospitality service processes and management. Consumer facing technology. Enterprise technology. Technology to support and achieve organizational strategy and goals. Current topics such as big data, artificial intelligence, social media, and data security.
Effective Summer Semester 2022 Effective Fall Semester 2024

HB 349  Hospitality Facilities Management
Fall of every year. 3(3-0) P: Open to juniors or seniors in the Hospitality Business Major or in the Hospitality Business Real Estate Investment Management Minor. R: Open to juniors or seniors in the Hospitality Business Major or in the Real Estate Minor.
Managing the physical plant of a hospitality business. Key systems, safety, preventive maintenance, energy conservation.
Effective Summer Semester 2021 Effective Fall Semester 2024
HB 437  Hospitality Revenue Management  
Fall of every year. Spring of every year. 3(3-0)  P: (HB 273 or ITM 209) and (MKT 327 or MKT 300)  
R: Open to juniors or seniors in the Hospitality Business Major or in the Real Estate Minor.  

Exposure to key management and marketing issues relating to the effective implementation of revenue management. The relationships between the revenue management function and other functions or departments in the hospitality organization. The role and job responsibilities of a revenue manager. The identification of distribution channels that hospitality organizations may use to distribute their inventory. Key management and marketing issues relating to the effective implementation of revenue and demand management. Relationships between the revenue management function and other functions or departments in the hospitality organization. Role and job responsibilities of a revenue (commercial) manager. Identification of distribution channels that hospitality organizations may use to distribute their inventory.  

Effective Summer Semester 2022 Effective Fall Semester 2024

HB 447  Hospitality Business Law  
Fall of every year. Spring of every year. 3(3-0)  R: Open to juniors or seniors in the Hospitality Business Major. Not open to students with credit in GBL 323 or GBL 385.  

Legal aspects of hospitality industry, including structure of the U.S. legal system, contracts, torts, discrimination, property and product liability. Administrative law and government regulation of the industry. Overview of legal implications of acts by hospitality professionals, employees, guests, and visitors. Analysis of rights, risks, and responsibilities of hospitality industry managers and employees. Legal aspects of hospitality industry including structure of the U.S. legal system, contracts, torts, discrimination, property, and product liability. Administrative law and government regulation of the industry.  

SA: GBL 447  

Effective Summer Semester 2020 Effective Fall Semester 2024

HB 470  Real Estate Asset Management  
Fall of every year. Spring of every year. 3(3-0)  P: (HB 273 or ITM 209) and (FI 320 or FI 311)  P: (HB 273 or ITM 209) and (HB 311 or FI 311 or FI 320)  R: Open to juniors or seniors in the Hospitality Business Major or in the Hospitality Real Estate Minor.  R: Open to juniors or seniors in the Hospitality Business Major or in the Real Estate Minor.  

Market forces effecting consumer and business spending applied to the management of real estate assets. Theoretical analyses, practical analyses, and hospitality industry specific cases requiring the use of spreadsheet software and technical writing skills. Application of operations expertise to capital investment and disposition decisions. Management contracts, franchise agreements, capital budgets, capital markets, capital structures, labor, market cycles, and brand decisions. Market forces affecting consumer and business spending applied to the management of real estate assets. Theoretical analyses, practical analyses, and hospitality industry specific cases requiring the use of spreadsheet software and technical writing skills. Application of operations expertise to capital investment and disposition decisions. Management contracts, franchise agreements, capital budgets, capital markets, capital structures, labor, market cycles, and brand decisions.  

Effective Summer Semester 2022 Effective Fall Semester 2024

HB 472  Real Estate Financial Modeling  
Fall of every year. Spring of every year. 1(1-0)  P: (HB 273 or ITM 209) and (FI 320 or FI 311)  P: (HB 273 or ITM 209) and (HB 311 or FI 311 or FI 320)  R: Open to juniors or seniors in the Hospitality Business Major or in the Hospitality Real Estate Minor.  R: Open to juniors or seniors in the Hospitality Business Major or in the Real Estate Minor.  

Design and development of computer spreadsheet-based models to analyze real estate investment financial strategies and valuation issues.  

Effective Summer Semester 2022 Effective Fall Semester 2024
HB 474  Real Estate Valuation
Fall of every year. Spring of every year. 3(3-0) P: (HB 273 or ITM 209) and (FI 320 or FI 311) P: (HB 273 or ITM 209) and (HB 311 or FI 311 or FI 320) R: Open to juniors or seniors in the Hospitality Business Major or in the Real Estate Minor.
Financial management principles for real estate appraisal and valuation considering perspectives of brokers, consultants, developers, and investors. Theoretical and practical analyses with hospitality industry cases using spreadsheet software and technical writing. Capital markets, capital structures, discounted cash flow, internal rate of return, leverage, and net present value.

Effective Summer Semester 2022 Effective Fall Semester 2024

HB 482  Advanced Hospitality Finance
Spring of every year. 3(3-0) P: (HB 273 or ITM 209) and (FI 320 or FI 311) P: (HB 273 or ITM 209) R: Open to juniors or seniors in the Hospitality Business Major or in the Real Estate Minor.
Financial analysis regarding the financial viability of hospitality companies. Choosing between investment alternatives, financing, and financial restructuring.

Effective Summer Semester 2022 Effective Fall Semester 2024

HB 485  Hospitality Foodservice Operations
Fall of every year. Spring of every year. 3(1-4) P: HB 345 and HB 345L P: HB 365 R: Open to juniors or seniors in the Hospitality Business Major.
Beverage management and dining room service. Guest relations and current management topics. Emphasis on foodservice team projects.

Effective Summer Semester 2020 Effective Fall Semester 2024

HB 489  Hospitality Business Strategy (W)
Fall of every year. Spring of every year. 3(3-0) P: (HB 307 or MGT 315) and completion of Tier I writing requirement RB: Completion of Level I and Level 2 internships. R: Open to seniors in the Hospitality Business Major.
Management problems and issues in the hospitality industry. Focus on decision making models. Case study analysis, discussion and report writing. Internal and external analyses to develop sustainable competitive advantage. Generic business strategies. Internal resources and external environments. Developing strategic direction. Strategic thinking and planning. Formulating organizational strategy at business unit and corporate levels. Strategy implementation through organizational design and control.

Effective Summer Semester 2020 Effective Fall Semester 2024

HM 614  Student-Designed Elective Clerkship
Student-Designed Clinical Elective
Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. P: HM 556 RB: HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Customized experience of clinical science skills and knowledge. Clinical performance evaluation. Customized experience of clinical science skills and knowledge in a patient care setting.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.

Effective Summer Semester 2018 Effective Fall Semester 2023
### CENTER FOR INTEGRATIVE STUDIES IN ARTS AND HUMANITIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Description</th>
<th>Semester Effective</th>
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</thead>
<tbody>
<tr>
<td>IAH 201</td>
<td>United States and the World (D)</td>
<td>Fall of every year. Spring of every year. 4(4-0) P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement Major issues in development of U.S. society and culture, presented in international and comparative context. Influences from native Americans, Europeans, Africans, and Asians. Organized historically, with thematic emphasis on literature and the arts. Effective Fall Semester 2021 Effective Fall Semester 2023</td>
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<tr>
<td>IAH 202</td>
<td>Europe and the World (I)</td>
<td>Fall of every year. Spring of every year. Summer of every year. 4(4-0) P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement R: Open to undergraduate students. Cultural encounters and political relationships between Europeans and people(s) from other regions of the world since 1500 as shown through study of written texts, literature, the visual arts, music, and other forms of expression. Examples from Europe and several continents. Effective Fall Semester 2021 Effective Fall Semester 2023</td>
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<tr>
<td>IAH 203</td>
<td>Latin America and the World (I)</td>
<td>Fall of every year. Spring of every year. Summer of every year. 4(4-0) P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement Major issues in the development of Latin American societies and cultures, presented in global perspective. Influences from indigenous peoples, Europeans, Africans, and others. Organized thematically and historically, through study of written texts, literature, and the arts. Effective Fall Semester 2021 Effective Fall Semester 2023</td>
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<tr>
<td>IAH 204</td>
<td>Asia and the World (I)</td>
<td>Fall of every year. 4(4-0) P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement Major issues in the development of Asian societies and cultures and their interaction with other regions of the world since 1600. Topics from East, Southeast, and South Asia. Organized thematically and historically, through study of written texts, the arts, and other forms of expression. Effective Fall Semester 2021 Effective Fall Semester 2023</td>
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<tr>
<td>IAH 205</td>
<td>Africa and the World (I)</td>
<td>Fall of every year. Spring of every year. Summer of every year. 4(4-0) P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement Major issues in the development of African societies and their interaction with other regions of the world since 600 through study of written texts, the arts and other forms of expression. Topics from West, East, North, and Southern Africa. Organized thematically and historically. Effective Fall Semester 2021 Effective Fall Semester 2023</td>
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<tr>
<td>IAH 206</td>
<td>Self, Society, and Technology (D)</td>
<td>Fall of every year. Spring of every year. 4(4-0) P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement Exploration in how technology affects and is affected by our conceptions of ourselves, relations with others, and our ideals. Approaches and materials from philosophy, literature, art, music, and history as well as the natural sciences. Effective Fall Semester 2021 Effective Fall Semester 2023</td>
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<tr>
<td>IAH 207</td>
<td>Literatures, Cultures, Identities (I)</td>
<td>Fall of every year. Spring of every year. Summer of every year. 4(4-0) P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement Explorations in how literature reflects, creates, and challenges cultural and individual identities. Approaches and materials from literature, philosophy, the arts, religion, and history. Selected themes and issues, variable by term. Effective Fall Semester 2021 Effective Fall Semester 2023</td>
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</tbody>
</table>
PART III – COURSE CHANGES

IAH 207A  Race and Identity in Film and Media  (D)
Fall of every year. Spring of every year. Summer of even years. 4(2-3)  P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement
The production of racial identity through film and other media. Approaches and materials from literature, philosophy, the arts, religion, and history. Selected themes and issues, variable by term.
Effective Fall Semester 2022 Effective Fall Semester 2023

IAH 208  Music and Culture  (I)
Fall of every year. Spring of every year. 4(4-0)  P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement
Relationships between music and culture. Organized historically, geographically, or thematically, through study of written texts, music, the visual arts, and other forms of expression. Selected topics, variable by term in content and approach.
Effective Fall Semester 2021 Effective Fall Semester 2023

IAH 209  Art, the Visual, and Culture  (D)
Fall of every year. Spring of every year. Summer of every year. 4(4-0)  P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement
Exploration of art and visual culture in historical and cultural contexts. Reading and analysis of images. Approaches and materials from art history, anthropology, history, literature, philosophy, religious studies, economics, and natural science in cross-cultural and international perspective. Content variable by term.
Effective Fall Semester 2021 Effective Fall Semester 2023

IAH 210  Middle East and the World  (I)
Fall of every year. 4(4-0)  P: (WRA 1004) or designated score on English Placement test RB: Completion of Tier I Writing Requirement
Major issues in the development of Middle Eastern societies and cultures, presented in global perspective. Influences from European, Africans, Asians, and others. Organized thematically and historically, through study of written texts, literature, and the arts.
Effective Fall Semester 2021 Effective Fall Semester 2023

SCHOOL OF JOURNALISM

DS 211  Documentary Film History and Theory
Fall of every year. 2(4-4) 3(3-0) Interdepartmental with Film Studies and Journalism and Writing, Rhetoric and American Cultures. R: Open to students in the School of Journalism or in the Department of Media and Information or in the Department of Writing, Rhetoric and American Cultures or in the Film Studies major. R: Open to undergraduate students in the Documentary Production Minor.
Documentary history and theory from its origins to the present.
SA: MI 211
Effective Summer Semester 2021 Effective Spring Semester 2024

DS 311  Introduction to Documentary Filmmaking
Spring of every year. 3(2-2) Interdepartmental with Film Studies and Journalism and Writing, Rhetoric and American Cultures. P: DS 211 and CAS 112 R: Open to students in the School of Journalism or in the Department of Media and Information or in the Documentary Production Minor.
Introduction to documentary production using accessible and affordable digital technology.
SA: MI 311
Effective Summer Semester 2021 Effective Spring Semester 2024
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Taught</th>
<th>Credits</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Restriction(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW 501J</td>
<td>Secured Transactions and Practice</td>
<td>Fall of every year.</td>
<td>0 to 4</td>
<td>0 to 6</td>
<td>LAW 500E P: LAW 530E R: Open to Law students or master’s of law students or law</td>
<td>Not open to students with credit in LAW 501E.</td>
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<td>Spring of every year.</td>
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<td>lifelong students or law non degree students. R: Open to students in the MSU</td>
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<td>Summer of every year.</td>
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<td>College of Law. Not open to students in the MSU College of Law.</td>
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<td>Examination of the intricacies of a secured transaction under the Revised</td>
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<td>Article 9 of the Uniform Commercial Code. Intricacies of a secured transaction</td>
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<td>under the Revised Article 9 of the Uniform Commercial Code.</td>
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<td>Effective Summer Semester 2011 Effective Spring Semester 2024</td>
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<tr>
<td>LAW 505C</td>
<td>Problem-Solving Approaches to Conflict Resolution</td>
<td>Fall of every year.</td>
<td>2 to 4</td>
<td>0 to 6</td>
<td>LAW 500A or LAW 500B P: LAW 530A R: Open to students in the MSU College of Law.</td>
<td>Open to students in the MSU College of Law.</td>
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<td>Spring of every year.</td>
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<td>An interactive course covering alternative dispute resolution, negotiations,</td>
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<td>Summer of every year.</td>
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<td>mediation, agreements to mediate, mediator liability, and professional</td>
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<td>responsibility. Alternative dispute resolution, negotiations, mediation,</td>
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<td>agreements to mediate, mediator liability, and professional responsibility.</td>
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<td>SA: DCL 553 Effective Spring Semester 2006 Effective Spring Semester 2024</td>
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<tr>
<td>LAW 506G</td>
<td>Advanced Chapter 7 Practicum</td>
<td>Fall of every year.</td>
<td>0 to 6</td>
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<td>LAW 500A or LAW 500B P: LAW 530A R: Open to students in the MSU College of Law.</td>
<td>Open to students in the MSU College of Law.</td>
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<td>Spring of every year.</td>
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<td>Provide assistance to the pro se debtor in chapter 7 bankruptcy cases.</td>
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<td>Summer of every year.</td>
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<td>Request the use of the Pass-Fail Grade (P-F) system.</td>
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<td>Effective Spring Semester 2012 Effective Spring Semester 2024</td>
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<td>LAW 508C</td>
<td>Corporate Income Tax</td>
<td>Fall of every year.</td>
<td>0 to 6</td>
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<td>LAW 501A or LAW 501B or LAW 501K P: LAW 501K R: Open to Law students or master's</td>
<td>Open to students in the MSU College of Law.</td>
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<td>Spring of every year.</td>
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<td>of law students or law lifelong students or law non degree students. R: Open</td>
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<td>Summer of every year.</td>
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<td>to students in the MSU College of Law.</td>
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<td>Federal income tax of corporations and shareholders. Tax consequences of choice</td>
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<td>of entity. Tax aspects of S-Corporation.</td>
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<td>SA: DCL 465 Effective Summer Semester 2013 Effective Spring Semester 2024</td>
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<tr>
<td>LAW 512K</td>
<td>International Commercial Arbitration</td>
<td>Fall of every year.</td>
<td>1 to 4</td>
<td>0 to 6</td>
<td>LAW 500A and LAW 500B P: LAW 530A R: Open to Law students or master’s of law</td>
<td>Open to students in the MSU College of Law.</td>
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<td>Spring of every year.</td>
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<td>students or law lifelong students or law non degree students. R: Open to</td>
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<td>Summer of every year.</td>
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<td>students in the MSU College of Law.</td>
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<td>Understanding of the international commercial arbitration process and the role</td>
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<td>of national courts. The international commercial arbitration process and the</td>
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<td>role of national courts.</td>
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<td>Effective Fall Semester 2009 Effective Spring Semester 2024</td>
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<td>LAW 519</td>
<td>Partnership Tax</td>
<td>Spring of every year.</td>
<td>0 to 6</td>
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<td>LAW 501A or LAW 501B or LAW 501K and LAW 500M P: (LAW 501K) and LAW 500M R:</td>
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<td>Open to Law students or law advanced students or law lifelong students or law</td>
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<td>non degree students.</td>
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<td>Tax issues associated with form, term, liquidation, transfer and class problems.</td>
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<td>SA: DCL 316 Effective Summer Semester 2013 Effective Spring Semester 2024</td>
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<td>LAW 533J</td>
<td>Patent Application Preparation</td>
<td>Fall of every year.</td>
<td>0 to 6</td>
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<td>LAW 533K or concurrently R: Open to Law students or law advanced students or</td>
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<td>Spring of every year.</td>
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<td>law lifelong students or law non degree students in the MSU College of Law.</td>
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<td>Summer of every year.</td>
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<td>Structure and methodology for preparing a universal patent application suitable</td>
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<td>for filing patents throughout the world.</td>
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<td>SA: DCL 556 Effective Summer Semester 2017 Effective Spring Semester 2024</td>
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</tbody>
</table>
### LAW 540B  Estate Planning & Drafting Seminar

**Estate Planning and Drafting Seminar**  
Spring of every year. 2 to 4 credits. 0 to 6 credits. **P:** LAW 501A or LAW 501B and (LAW 501D and LAW 500Q)  
**R:** Open to students in the MSU College of Law.  
The course focuses on federal estates, gifts, & generation-skipping transfer taxes. This is a hands-on course that requires students to draft wills and trusts. Federal estates, gifts, and generation-skipping transfer taxes. Draft wills and trusts.  
**SA:** DCL 482  
Effective Spring Semester 2006 Effective Spring Semester 2024

### LAW 545P  International Taxation and Tax Treaties

**International Taxation and Tax Treaties**  
On Demand. 0 to 6 credits. **P:** LAW 501K or LAW 501A or LAW 501B  
**R:** Open to Law students or master of laws students or law lifelong students or law non-degree students.  
Surveys U.S. taxation of U.S. and foreign persons engaged in international activities. U.S. taxation of U.S. and foreign persons engaged in international activities.  
Effective Fall Semester 2016 Effective Spring Semester 2024

### LAW 549D  Topics in Comparative Constitutional Law

**Topics in Comparative Constitutional Law**  
Fall of every year. Spring of every year. Summer of every year. 1 to 4 credits. 0 to 6 credits. **P:** LAW 500J and LAW 500K and LAW 500C  
**R:** Open to Law students or master of laws students or law lifelong students or law non degree students.  
Examination of approaches to free expression in a variety of democratic countries. Approaches to free expression in a variety of democratic countries.  
Effective Spring Semester 2009 Effective Spring Semester 2024

### LAW 579A  Bill of Rights Seminar

**Bill of Rights Seminar**  
Fall of every year. 2 to 4 credits. 0 to 6 credits. **P:** LAW 500C and LAW 500N  
**R:** Open to students in the MSU College of Law.  
This course focuses on the legal & theoretical questions surrounding the Bill of Rights. Legal and theoretical questions surrounding the Bill of Rights.  
**SA:** DCL 394  
Effective Spring Semester 2006 Effective Spring Semester 2024

### LAW 593B  Commercial Transactions Seminar

**Commercial Transactions Seminar**  
Fall of every year. 2 to 4 credits. 0 to 6 credits. **P:** LAW 501C and LAW 501E  
**R:** Open to students in the MSU College of Law.  
A study of commercial financing from the point-of-view of a practitioner.  
Commercial financing from the point-of-view of a practitioner.  
**SA:** DCL 490  
Effective Spring Semester 2006 Effective Spring Semester 2024

### LAW 593G  Consumer Law

**Consumer Law**  
Fall of every year. Spring of every year. Summer of every year. 1 to 4 credits. 0 to 6 credits. **P:** LAW 500D and LAW 500E and LAW 500G and LAW 500R  
**P:** LAW 530B  
**R:** Open to Law students or master of laws students or law lifelong students or law non degree students.  
Special legal requirements for consumer transactions.  
**SA:** DCL 365  
Effective Fall Semester 2009 Effective Spring Semester 2024

### LAW 594B  Contract Theory Seminar

**Contract Theory Seminar**  
Fall of every year. Spring of every year. 2 to 4 credits. 0 to 6 credits. **P:** LAW 500D and LAW 500E  
**P:** LAW 530B  
**R:** Open to students in the MSU College of Law.  
Explore the theoretical & jurisprudential basis for enforcement of promises. Readings & discussions will address historical & anthropological conceptions of contract, comparative analyses of the civil & common law of contracts & gift promises, theoretical justifications for state enforcement of promises & modern challenges to contract doctrines & principles such as freedom of contracts.  
Theoretical and jurisprudential basis for enforcement of promises.  
**SA:** DCL 600  
Effective Spring Semester 2006 Effective Spring Semester 2024
LAW 627A  Moot Court Competition
Fall of every year. 2 to 4 credits. 0 to 6 credits. P: LAW 500J and LAW 500K P: (LAW 530D or LAW 530E or LAW 5300 or LAW 530N) and LAW 530J R: Open to students in the MSU College of Law. This is an intramural Moot Court Competition open to all students after their first year. Students must elect this option during their third semester. Intramural Moot Court Competition. Request the use of the Pass-Fail Grade (P-F) system. SA: DCL 700 Effective Spring Semester 2006 Effective Spring Semester 2024

LAW 627N  Negotiation Competition
Fall of every year. Spring of every year. 0 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: (LAW 530D or LAW 530E or LAW 530N or LAW 530Q) and LAW 530J and LAW 530E P: LAW 530D or LAW 530E or LAW 530N or LAW 530Q R: Open to Law students. R: Open to students in the MSU College of Law. Mechanics of negotiation Mechanics of negotiation with a focus on preparation for interscholastic or bar association competitions. Request the use of the Pass-Fail Grade (P-F) system. Effective Fall Semester 2015 Effective Spring Semester 2024

LAW 630K  Street Law
Fall of every year. Spring of every year. Summer of every year. 0 to 4 credits. 0 to 6 credits. A student may earn a maximum of 4 credits in all enrollments for this course. P: LAW 500C and LAW 500N and LAW 500F P: LAW 530S R: Open to Law students or master’s of law students or law lifelong students or law non-degree students. R: Open to students in the MSU College of Law. Collaboration with a local school district to expose high school students to the law and legal concepts. Effective Spring Semester 2010 Effective Spring Semester 2024

LAW 636  American Legal History Seminar
Fall of every year. 2 to 4 credits. 0 to 6 credits. P: LAW 500C P: LAW 530S R: Open to students in the MSU College of Law. A study of the tension between the rights of the individual and the government. Tension between the rights of the individual and the government. SA: DCL 552 Effective Spring Semester 2006 Effective Spring Semester 2024

LAW 810U  Regulatory Leadership in Food Law
Spring of every year. 0 to 6 credits. R: Open to Law students or law advanced students or law lifelong students or law non-degree students. Introduction to regulatory affairs through the regulation of food. DELETE COURSE Effective Summer Semester 2023

DEPARTMENT OF LINGUISTICS, LANGUAGES AND CULTURES

LLT 307  Methods of Second and Foreign Language Teaching
Fall of every year. Spring of every year. 3(3-0) P: Completion of Tier I Writing Requirement National and international approaches, methods, materials, settings, needs, and characteristics of ESL and foreign language students. Survey, evaluation, and application of major effective methods and materials. SA: ENG 307 Effective Summer Semester 2015 Effective Summer Semester 2024

LLT 346  Pedagogical English Grammar for English Teachers
Fall of every year. 3(3-0) P: LIN 200 or LIN 401 or ENG 302 P: (LIN 200 or concurrently) or (LIN 401 or concurrently) or (ENG 302 or concurrently) Teaching grammar to English-as-second language (ESL) students. Grammar lesson plan development. English grammar, error identification, common English-as-second language errors, evaluation of grammar textbooks, and the role of error correction in English-as-second language teaching. Effective Summer Semester 2014 Effective Summer Semester 2024
LLT 361  Second and Foreign Language Learning  
Fall of every year. Spring of every year. 3(3-0)  P: LIN 200 or LIN 401 or ENG 302  P: (LIN 200 or concurrently) or (LIN 401 or concurrently) or (ENG 302 or concurrently)  
Basic principles of learning a second or foreign language. Issues in first language acquisition. Theories of second language learning. Aptitude, motivation, attitude, learning grammar, age, learning in a classroom, myths, and facts about second language learning.  
**Effective Summer Semester 2014 Effective Summer Semester 2024**

LLT 362  Child Second Language Learning  
Fall of every year. Spring of every year. 3(3-0)  P: LIN 200 or LIN 401 or ENG 302  P: (LIN 200 or concurrently) or (LIN 401 or concurrently) or (ENG 302 or concurrently)  
RB: Some familiarity with linguistic concepts.  
**Effective Spring Semester 2023 Effective Summer Semester 2024**

**LYMAN BRIGGS COLLEGE**

LB 133  Introduction to History, Philosophy, and Sociology of Science  
Introduction to Science and Society  
Fall of every year. Spring of every year. 4(4-0)  P: Designated score on English Placement test  R: Open to students in the Lyman Briggs College or in the Science, Technology, Environment and Public Policy Specialization.  
R: Open to students in the Lyman Briggs College.  Not open to students with credit in RCAH 111 or WRA 101 or WRA 195H. Not open to students with credit in MC 111 or RCAH 111 or WRA 101 or WRA 195H.  
Introduction to the history, philosophy, and sociology of science, technology, the environment, and medicine. Instruction and practice in formal writing. Introduction to the science of society, technology, the environment, and medicine. Instruction and practice in formal writing.  
SA: LBS 133  
**Effective Fall Semester 2016 Effective Fall Semester 2023**

LB 290A  Directed Study-Multidisciplinary  
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 students in the Lyman Briggs College.  
Directed studies involving at least two Lyman Briggs College curricular areas: biology, chemistry, physics, mathematics, history, philosophy, and sociology of science. Directed studies involving at least two Lyman Briggs College curricular areas: biology, chemistry, physics, mathematics, and science and society.  
SA: LBS 290A  
**Effective Spring Semester 2014 Effective Fall Semester 2023**

LB 330  Topics in History, Philosophy, and Sociology of Science (W)  
Topics in Science and Society (W)  
Fall of every year. Spring of every year. Summer of odd years. 4(4-0)  P: (LB 133) or completion of Tier I writing requirement  R: Open to students in the Lyman Briggs College or in the Science, Technology, Environment and Public Policy Specialization.  
R: Open to students in the Lyman Briggs College.  
Topics in history, philosophy, and sociology of science, technology, the environment, and medicine. Topics in science and society, technology, the environment, and medicine.  
SA: LBS 330  
**Effective Spring Semester 2014 Effective Fall Semester 2023**
LB 490A  Advanced Directed Study--Multidisciplinary  
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 students in the Lyman Briggs College. 
Directed advanced studies involving at least two Lyman Briggs College curricular areas: biology, chemistry, physics, mathematics, history, philosophy, sociology of science, and computing. Directed advanced studies involving at least two Lyman Briggs College curricular areas: biology, chemistry, physics, mathematics, science and society, and computing. 
SA: LBS 490A 
Effective Spring Semester 2014 Effective Fall Semester 2023

LB 490E  Advanced Directed Study--History, Philosophy, Sociology of Science  (W)  
Advanced Directed Study--Science and Society  (W)  
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: (LB 133) or completion of Tier I writing requirement R: Open to students in the Lyman Briggs College or in the Science, Technology, Environment and Public Policy Specialization. 
Directed advanced studies in history, philosophy, sociology of science, technology, the environment, or medicine. Directed advanced studies in science and society, technology, the environment, or medicine. 
SA: LBS 490E 
Effective Spring Semester 2014 Effective Fall Semester 2023

DEPARTMENT OF MARKETING

MKT 805  Marketing Management  
Spring of every year. On Demand. 2 to 3 credits. R: Open to master's students in the Master of Business Administration in Business Administration or in the Marketing Research and Analytics major or approval of department. 
Strategic and decision-making aspects of marketing functions. Analysis, coordination, execution of marketing programs. Development of strategies and tactics. Segmentation, marketing mix, market response modeling, and ethics in a global context. 
SA: MSC 805 
Effective Fall Semester 2009 Effective Spring Semester 2024

MKT 806  Marketing Research for Decision Making  
Spring of every year. On Demand. 1 to 3 credits. P: MBA 820 R: Open to master's students in the Marketing Research major and open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or approval of department. 
Collection and analysis of marketing research data for marketing decision making. Focuses on marketing research methods for data collection and introductory data analysis. 
SA: MSC 806 
Effective Spring Semester 2022 Effective Spring Semester 2024

MKT 816  Marketing Analysis  
Spring of every year. On Demand. 1 to 3 credits. P: MKT 806 R: Open to master's students in the Marketing Research major and open to MBA students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or approval of department. 
Analysis of marketing data from a variety of sources for decision making. Use of statistical software to analyze marketing data. Scanner data, data mining, and web site metrics and analytics. 
Effective Fall Semester 2013 Effective Spring Semester 2024
MKT 819  Predictive Analytics
Fall of every year. Spring of every year. On Demand. 1 to 3 credits. P: MKT 816 RB: Previous coursework in marketing and marketing research. R: Open to students in the Master of Business Administration in Business Administration or in the Marketing Research major or approval of department. R: Open to master's students in the Marketing Research and Analytics major or in the Master of Business Administration in Business Administration or approval of department.
Advanced quantitative methods for marketing research. Focuses on marketing research for understanding and predicting sales and related marketing variables. Includes multiple regression, logistic regression, time series, and neural network modeling. Emphasis on applications of these techniques using statistical analysis software.
Effective Summer Semester 2019 Effective Spring Semester 2024

MKT 865  Emerging Topics in Business
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. RB: MBA 830 or MKT 805 RB: MKT 805 R: Open to graduate students in the Eli Broad College of Business and The Eli Broad Graduate School of Management or approval of department.
Perspectives on new and emerging issues of business administration. Topics vary. 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.
SA: MSC 865
Effective Summer Semester 2015 Effective Spring Semester 2024

MKT 867  Sampling and Research Design
Survey Design and Sampling
Fall of every year. Spring of every year. On Demand. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. R: Open to master's students in the Marketing Research major or approval of department. R: Open to master's students in the Marketing Research and Analytics major or approval of department.
Experimental design, survey/questionnaire design, sampling, and data collection in marketing.
Effective Fall Semester 2017 Effective Spring Semester 2024

MKT 880  Consumer Decision Making and Behavior
Fall of every year. Spring of every year. Summer of every year. 2(2-0) 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Approval of department.
Concepts, theories, and principles from the various behavioral sciences to understand factors influencing the acquisition, consumption, and evaluation of customer experiences and relationships with experience providing organizations.
Effective Summer Semester 2022 Effective Spring Semester 2024

MKT 881  Qualitative Research
Fall of every year. Spring of every year. Summer of every year. 2(2-0) 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. P: MKT 880 R: Approval of department.
Qualitative research methods for understanding customer and employee needs, desires, and factors inhibiting an organization's ability to deliver.
Effective Summer Semester 2022 Effective Spring Semester 2024

MKT 891  Special Topics in Marketing
Fall of every year. Spring of every year. On Demand. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to graduate students in the Marketing Research major or approval of department. R: Open to master's students in the Marketing Research and Analytics major or approval of department.
Special topics in marketing. 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 Semester 2016 Effective Spring Semester 2024
MKT 897  Data Analysis, Integration and Visualization
Fall of every year. Spring of every year. Summer of every year. (2-3) 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. P: MKT 896 R: Approval of department.
Centralized analysis, integration and visualization of data for use in customer and employee experience decision making.
Effective Summer Semester 2022 Effective Spring Semester 2024

COLLEGE OF NURSING

NUR 221  Future of Nursing: Explore Potential Career Opportunities and Graduate Education
Spring of every year. 2(2-0) R: Open to students in the BSN Nursing Major or in the Pre-nursing Major or approval of college. R: Open to students in the Nursing Major or in the Pre-nursing Major or approval of college.
Fosters student motivation in pursuing advanced degrees in nursing. The course will examine perspectives related to the future of nursing and provide the opportunity for students to explore post-BSN career opportunities and the options for graduate education in nursing. Examine perspectives related to the future of nursing and foster student motivation to explore and pursue post-BSN career opportunities and advanced degrees in nursing.
Request the use of the Pass-No Grade (P-N) system.
Effective Spring Semester 2023 Effective Spring Semester 2024

NUR 342  Research, Ethics, and Evidence-Based Practice I
Research Ethics and EBP
Fall of every year. Spring of every year. 3(3-0) P: (STT 200 or STT 201) and ((NUR 323 and NUR 333) and completion of Tier I writing requirement)
Evidence-based practice and research methodology to inform ethical nursing practice.
Effective Fall Semester 2019 Effective Spring Semester 2024

NUR 442  Research, Ethics, and Evidence-Based Practice II
Senior Scholarly Capstone Project
Fall of every year. Spring of every year. Summer of every year. 3(3-0) P: (NUR 342 and NUR 434 and NUR 438 and NUR 439) and completion of Tier I writing requirement
Application of evidence based practice and research methodology to inform ethical nursing practice.
Effective Fall Semester 2019 Effective Spring Semester 2024

DEPARTMENT OF PUBLIC HEALTH (CS MOTT)

HM 101

PH 101  Introduction to Public Health
Spring of every year. 3(3-0)
Effective Fall Semester 2012 Effective Spring Semester 2024

HM 801

PH 801  Introduction to Public Health
Fall of every year. Spring of every year. Summer of every year. 3(3-0) R: Open to students in the Public Health Major or in the Public Health Graduate Certificate. R: Open to students in the Public Health Graduate Certificate or in the Public Health Major.
Introduction to public health philosophy and core knowledge areas. Ethical, legal and political considerations. Emphasis on principles and tools for population health, disease prevention and health promotion, health determinants, healthcare and public health systems.
Effective Spring Semester 2018 Effective Spring Semester 2024
HM 802
PH 802  Biostatistics for Public Health
Fall of every year. Spring of every year. Summer of every year. 3(3-0) RB: College Algebra.
Academic or professional background in public health or public health-related discipline, undergraduate level math or statistics course work. R: Open to students in the Public Health Major or in the Public Health Graduate Certificate.
Practical applications and methods using software (SAS, Epi-Info) for statistical analysis, database construction, data visualization and interpretation.
Effective Spring Semester 2018 Effective Spring Semester 2024

HM 803
PH 803  Epidemiology and Public Health
Fall of every year. 3(3-0) RB: Academic or professional background in public health or public health-related discipline, undergraduate level math or statistics course work. R: Open to master's students in the Public Health Major or in the Public Health Specialization. R: Open to master's students in the Public Health Major. Not open to students with credit in EPI 810.
Distributions and determinants of disease in population. Epidemiologic research, quantitative methods, study designs pros/cons.
Effective Fall Semester 2023 Effective Spring Semester 2024

HM 804
PH 804  Public Health Policy and Administration
Spring of every year. 3(3-0) RB: Academic or professional background in public health or public health-related discipline, undergraduate level math or statistics course work. R: Open to master's students in the Public Health Major.
Structural, operational, leadership and components of health policy and public health administration. Community health assessment, advocacy and evaluation within public health agencies and programs. Major business systems used for administration of public health agencies and programs.
Effective Summer Semester 2018 Effective Spring Semester 2024

HM 805
PH 805  Social and Behavioral Aspects of Public Health
Spring of every year. 3(3-0) RB: Academic or professional background in public health or public health-related discipline, undergraduate level math or statistics course work. R: Open to master's students in the Public Health Major or in the Public Health Specialization. R: Open to master's students in the Public Health Major.
Concepts and methods of social and behavioral sciences applied to public health problems and issues.
Effective Spring Semester 2009 Effective Spring Semester 2024

HM 806
PH 806  Environmental Factors of Health
Spring of every year. 3(3-0) RB: Academic or professional background in public health or public health-related discipline, undergraduate level math or statistics course work. R: Open to master's students in the Public Health Major or in the Public Health Specialization. R: Open to master's students in the Public Health Major.
Biological, physical and chemical factors that affect health of populations. Regulatory approaches to environmental hazards. Potential impact of environmental agents on health and preventive management approaches.
Effective Spring Semester 2009 Effective Spring Semester 2024

HM 807
PH 807  Practical Application and Critical Thinking in Public Health
Fall of every year. Spring of every year. Summer of every year. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college.
Critical thinking, reading skills, explanations, problem solving, and decision making in public health using case studies. Questioning assumptions, identifying bias, determining causality, and application of the scientific method. Reporting guidelines and systematic literature reviews.
Effective Summer Semester 2019 Effective Spring Semester 2024
HM 808  PH 808  Public Health Surveillance  
Summer of odd years. 3(3-0) RB: Academic or professional background in public health, epidemiology and/or public health related discipline. R: Open to students in the Public Health Major or approval of college. 
  
- Introduction, history, and design of national, state and local public health surveillance systems for communicable diseases, chronic diseases, birth defects, injury, and disasters. 
- Use of surveillance data sources. 
  
**Effective Summer Semester 2013 Effective Spring Semester 2024**

HM 825  PH 825  Transition to Graduate Academic Writing  
Fall of every year. Spring of every year. Summer of every year. 1(1-0) RB: completion of Tier 2 writing assignment or undergraduate degree R: Open to students in the Public Health Major and open to juniors or seniors or graduate students or approval of college. 
  
- Identify and analyze scholarly articles and published research studies to develop effective writing skills within the genre of academic writing and scholarship. 
- Request the use of the Pass-No Grade (P-N) system. 
  
**Effective Spring Semester 2021 Effective Spring Semester 2024**

HM 827  PH 827  Principles of Public Health Leadership  
Fall of every year. Spring of every year. Summer of every year. 1(1-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college. 
  
- Context, competencies and core leadership skills. Theories and research in public health and related organizations. Best practices, leadership styles, professional identity. Future leadership challenges. 
  
**Effective Summer Semester 2018 Effective Spring Semester 2024**

HM 828  PH 828  Community Engagement in Public Health Practice  
Fall of every year. Spring of every year. Summer of every year. 3(3-0) R: Open to graduate students in the Public Health Major. 
  
- Methods, ethics, and issues in community engaged practice and scholarship. 
  
**Effective Fall Semester 2018 Effective Spring Semester 2024**

HM 831  PH 831  Communicable Disease in Public Health  
Fall of even years. 3(3-0) P: HM 801 and HM 803 P: PH 801 and PH 803 RB: Academic or professional background in public health or public health related discipline. Undergraduate level math or statistics course work. R: Open to students in the Public Health Major or approval of college. 
  
  
**Effective Fall Semester 2009 Effective Spring Semester 2024**

HM 832  PH 832  Global Public Health  
Spring of even years. 3(3-0) RB: Academic or professional background in public health or public health related discipline. Undergraduate level math or statistics course work. R: Open to students in the Public Health Major or approval of college. 
  
- Factors and dynamics that affect global public health. Application of public health principles and policies in international settings. Key international stakeholders and their roles in global public health. 
  
**Effective Fall Semester 2010 Effective Spring Semester 2024**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Offered</th>
<th>Pre-requisites</th>
<th>Co-requisites</th>
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<tr>
<td>HM 833</td>
<td>Introduction to Pharmaceutical Counterfeiting and Public Health</td>
<td>3(3-0)</td>
<td>Fall of odd years. 3(3-0)</td>
<td>P: HM 801 P: PH 801 RB: Academic or professional background in public health or public health related discipline. R: Open to students in the Public Health Major or approval of college.</td>
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<td>General principles of counterfeiting, counterfeit pharmaceuticals, and how it affects public health. Scope, policy, supply chain management, and health effects are examined using current case examples.</td>
<td>Effective Fall Semester 2009 Effective Spring Semester 2024</td>
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<td>HM 835</td>
<td>Independent Study in Public Health</td>
<td>1 to 9</td>
<td>Fall of every year. Spring of every year.</td>
<td>A student may earn a maximum of 9 credits in all enrollments for this course. R: Open to students in the Public Health Major or approval of college.</td>
<td>Independent study in areas relevant to public health. Effective Fall Semester 2009 Effective Spring Semester 2024</td>
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<td>HM 836</td>
<td>Comparative Global Healthcare Systems</td>
<td>3(3-0)</td>
<td>Spring of every year.</td>
<td>RB: Undergraduate degree in science or applied science with experience in a healthcare clinical setting. R: Open to students in the Public Health Major or approval of college.</td>
<td>Public health and culture, environment, psychosocial and economic issues. Healthcare systems and health policies. Community health assessments. Effective Spring Semester 2010 Effective Spring Semester 2024</td>
</tr>
<tr>
<td>HM 837</td>
<td>Poverty and Public Health</td>
<td>3(3-0)</td>
<td>Fall of even years. 3(3-0)</td>
<td>P: HM 801 P: PH 801 RB: Academic or professional background in public health or public health related discipline. Undergraduate level math or statistics course work. R: Open to students in the Public Health Major or approval of college.</td>
<td>Concepts of health and poverty and their interrelatedness from a global and public health perspective. Roles of international agencies, national policy, gender, socioeconomic status, race, ethnicity, culture, access to resources, and conflict. Role of public health programs in the achievement and maintenance of healthy populations. Struggle to eliminate poverty. Effective Fall Semester 2009 Effective Spring Semester 2024</td>
</tr>
<tr>
<td>HM 838</td>
<td>Cultural Aspects of Public Health Practice</td>
<td>3(3-0)</td>
<td>Fall of every year. 3(3-0)</td>
<td>RB: Academic or professional background in public health and/or public health related discipline, undergraduate level math or statistics coursework R: Open to students in the Public Health Major or approval of college.</td>
<td>Cultural concepts that shape health and illness. Major issues and trends in global health. Cultural and socioeconomic factors related to work with diverse populations. Applications for public health practice. Effective Fall Semester 2010 Effective Spring Semester 2024</td>
</tr>
<tr>
<td>HM 840</td>
<td>Public Health Finance</td>
<td>3(3-0)</td>
<td>Spring of odd years. 3(3-0)</td>
<td>RB: Academic or professional background in public health or public health related discipline, experience with databases. R: Open to students in the Public Health Major or approval of college.</td>
<td>Issues surrounding financial administration of health service organizations. Pragmatic side of healthcare finance, incorporating healthcare economics. Effective Fall Semester 2011 Effective Spring Semester 2024</td>
</tr>
</tbody>
</table>
PART III – COURSE CHANGES

HM 841  PH 841  Public Health Policy
Fall of every year. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health major or in the Public Health Specialization or approval of college. R: Open to students in the Public Health Major or approval of college. U.S. healthcare delivery and financing systems and their contributions to improving health status. Effective Fall Semester 2010 Effective Spring Semester 2024

HM 842  PH 842  Introduction to Public Health Informatics
Fall of even years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline, experience with databases R: Open to students in the Public Health Major or approval of college. Survey of information technology applications in the public health domain, functions and tools used to generate public health knowledge. Disease surveillance platforms and web-based public health education, ethical and legal issues surrounding data exchange. Effective Fall Semester 2010 Effective Spring Semester 2024

HM 845  PH 845  Informatics and Information Technology
Spring of odd years. 3(3-0) P: HM 842 and HM 843 P: PH 842 RB: Academic or professional background in public health and/or public health related discipline, experience with databases R: Open to students in the Public Health Major or approval of college. Information technology for health informatics systems, principles of relational database systems, operations, information systems, data sets, data standards and classification systems. Effective Spring Semester 2023 Effective Spring Semester 2024

HM 847  PH 847  Public Health in Ghana: A One Health Perspective
Summer of every year. Abroad, Abroad, Abroad 5(5-0) Interdepartmental with Osteopathic Medicine. RB: Academic or professional background in public health and/or public health related discipline; undergraduate level health-related discipline R: Approval of college; application required. Major public health issues in Ghana from a One Health perspective; interface between Western and traditional health care beliefs and practices in Ghana; community engagement experience employing participatory research methods with emphasis on social justice and ethical conduct of research. Request the use of ET-Extension to postpone grading. The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment. Effective Summer Semester 2021 Effective Summer Semester 2024

HM 852  PH 852  Outbreak Investigations in Public Health
Spring of odd years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline, experience with databases R: Open to students in the Public Health Major or approval of college. Process for conducting public health outbreak investigations including the role of local, state, federal and international agencies. Legal, political, media and law enforcement issues. Effective Spring Semester 2011 Effective Spring Semester 2024

HM 853  PH 853  Public Health Program/Intervention Evaluation
Fall of even years. 3(3-0) P: HM 801 P: PH 801 RB: Academic or professional background in public health and/or public health related discipline R: Open to graduate students in the Public Health Major or approval of college. Introduce public health program evaluation methods/tools. Causal inference criteria, standard evaluation guides, procedural and outcome evaluation methods and needs assessment and performance monitoring methods. Integrates epidemiology, biostatistics and public health knowledge pertaining to program evaluation. Effective Fall Semester 2010 Effective Spring Semester 2024
HM 854  PH 854  Health Equity Framework For Public Health Practice  
Spring of odd years. 3(3-0) RB: Academic or professional background in Public Health and or public health related discipline R: Open to students in the Public Health Major or in the Public Health Specialization or approval of college. R: Open to students in the Public Health Major or approval of college.  
Social justice and health equity framework for the practice of public health with analysis of persistent health disparity across race, class, gender, and other forms of difference.  
Effective Spring Semester 2011 Effective Spring Semester 2024

HM 861  PH 861  Introduction to Public Health Nutrition  
Spring of odd years. 3(3-0) RB: Academic or professional background in public health or public health related discipline, experience with databases R: Open to students in the Public Health Major or approval of college.  
Biological principles of nutrition and physical activity with public health focus. Nutritional issues in specific populations. Introduction to malnutrition, current issues in nutrition, role of nutrition in chronic diseases, and nutrition policy and intervention programs.  
Effective Fall Semester 2011 Effective Spring Semester 2024

HM 862  PH 862  Global Pandemics and Public Health Systems, Law, and Community Impacts  
Fall of every year. Spring of every year. 3(3-0) R: Open to students in the Public Health Major and open to juniors or seniors or graduate students or approval of college.  
Public health systems and response to pandemics including public health law and ethics, disease transmission, testing and treatment, and social and community context.  
Effective Spring Semester 2021 Effective Spring Semester 2024

HM 863  PH 863  Parasitic Diseases and Public Health in Developing Countries  
Spring of even years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline, knowledge of parasitology R: Open to students in the Public Health Major or approval of college.  
Nature, impact and control of parasitic diseases in developing countries.  
Effective Spring Semester 2012 Effective Spring Semester 2024

HM 864  PH 864  Intersections of Human and Animal Health  
Summer of odd years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline, experience with databases R: Open to graduate students in the Public Health Major or approval of college.  
Epidemiology and preventive medicine disease control methods for the control of infectious diseases and environmental health issues shared by animals and people.  
Effective Summer Semester 2011 Effective Spring Semester 2024

HM 865  PH 865  Vitamins and Minerals: Risks to Public Health  
Spring of even years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college.  
Introduction to public health issues in vitamin and mineral nutrition, including biological roles, human requirements, and consequences of deficiency and excesses. Current issues regarding specific micronutrient status in U.S. and worldwide. Current and proposed population-based interventions.  
Effective Spring Semester 2012 Effective Spring Semester 2024
PART III – COURSE CHANGES

HM 868  PH 868  Integrated Research Study Design and Informatics
Fall of odd years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline, nursing or allied health R: Open to students in the Public Health Major or approval of college.

Introduction to clinical trial phases, research design, informatics aims, informatics platforms and datum lifecycle.

Effective Fall Semester 2011 Effective Summer Semester 2024

HM 871  PH 871  Vaccine Preventable Diseases of Public Health Importance
Spring of even years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college.

Vaccine-preventable diseases of importance to the public health and the global community. Basic epidemiology, surveillance, vaccine updates, status of the vaccination programs, associated cost, benefits, and related public health policies. Current controversies associated with national and international disease control, elimination, and eradication campaigns.

Effective Spring Semester 2012 Effective Spring Semester 2024

HM 873  PH 873  Maternal and Child Health: A Global Public Health Perspective
Spring of even years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college.

Introduction to historical and cultural foundations of maternal and child global public health. Health care needs, health determinants and disparities, programs, policies and public health issues affecting women and children.

Effective Spring Semester 2012 Effective Spring Semester 2024

HM 876  PH 876  Nutrition and Chronic Diseases: Living Longer and Healthier
Summer of even years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college.

Role of nutrition and physical activity in chronic diseases with emphasis on macronutrients. Relationship between obesity and health and socioeconomic disparities in the United States and current policies. Overview of nutrition transition and impact on developing nations.

Effective Summer Semester 2012 Effective Spring Semester 2024

HM 877  PH 877  Public Health Nutrition and the Life Stages
Fall of even years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college.


Effective Fall Semester 2012 Effective Spring Semester 2024

HM 878  PH 878  Applied Biostatistics for Public Health Practitioners
Fall of even years. Spring of every year. 3(3-0) P: HM 802 P: PH 802 RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or in the Public Health Graduate Certificate.

Intermediate techniques and applications of multivariable logistic and linear regression in public health. Interpretation of statistical models.

Effective Spring Semester 2018 Effective Spring Semester 2024
HM 880
PH 880
Study Design and Research Methods for Public Health Practice
Fall of every year. Spring of every year. Summer of every year. 3(3-0) P: HM 802 and HM 803 P: PH 802 and PH 803 RB: Academic or professional background in public health and/or public health related discipline, experience with databases R: Open to students in the Public Health Major or approval of college. Not open to students with credit in VM 830.
Examination of empirical and logical basis of public health research. Identification of research questions, study design, data collection and qualitative and quantitative approaches. Reporting of findings. Proposal writing. Ethical considerations in research.
Effective Summer Semester 2018 Effective Spring Semester 2024

HM 881
PH 881
Pathogenesis of Parasitic Infections Important to Public Health
Summer of every year. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college.
Specific causes and progression of major parasitic diseases important to global public health; diverse aspects of the host's responses to the invasion by these organisms; protective and pathogenic immune responses; development of clinical disease; role of chemotherapy development of clinical disease; effects of chemotherapeutic agents; epidemiological discussion of the importance of quantification of the pathology and clinical disease seen in populations.
Effective Summer Semester 2012 Effective Spring Semester 2024

HM 882
PH 882
Public Health Nutrition: Assessment and Development of Population-Based Interventions
Fall of even years. 3(3-0) RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college.
Assessment of nutritional and physical activity on a population level. Identification of at-risk populations. Collection, interpretation and application of data for developing interventions and evaluating behavior change and health outcomes. Role of public health and national nutrition institutions.
Effective Fall Semester 2012 Effective Spring Semester 2024

HM 889
PH 889
Applied Epidemiologic Methods for Public Health Practitioners
Fall of even years. 3(3-0) Interdepartmental with Epidemiology. P: HM 802 and HM 803 P: PH 802 and PH 803 RB: Academic or professional background in public health and/or public health related discipline R: Open to students in the Public Health Major or approval of college.
Identification and conceptualization of public health problems. Generation of testable hypotheses and appropriate data sets. Interpretation of appropriate measures of associations. Evaluation of validity and generalizability of results and ethical issues surrounding the use of humans in epidemiological research. Real case studies are used to analyze study design including the role of chance, bias, misclassification, effect measure modification, interaction, and missing data.
Effective Fall Semester 2012 Effective Spring Semester 2024

HM 891
PH 891
Introduction to Public Health Practicum
Fall of every year. Spring of every year. Summer of every year. 1(1-0) P: HM 801 P: PH 801 RB: Academic or professional background in public health or public health-related discipline, undergraduate level math or statistics course work. R: Approval of college.
Preparatory work for practicum placement. Special projects arranged by an individual student and faculty member in areas supporting practicum placement. Request the use of the Pass-No Grade (P-N) system.
Effective Fall Semester 2012 Effective Spring Semester 2024
HM 892  PH 892  Public Health Applied Practice Experience
Fall of every year. Spring of every year. Summer of every year. 1 to 8 credits. A student may earn a maximum of 8 credits in all enrollments for this course. P: HM 801 and HM 891 P: PH 801 and PH 891 RB: Academic or professional background in public health or public health-related discipline, undergraduate level math or statistics coursework. R: Approval of college.

Request the use of the Pass-No Grade (P-N) system.

Effective Summer Semester 2020 Effective Spring Semester 2024

HM 893  PH 893  Public Health Integrative Learning Experience
Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. P: HM 801 and HM 891 and HM 892 P: PH 801 and PH 891 and PH 892 RB: Academic or professional background in public health and/or public health related discipline, undergraduate level math or statistics coursework. R: Approval of college.

Capstone experience.

Effective Summer Semester 2019 Effective Spring Semester 2024

PROGRAM IN WOMEN, GENDER AND SOCIAL JUSTICE

WS 304  Lesbian, Gay, Bisexual, Transgender, Queer (LGBTQ) and Sexuality Studies
Fall of every year. Spring of every year. 3(3-0) Interdepartmental with Lyman Briggs and Residential College in the Arts and Humanities. R: Not open to freshmen.

Interdisciplinary study of the history, politics, theories, science, cultures, and communities of lesbian, gay, transgender, queer, and intersex people including a global perspective. Global interdisciplinary study of the history, politics, theories, science, cultures, and communities of lesbian, gay, transgender, queer, and intersex people.

SA: WS 204

Effective Summer Semester 2014 Effective Fall Semester 2023