# MICHIGAN STATE UNIVERSITY

### Report of

**THE UNIVERSITY COMMITTEE ON CURRICULUM**

**to the Faculty Senate March 16, 2021**

*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

MICHIGAN STATE UNIVERSITY

University Committee on Curriculum

March 16, 2021

This report is prepared and distributed for the following purposes:

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

Reports of the University Committee on Curriculum to the Faculty Senate are organized as follows: PART I - NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES:

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

PART II - NEW COURSES:1

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

PART III - COURSE CHANGES:1

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

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

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

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

MICHIGAN STATE UNIVERSITY

March 16, 2021

TO: Faculty Senate

FROM: University Committee on Curriculum

SUBJECT: New Academic Programs and Program Changes: New Courses and Course Changes

# PART I - NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

## COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

1. Change the requirements for the **Doctor of Philosophy** degree in **Plant Pathology** in the Department of Plant, Soil and Microbial Sciences. The University Committee on Graduate Studies (UCGS) approved this request at its February 8, 2021 meeting.
   1. Under the heading **Admission** add the following statement at the end of the second paragraph:

Students with deficiencies in their backgrounds will be required to complete collateral courses in addition to the courses that are required for the master's degree. Collateral course work does not count towards the degree requirements.

* 1. Under the heading **Requirements for the Doctor of Philosophy Degree in Plant Pathology**

replace the entire entry with the following:

All doctoral students in plant pathology must meet the requirements specified below:

* + 1. Pass a preliminary examination.
    2. Acquire experience in either (a) teaching, by serving as a teaching assistant in a course or, (b) extension, through the development and delivery of outreach programs or materials, as approved by the guidance committee.
    3. Complete all of the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| PLP | 805 | Principles of Plant Diseases | 3 |
| PLP | 812 | Epidemiology of Plant Diseases | 3 |
| PLP | 847 | Advanced Mycology | 4 |
| or |  |  |  |
| PLB | 402 | Biology of Fungi | 4 |
| PLP | 850 | Physiological Plant Pathology | 3 |
| PLP | 881 | Molecular and Biochemical Plant Pathology | 3 |
| PLP | 884 | Prokaryotic Diseases of Plants | 3 |
| PLP | 885 | Plant Diseases in the Field | 2 |
| PLP | 894 | Seminar in Plant Pathology | 3 |
| PLP | 999 | Doctoral Dissertation Research | 24 |

Students who completed 2 credits of PLP 894 at MSU as a master's student must complete 3 additional credits of PLP 894.

* + 1. Other courses and/or reading knowledge of a foreign language as specified by the guidance committee.
    2. Complete oral and written comprehensive examinations.
    3. Complete a written thesis and present the result publicly at a departmental seminar prior to graduation.
    4. Pass an oral examination in defense of the thesis before the guidance committee which occurs immediately after the public seminar at which the thesis results are presented.

Effective Fall 2021.

# COLLEGE OF ARTS AND LETTERS

1. Change the requirements for the **Bachelor of Arts** degree in **Global Studies in the Arts and Humanities**

in the College of Arts and Letters.

* 1. Under the heading **Requirements for the Bachelor of Arts Degree in Global Studies in the Arts and Humanities** make the following changes:
     1. In item 2., delete paragraph two.
     2. Replace item 3. with the following:
        1. Both of the following courses (6 credits):

GSAH 201 Issues in Global Studies 3

GSAH 450 Global Interdisciplinary Studies (W) 3

* + - 1. Complete at least 9 credits from the following:

|  |  |  |  |
| --- | --- | --- | --- |
| GSAH | 301 | Global Citizenship | 3 |
| GSAH | 310 | Questions of Justice in Global Contexts | 3 |
| GSAH | 311 | Global Perspectives on Borders and Migration | 3 |
| GSAH | 312 | Global Digital Cultures | 3 |
| GSAH | 313 | Violence and Power in Global Contexts | 3 |
| GSAH | 314 | Race, Gender, and Global Identities | 3 |
| GSAH | 315 | Globalization and the Arts | 3 |
| GSAH | 391 | Special Topics in Global Studies | 3 |
| GSAH | 490 | Independent Study | 1 to 4 |

* + - 1. Complete 15 to 18 credits of additional electives from any combination of courses from the following:
         1. GSAH 300-level courses not used to satisfy requirements a. and b.
         2. Language courses beyond the 202-level, or equivalent, or 200-level courses in a third language.
         3. GSAH affiliated courses offered inside the college:

|  |  |  |  |
| --- | --- | --- | --- |
| AAAS | 300 | Survey in Africana Studies | 3 |
| AAAS | 495 | Advanced Research in African American |  |
|  |  | and African Studies | 3 |
| ARB | 460 | Special Topics in Arabic Culture (W) | 3 |
| ARB | 461 | Introduction to Arabic Literature (W) | 3 |
| ASN | 352 | Readings in Asian/Asian, American/Asian |  |
|  |  | Diaspora Literature and Visual |  |
|  |  | Culture | 3 |
| ATD | 426 | History of Dress and Textiles | 3 |
| ATD | 430 | Dress, Culture and Human Behavior | 3 |
| ATD | 431 | Global Context for Sustainable Design | 3 |
| CHS | 360 | Chinese Film Studies | 3 |
| CHS | 366 | Chinese Culture: Tradition and |  |
|  |  | Modernity (W) | 3 |
| CHS | 466 | Modern Chinese Literature and Films (W) | 3 |
| ENG | 326 | Readings in Drama and Performance |  |
|  |  | Studies | 3 |
| ENG | 350 | Readings in African, African-American, |  |
|  |  | and African Diaspora Literature | 3 |
| ENG | 450 | Seminar in African American Literature | 3 |
| ENG | 351 | Readings in Chicano and Latino Literatures | 3 |
| ENG | 355 | Readings in Sexuality and Literature | 3 |
| ENG | 356 | Readings in Jewish Literature | 3 |
| ENG | 360 | Studies in Postcolonial and Diaspora |  |
|  |  | Literature (W) | 3 |
| ENG | 426 | Seminar in Drama or Performance Studies | 3 |
| ENG | 448 | Seminar in Gender and Literature | 3 |
| ENG | 449 | Seminar in Race, Ethnicity, and Literature | 3 |
| ENG | 450 | Seminar in African American Literature | 3 |
| ENG | 452 | Seminar in 20th and 21st Century British |  |
|  |  | Literature | 3 |
| ENG | 460 | Seminar in Global and Postcolonial |  |
|  |  | Literature | 3 |

|  |  |  |  |
| --- | --- | --- | --- |
| ENG | 462 | Seminar in Transatlantic Literature | 3 |
| ENG | 466 | Seminar in Literatures of the Pacific Rim | 3 |
| ENG | 473B | Law and Literature | 3 |
| ENG | 481 | Seminar in Critical and Cultural Theory | 3 |
| ENG | 482 | Seminar in Feminist Literary and Cultural |  |
|  |  | Theory | 3 |
| ENG | 478A | Literature, Technology, Representation | 3 |
| ENG | 478B | Literature and Visual Culture | 3 |
| FLM | 300 | History of Film to Midcentury | 3 |
| FLM | 301 | History of Film after Midcentury | 3 |
| FLM | 311 | Introduction to Documentary Filmmaking | 3 |
| FLM | 350 | National and Transnational Cinemas | 3 |
| FLM | 355 | Studies in Film Genres | 3 |
| FLM | 380 | Classical Film and Media Theory | 3 |
| FLM | 381 | Contemporary Film and Media Theory | 3 |
| FLM | 400 | Seminar in the History of Film | 3 |
| FLM | 450 | Studies in Ethnic Film | 3 |
| FLM | 451 | Studies in Postcolonial Cinema | 3 |
| FLM | 452 | Studies in Film, Gender, and Sexuality | 3 |
| FLM | 455 | Experimental Film and Media | 3 |
| FLM | 460 | Seminar in Digital Film and Emergent |  |
|  |  | Media (W) | 3 |
| FLM | 480 | Seminar in Film and Media Theory (W) | 3 |
| HA | 101 | Western Art from the Paleolithic to |  |
|  |  | Medieval Era | 3 |
| HA | 102 | Western Art from the Renaissance to |  |
|  |  | Contemporary | 3 |
| HA | 260 | Asian Art | 3 |
| HA | 271 | African Art | 3 |
| HA | 461 | Selected Topics in Modern Asian Art | 4 |
| HA | 462 | The Arts of China | 4 |
| HA | 471 | Selected Topics in African Art | 4 |
| JPN | 369 | Introduction to Japanese Literature |  |
|  |  | and Culture | 3 |
| JPN | 469 | Research Seminar in Japanese Literature |  |
|  |  | and Culture (W) | 3 |
| LIN | 225 | Language and Gender | 3 |
| PHL | 342 | Environmental Ethics | 3 |
| PHL | 350 | Introduction to Social and Political |  |
|  |  | Philosophy | 3 |
| PHL | 353 | Core Themes in Peace and Justice Studies | 3 |
| PHL | 354 | Philosophy of Law | 3 |
| PHL | 356 | Philosophical Aspects of Feminism | 4 |
| PHL | 357 | Philosophy of Karl Marx | 3 |
| PHL | 440 | Central Issues in Ethics | 4 |
| PHL | 452 | Ethics and Development | 3 |
| PHL | 454 | Topics in Philosophy of Law | 3 |
| PHL | 456 | Topics in Feminist Philosophy | 4 |
| PHL | 460 | Epistemology | 3 |
| PHL | 461 | Metaphysics | 3 |
| PHL | 462 | Philosophy of Mind | 3 |
| REL | 101 | Exploring Religion | 3 |
| REL | 150 | Introduction to Biblical Literature | 3 |
| REL | 205 | Myth, Self, and Religion | 3 |
| REL | 215 | Music and Religion | 3 |
| REL | 260 | Philosophy of Religion | 3 |
| REL | 275 | Magic and Mysticism: An Introduction |  |
|  |  | to Esoteric Religion | 3 |
| REL | 310 | Judaism | 3 |
| REL | 320 | Christianity | 3 |
| REL | 325 | East Asian Buddhism | 3 |
| REL | 330 | Islam | 3 |
| REL | 335 | East Asian Religions | 3 |
| REL | 355 | Southeast Asian Religions | 3 |

|  |  |  |  |
| --- | --- | --- | --- |
| REL | 360 | African Religion | 3 |
| REL | 411 | Modern Jewish Thought (W) | 3 |
| REL | 480 | Comparative Studies in Religion (W) | 3 |
| STA | 112 | Art and Design: Concepts and Practices | 3 |
| STA | 371 | Art, Education and Society | 3 |
| THR | 304 | Topics in Acting/Directing II | 1 to 6 |
| WRA | 260 | Writing, Rhetoric, Cultures, and Community | 3 |
| WRA | 331 | Writing in the Public Interest (W) | 3 |
| WRA | 415 | Digital Rhetoric | 3 |
| WRA | 441 | Social Justice as Rhetorical Practice | 3 |
| WS | 153 | Introduction to Women Authors | 4 |
| WS | 201 | Introduction to Women's and |  |
|  |  | Gender Studies | 3 |
| WS | 202 | Introduction to Contemporary Feminisms |  |
|  |  | and Gender Theories | 3 |
| WS | 301 | Sexual Violence Against Women and |  |
|  |  | Children: Theory and Response | 3 |
| WS | 312 | African American Women | 3 |
| WS | 353 | Readings in Women Writers | 3 |
| WS | 355 | Readings in Sexuality and Literature | 3 |
| WS | 356 | Philosophical Aspects of Feminism | 3 |
| WS | 403 | Women and Change in Developing |  |
|  |  | Countries | 3 |
| WS | 412 | Women in Modern European History | 3 |
| WS | 413 | Families in Historical Perspective | 3 |
| WS | 425 | Women and Criminal Justice | 3 |
| WS | 448 | Seminar in Gender and Literature | 3 |
| WS | 456 | Topics in Feminist Philosophy | 4 |
| WS | 482 | Seminar in Feminist Literary and |  |
|  |  | Cultural Theory | 3 |
| GSAH affiliated courses offered outside the college: | | | |
| ANP | 321 | Anthropology of Social Movements | 3 |
| ANP | 330 | Race, Ethnicity, and Nation: Anthropological |  |
|  |  | Approaches to Collective Identity | 3 |
| ANP | 410 | Anthropology of Latin America | 3 |
| ANP | 426 | Urban Anthropology | 3 |
| ANP | 436 | Globalization and Justice: Issues in |  |
|  |  | Political and Legal Anthropology | 3 |
| ANP | 439 | Human Rights: Anthropological Perspectives | 3 |
| HST | 310 | African American History to 1876 | 3 |
| HST | 311 | African American History since 1876 | 3 |
| HST | 312 | African American Women | 3 |
| HST | 364 | South Africa: From Shaka Zulu to Mandela | 3 |
| HST | 383 | The Caribbean | 3 |
| HST | 487 | Seminar in Comparative History (W) | 3 |
| JRN | 265 | International Journalism and Media | 3 |
| JRN | 345 | Images and Messages | 3 |
| JRN | 372 | Environment, Science and Health |  |
|  |  | Journalism Special Topics | 3 |
| MC | 324A | Regional Politics, Cooperation, and |  |
|  |  | Conflict in the Middle East | 4 |
| MC | 324B Regional Politics, Cooperation, and Conflict | | |
| MC | 324C Regional Politics, Cooperation, and Conflict | | |
| in Latin America and the Caribbean 4 | | | |
| MC | 324D | Regional Politics, Cooperation, and Conflict |  |
|  |  | in Asia | 4 |
| MC | 337 | Global Public Health | 4 |
| MC | 366 | Film, History, and Nation | 4 |
| MC | 369 | Global Issues and Citizenship (W) | 4 |
| MC | 372 | Comparative Black Political Thought | 4 |
| MC | 377 | Cultural Politics and Post Colonialism | 4 |
| MC | 382 | Social Movements | 4 |
| MC | 383 | African American Politics | 4 |

* + - * 1. (4)

In Sub Saharan Africa 4

|  |  |  |  |
| --- | --- | --- | --- |
| MC | 385 | Comparative Race and Ethnic Relations | 4 |
| MC | 386 | Women and Power in Comparative |  |
|  |  | Perspective | 4 |
| MC | 387 | Jews and Anti-Semitism | 4 |
| MC | 388 | Sexual Politics: Historical and Contemporary |  |
|  |  | Perspectives | 4 |
| MC | 482 | Gender and Violent Conflict | 4 |
| PLS | 304 | Minority Politics | 3 |
| PLS | 351 | African Politics | 3 |
| PLS | 320 | Judicial Politics | 3 |
| PLS | 344 | Politics of Developing Areas | 3 |
| PLS | 363 | International and Domestic Political Conflict | 3 |
| PLS | 364 | Politics of the United Nations and |  |
|  |  | International Organizations | 3 |
| PLS | 422 | Seminar in Political Science (W) | 4 |
| SOC | 310 | Global Migration | 3 |
| SOC | 375 | Urban Sociology | 3 |
| SOC | 331 | Political Sociology | 3 |
| SOC | 452 | Advanced Seminar in Environmental |  |
|  |  | Sociology | 3 |

* + - 1. Complete an approved experiential learning activity, such as the following:
         1. a mentored research project in global studies
         2. a travel program through education abroad or study away
         3. an internship

Effective Fall 2021.

1. Change the requirements for the **Minor** in **Global Studies in the Arts and Humanities** in the College of Arts and Letters.
   1. Under the heading **Requirements for the Minor in Global Studies in the Arts and Humanities**

replace the entire entry with the following:

Students must complete at least 15 credits from the following:

1. The following course (3 credits):

GSAH 201 Issues in Global Studies 3

1. Complete one of the following courses (3 credits):

|  |  |  |  |
| --- | --- | --- | --- |
| GSAH | 301 | Global Citizenship | 3 |
| GSAH | 310 | Questions of Justice in Global Contexts | 3 |
| GSAH | 311 | Global Perspectives on Borders and Migration | 3 |
| GSAH | 312 | Global Digital Cultures | 3 |
| GSAH | 313 | Violence and Power in Global Contexts | 3 |
| GSAH | 314 | Race, Gender, and Global Identities | 3 |
| GSAH | 315 | Globalization and the Arts | 3 |
| GSAH | 391 | Special Topics in Global Studies | 3 |
| GSAH | 450 | Senior Seminar in Global Studies in the Arts and |  |
|  |  | Humanities (W) | 3 |
| GSAH | 490 | Independent Study | 3 |

1. Complete 9 credits of additional electives from any combination of courses from the following:
   1. GSAH 300-level courses not used to satisfy requirement b.
   2. Language courses beyond the 202-level, or equivalent, or 200-level courses in a third language.
   3. GSAH affiliated courses offered inside the college:

|  |  |  |
| --- | --- | --- |
| AAAS 300 | Survey in Africana Studies | 3 |
| AAAS 495 | Advanced Research in African American and |  |
|  | African Studies | 3 |
| ARB 460 | Special Topics in Arabic Culture (W) | 3 |
| ARB 461 | Introduction to Arabic Literature (W) | 3 |

|  |  |  |  |
| --- | --- | --- | --- |
| ASN | 352 | Readings in Asian/Asian, American/Asian Diaspora |  |
|  |  | Literature and Visual Culture | 3 |
| ATD | 426 | History of Dress and Textiles | 3 |
| ATD | 430 | Dress, Culture and Human Behavior | 3 |
| ATD | 431 | Global Context for Sustainable Design | 3 |
| CHS | 360 | Chinese Film Studies | 3 |
| CHS | 366 | Chinese Culture: Tradition and Modernity (W) | 3 |
| CHS | 466 | Modern Chinese Literature and Films (W) | 3 |
| ENG | 326 | Readings in Drama and Performance Studies | 3 |
| ENG | 350 | Readings in African, African-American, and |  |
|  |  | African Diaspora Literature | 3 |
| ENG | 450 | Seminar in African American Literature | 3 |
| ENG | 351 | Readings in Chicano and Latino Literatures | 3 |
| ENG | 355 | Readings in Sexuality and Literature | 3 |
| ENG | 356 | Readings in Jewish Literature | 3 |
| ENG | 360 | Studies in Postcolonial and Diaspora Literature (W) | 3 |
| ENG | 426 | Seminar in Drama or Performance Studies | 3 |
| ENG | 448 | Seminar in Gender and Literature | 3 |
| ENG | 449 | Seminar in Race, Ethnicity, and Literature | 3 |
| ENG | 450 | Seminar in African American Literature | 3 |
| ENG | 452 | Seminar in 20th and 21st Century British Literature | 3 |
| ENG | 460 | Seminar in Global and Postcolonial Literature | 3 |
| ENG | 462 | Seminar in Transatlantic Literature | 3 |
| ENG | 466 | Seminar in Literatures of the Pacific Rim | 3 |
| ENG | 473B | Law and Literature | 3 |
| ENG | 481 | Seminar in Critical and Cultural Theory | 3 |
| ENG | 482 | Seminar in Feminist Literary and Cultural Theory | 3 |
| ENG | 478A | Literature, Technology, Representation | 3 |
| ENG | 478B | Literature and Visual Culture | 3 |
| FLM | 300 | History of Film to Midcentury | 3 |
| FLM | 301 | History of Film after Midcentury | 3 |
| FLM | 311 | Introduction to Documentary Filmmaking | 3 |
| FLM | 350 | National and Transnational Cinemas | 3 |
| FLM | 355 | Studies in Film Genres | 3 |
| FLM | 380 | Classical Film and Media Theory | 3 |
| FLM | 381 | Contemporary Film and Media Theory | 3 |
| FLM | 400 | Seminar in the History of Film | 3 |
| FLM | 450 | Studies in Ethnic Film | 3 |
| FLM | 451 | Studies in Postcolonial Cinema | 3 |
| FLM | 452 | Studies in Film, Gender, and Sexuality | 3 |
| FLM | 455 | Experimental Film and Media | 3 |
| FLM | 460 | Seminar in Digital Film and Emergent Media (W) | 3 |
| FLM | 480 | Seminar in Film and Media Theory (W) | 3 |
| HA | 101 | Western Art from the Paleolithic to Medieval Era | 3 |
| HA | 102 | Western Art from the Renaissance to Contemporary | 3 |
| HA | 260 | Asian Art | 3 |
| HA | 271 | African Art | 3 |
| HA | 461 | Selected Topics in Modern Asian Art | 4 |
| HA | 462 | The Arts of China | 4 |
| HA | 471 | Selected Topics in African Art | 4 |
| JPN | 369 | Introduction to Japanese Literature and Culture | 3 |
| JPN | 469 | Research Seminar in Japanese Literature and |  |
|  |  | Culture (W) | 3 |
| LIN | 225 | Language and Gender | 3 |
| PHL | 342 | Environmental Ethics | 3 |
| PHL | 350 | Introduction to Social and Political Philosophy | 3 |
| PHL | 353 | Core Themes in Peace and Justice Studies | 3 |
| PHL | 354 | Philosophy of Law | 3 |
| PHL | 356 | Philosophical Aspects of Feminism | 4 |
| PHL | 357 | Philosophy of Karl Marx | 3 |
| PHL | 440 | Central Issues in Ethics | 4 |
| PHL | 452 | Ethics and Development | 3 |
| PHL | 454 | Topics in Philosophy of Law | 3 |
| PHL | 456 | Topics in Feminist Philosophy | 4 |

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| --- | --- | --- | --- |
| PHL | 460 | Epistemology | 3 |
| PHL | 461 | Metaphysics | 3 |
| PHL | 462 | Philosophy of Mind | 3 |
| REL | 101 | Exploring Religion | 3 |
| REL | 150 | Introduction to Biblical Literature | 3 |
| REL | 205 | Myth, Self, and Religion | 3 |
| REL | 215 | Music and Religion | 3 |
| REL | 260 | Philosophy of Religion | 3 |
| REL | 275 | Magic and Mysticism: An Introduction to Esoteric |  |
|  |  | Religion | 3 |
| REL | 310 | Judaism | 3 |
| REL | 320 | Christianity | 3 |
| REL | 325 | East Asian Buddhism | 3 |
| REL | 330 | Islam | 3 |
| REL | 335 | East Asian Religions | 3 |
| REL | 355 | Southeast Asian Religions | 3 |
| REL | 360 | African Religion | 3 |
| REL | 411 | Modern Jewish Thought (W) | 3 |
| REL | 480 | Comparative Studies in Religion (W) | 3 |
| STA | 112 | Art and Design: Concepts and Practices | 3 |
| STA | 371 | Art, Education and Society | 3 |
| THR | 304 | Topics in Acting/Directing II | 1 to 6 |
| WRA | 260 | Writing, Rhetoric, Cultures, and Community | 3 |
| WRA | 331 | Writing in the Public Interest (W) | 3 |
| WRA | 415 | Digital Rhetoric | 3 |
| WRA | 441 | Social Justice as Rhetorical Practice | 3 |
| WS | 153 | Introduction to Women Authors | 4 |
| WS | 201 | Introduction to Women's and Gender Studies | 3 |
| WS | 202 | Introduction to Contemporary Feminisms and |  |
|  |  | Gender Theories | 3 |
| WS | 301 | Sexual Violence Against Women and Children: |  |
|  |  | Theory and Response | 3 |
| WS | 312 | African American Women | 3 |
| WS | 353 | Readings in Women Writers | 3 |
| WS | 355 | Readings in Sexuality and Literature | 3 |
| WS | 356 | Philosophical Aspects of Feminism | 3 |
| WS | 403 | Women and Change in Developing Countries | 3 |
| WS | 404 | Women and the Law in the United States | 3 |
| WS | 412 | Women in Modern European History | 3 |
| WS | 413 | Families in Historical Perspective | 3 |
| WS | 425 | Women and Criminal Justice | 3 |
| WS | 448 | Seminar in Gender and Literature | 3 |
| WS | 456 | Topics in Feminist Philosophy | 4 |
| WS | 482 | Seminar in Feminist Literary and Cultural Theory | 3 |
| GSAH affiliated courses offered outside the college: | | | |
| ANP | 321 | Anthropology of Social Movements | 3 |
| ANP | 330 | Race, Ethnicity, and Nation: Anthropological |  |
|  |  | Approaches to Collective Identity | 3 |
| ANP | 410 | Anthropology of Latin America | 3 |
| ANP | 426 | Urban Anthropology | 3 |
| ANP | 436 | Globalization and Justice: Issues in Political |  |
|  |  | and Legal Anthropology | 3 |
| ANP | 439 | Human Rights: Anthropological Perspectives | 3 |
| HST | 310 | African American History to 1876 | 3 |
| HST | 311 | African American History since 1876 | 3 |
| HST | 312 | African American Women | 3 |
| HST | 364 | South Africa: From Shaka Zulu to Mandela | 3 |
| HST | 383 | The Caribbean | 3 |
| HST | 487 | Seminar in Comparative History (W) | 3 |
| JRN | 265 | International Journalism and Media | 3 |
| JRN | 345 | Images and Messages | 3 |
| JRN | 372 | Environment, Science and Health Journalism |  |
|  |  | Special Topics | 3 |

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| --- | --- | --- | --- |
| MC | 324A | Regional Politics, Cooperation, and Conflict in |  |
|  |  | the Middle East | 4 |
| MC | 324B | Regional Politics, Cooperation, and Conflict in |  |
|  |  | Sub Saharan Africa | 4 |
| MC | 324C | Regional Politics, Cooperation, and Conflict in Latin |  |
|  |  | America and the Caribbean | 4 |
| MC | 324D | Regional Politics, Cooperation, and Conflict in Asia | 4 |
| MC | 337 | Global Public Health | 4 |
| MC | 369 | Global Issues and Citizenship (W) | 4 |
| MC | 372 | Comparative Black Political Thought | 4 |
| MC | 377 | Cultural Politics and Post Colonialism | 4 |
| MC | 382 | Social Movements | 4 |
| MC | 383 | African American Politics | 4 |
| MC | 385 | Comparative Race and Ethnic Relations | 4 |
| MC | 386 | Women and Power in Comparative Perspective | 4 |
| MC | 387 | Jews and Anti-Semitism | 4 |
| MC | 388 | Sexual Politics: Historical and Contemporary |  |
|  |  | Perspectives | 4 |
| MC | 482 | Gender and Violent Conflict | 4 |
| PLS | 304 | Minority Politics | 3 |
| PLS | 320 | Judicial Politics | 3 |
| PLS | 344 | Politics of Developing Areas | 3 |
| PLS | 351 | African Politics | 3 |
| PLS | 363 | International and Domestic Political Conflict | 3 |
| PLS | 364 | Politics of the United Nations and International |  |
|  |  | Organizations | 3 |
| PLS | 422 | Seminar in Political Science (W) | 4 |
| SOC | 331 | Political Sociology | 3 |
| SOC | 375 | Urban Sociology | 3 |
| SOC | 452 | Advanced Seminar in Environmental Sociology | 3 |

* 1. Special Topics courses offered by other programs with significant global studies content, as approved by the GSAH program director or the GSAH undergraduate

advisor.

Effective Fall 2021.

1. Establish a **Bachelor of Arts** degree in **African American and African Studies** in the Department of African American and African Studies. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at their January 7, 2021 meeting.

*The concentrations in the Bachelor of Arts degree in African American and African Studies will be noted on the student’s academic record when the requirements for the degree have been completed.*

### Background Information:

African American and African Studies (AAAS) at MSU was initially founded as a Ph.D. granting program in 2002 as a unit committed to making concrete connections between faculty scholarship, pedagogy, and social justice causes. An undergraduate minor was created in 2014 to extend the Black Studies experience to an increasing interested undergraduate population.

With the support of the College of Arts and Letters, some of the AAAS faculty used the “stay” on the graduate program implemented by the college in 2015 to transition from a program to a department. The program received an external review that uncovered troubling trends in the AAAS program structure. As a result of being a graduate program with no dedicated faculty, some of those trends included: structural inequities that led to underserved students, 2) overworked junior faculty, and 3) an overreliance on a kind of faculty volunteerism that was unevenly successful and predictably unstable.

In addition, a burgeoning interest in diversity, equity, and inclusion helped to clarify that the structural challenges of the AAAS program had farther-reaching implications. In the 21st century United States academy, our populations will grow more diverse, not less. There are, at least, 17

Ph.D. granting institutions in Black Studies across the United States. Top-tier research universities tend to have departments in African American and African Studies that are both graduate and undergraduate degree-granting units. At this point, the number of Black Studies departments offering undergraduate degrees continues to expand in order to meet the needs of diverse students and their demands for the 21st century academy.

For these reasons, and many more, the AAAS program became a department on July 1, 2019.

The new Department of African American and African Studies embraces diverse scholarly approaches to research, teaching, and civic engagement required for comprehensive study within the larger Black Studies discipline. AAAS is ready to offer an undergraduate major that reflects the goals, aspirations, and specializations of the new department and faculty. It is the intention of AAAS to remain in good relations with individual faculty, centers, and colleges who supported the AAAS program, appreciate the new vision of the department, and practice reciprocal interdependence.

African American and African Studies is essential to the mission of diversity, equity and inclusion at Michigan State University. It is also integrally connected to the core values, strategic priorities and initiatives of the College of Arts and Letters, specifically interdisciplinary, critical diversity, inclusion, and community engagement.

An undergraduate major is the only degree that the program did not previously offer but we believe is absolutely critical to the new build of AAAS. The major will serve students to broaden their appreciation of the value of differences as we continue to identify and address historical and intentional exclusion of racially and ethnically diverse peoples, especially Black peoples. Given demographic and principled changes in the way we constitute higher education, all MSU students need and deserve stronger educational exposure to the reality of Black people’s presence and contributions to the development of economics, politics, values, and cultural expressions. An African American and African Studies department, with undergraduate major degree-granting authority, can contribute greatly toward this end while also carrying out MSU’s core values of quality, connectivity, and inclusivity.

For the AAAS department to serve the university, we must have the capacity to generate a robust learning community that will enhance both graduate and undergraduate experiences at MSU. An undergraduate major in AAAS, which our students have been asking for, is warranted and long overdue.

In becoming a department, the major is a source of curricular alignment. Without a major, the department would risk producing some of the same problems of the AAAS program. More importantly, undergraduate students were often underserved by a lack of curricular symmetry between the graduate degrees and the undergraduate minor. The move to a department was to directly address how AAAS students were underserved by the previous structure. Therefore, the creation of a new AAAS undergraduate major is a continuation of the goal to meet the needs of MSU students.

### Academic Programs Catalog Text:

The Bachelor of Arts degree in African American and African Studies offers students the opportunity to engage and explore the lives, worlds, and cultural practices of Black peoples. Students are encouraged to study and appreciate the complexity of Black communities as well as the particularities of Blackness as it is lived, imagined, and created. Students are also directed to the promise and possibilities of collaborative, interdisciplinary work and research.

Multiple elements define the course of study for the major, including interconnected, required courses exploring Black Feminisms, Genders, and Sexualities Studies, as well as encouragement of diverse understandings and approaches to knowledge production with and about Black peoples. The degree program offers three concentrations: Communities in Action, Creative Expression, Culture and Performance, and Black Institutions, Sustainability, and Statecraft.

### Requirements for the Bachelor of Arts Degree in African American and African Studies

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

The University's Tier II writing requirement for the African American and African Studies major is met by completing African American and African Studies 495. That course is referenced in item 3. below.

* + 1. The requirements of the College of Arts and Letters for the Bachelor of Arts degree.
    2. The following requirements for the major:

CREDITS

* + - 1. All of the following courses (12 credits):

|  |  |  |  |
| --- | --- | --- | --- |
| AAAS | 100 | Pathways in AAAS | 3 |
| AAAS | 200 | Black Feminisms: Past, Present |  |
|  |  | and Futures | 3 |
| AAAS | 201 | Black Sexualities Studies: Past, |  |
|  |  | Present and Futures | 3 |
| AAAS | 202 | Black Genders Studies: Past, |  |
|  |  | Present and Futures | 3 |

* + - 1. Complete 3 courses from one of the following concentrations (9 credits):

#### *Communities in Action*

|  |  |  |  |
| --- | --- | --- | --- |
| AAAS | 300 | Communities in Action | 3 |
| AAAS | 303 | Black Girlhood Studies | 3 |
| AAAS | 306 | Black Language and Literacy | 3 |
| AAAS | 401 | Social Media and New Journalism | 3 |
| AAAS | 404 | Black Ecologies and Environmental Justice | 3 |
| ***Creative Expression, Culture, and Performance*** | | | |
| AAAS | 301 | Creative Expression, Culture, and |  |
|  |  | Performance | 3 |
| AAAS | 304 | Afrofuturism | 3 |
| AAAS | 307 | Creative Expression as Craft | 3 |
| AAAS | 402 | Producing Culture | 3 |
| AAAS | 405 | Black Entrepreneurship and Hustle | 3 |
| ***Black Institutions, Sustainability, and Statecraft*** | | | |
| AAAS | 302 | Black Institutions, Sustainability, and |  |
|  |  | Statecraft | 3 |
| AAAS | 305 | Black People and Land | 3 |
| AAAS | 308 | Black Spirituality and Religion | 3 |
| AAAS | 403 | Institutions and Oppression | 3 |
| AAAS | 406 | Pedagogies of Protests | 3 |

* + - 1. Complete 4 elective courses in 300-400 level AAAS courses as approved by the undergraduate advisor (12 credits).
      2. The following course (3 credits):

AAAS 495 Writing for Our Lives (W) 3

Effective Fall 2021.

* + 1. Change the administrative responsibility of the **Minor in African American and African Studies** in the College of Arts and Letters to the Department of African American and African Studies.
    2. Change the requirements for the **Minor in African American and African Studies** in the Department of African American and African Studies.
       1. Under the heading **Requirements for the Minor in African American and African Studies**

replace the entire entry with the following:

Students must complete 15 credits from one of the following tracks:

#### *Social Science Track*

* + - * 1. The following course (3 credits):

AAAS 100 Pathways into AAAS 3

* + - * 1. Two of the following courses (6 credits):

AAAS 200 Black Feminisms: Past, Present and Futures 3

AAAS 201 Black Sexualities Studies: Past, Present and Futures 3

AAAS 202 Black Genders Studies: Past, Present and Futures 3

* + - * 1. Two of the following courses with at least 3 credits at the 300-400 level (6 credits):

|  |  |  |  |
| --- | --- | --- | --- |
| ANP | 330 | Race, Ethnicity, and Nation: Anthropological |  |
|  |  | Approaches to Collective Identity | 3 |
| HDFS | 442 | Ethnic Families in America | 3 |
| HST | 208 | Introduction to African History, Culture and Society | 4 |
| HST | 310 | African American History to 1876 | 3 |
| HST | 311 | African American History since 1876 | 3 |
| HST | 312 | African American Women | 3 |
| HST | 364 | South Africa: From Shaka Zulu to Mandela | 3 |
| HST | 383 | The Caribbean | 3 |
| PLS | 304 | Minority Politics | 3 |
| PLS | 351 | African Politics | 3 |
| SOC | 214 | Social Inequality | 3 |
| SOC | 375 | Urban Sociology | 3 |

#### *Humanities Track*

The following course (3 credits):

AAAS 100 Pathways in AAAS 3

Two of the following courses (6 credits):

|  |  |  |  |
| --- | --- | --- | --- |
| AAAS | 200 | Black Feminisms: Past, Present and Futures | 3 |
| AAAS | 201 | Black Sexualities Studies: Past, Present and |  |
|  |  | Futures | 3 |
| AAAS | 202 | Black Genders Studies: Past, Present and Futures | 3 |

Complete a minimum of 6 credits of 300-400 level courses in AAAS.

Effective Fall 2021.

* + 1. Change the administrative responsibility of the **Master of Arts** degree in **African American and African Studies** from the College of Arts and Letters to the Department of African American and African Studies.
    2. Change the requirements for the **Master of Arts** degree in **African American and African Studies** in the Department of African American and African Studies. The University Committee on Graduate Studies (UCGS) approved this request at its January 11, 2021 meeting.
       1. Under the heading **Admission** replace the entire entry with the following: To be considered for admission, an applicant must:
          1. Submit a resume or curriculum vitae (CV).
          2. Submit a personal statement and an academic purpose stating personal and professional goals, disciplinary interests in AAAS, and desired concentration of study.
          3. Submit two copies of official transcripts demonstrating an earned Bachelor’s degree in an area of study appropriate for advanced work in AAAS.
          4. Submit three letters of recommendation from persons acquainted with your course work, professional experience, and community works using the University’s Letter of Recommendation Form for Admission.

In addition to meeting the requirements of the university and the College of Arts and Letters, students must meet the requirements specified below.

* + - 1. Under the heading **Requirements for the Master of Arts Degree in African American and African Studies** replace the entire entry with the following:

The program is available under Plan A (with thesis) and Plan B (without thesis). A total

of 33 credits is required. With the approval of the student’s advisor, the student must choose an area of concentration. The student must:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Complete both of | the following courses (6 credits): |  |
|  | AAAS 833 | Black Worlds: Historical and Contemporary Issues | 3 |
|  | AAAS 834 | Black Worlds: Theories and Methodologies | 3 |

1. Complete 9 credits in the tutorial suite courses. Students must take 4 credits in one tutorial course. The maximum amount of credits allowed in any one tutorial course is 6 credits.

AAAS 840 Black Girlhood Studies 1 to 3

AAAS 850 Black Cultures and Institutions 1 to 3

AAAS 860 Black Speculative Ecologies 1 to 3

1. Complete 9 elective credits from the following. At least 3 credits must be at the 800-level.

|  |  |  |  |
| --- | --- | --- | --- |
| AAAS | 821 | Collaboration, Research and Methodologies | 3 |
| AAAS | 841 | Seminar in Black Feminist Studies | 3 |
| AAAS | 861 | Seminar in Black Sexualities Studies | 3 |
| AAAS | 871 | Seminar in Black Genders Studies | 3 |
| AAAS | 891 | Special Topics in African American and |  |
|  |  | African Studies | 3 |
| AAAS | 893A | Pedagogical Project | 3 |
| AAAS | 893C | Community Engagement Project | 3 |

Other AAAS 400 level or higher courses relevant to AAAS as approved by an academic advisor

1. Complete the following Professional Development requirements (3 credits):

AAAS 895 Professional Development 2

AAAS 897 Colloquium 1

#### *Additional Requirements for Plan A:*

* 1. Both of the following courses (6 credits):

|  |  |  |  |
| --- | --- | --- | --- |
| AAAS | 892 | Master’s Thesis Planning | 2 |
| AAAS | 899 | Master’s Thesis Research | 4 |

#### *Additional Requirements for Plan B:*

1. Both of the following courses:

AAAS 894 Master’s Project Planning 2

AAAS 898 Master’s Capstone Project 4

Effective Fall 2021.

* + 1. Change the administrative responsibility of the **Doctor of Philosophy** degree in **African American and African Studies** from the College of Arts and Letters to the Department of African American and African Studies.
    2. Change the requirements for the **Doctor of Philosophy** degree in **African American and African Studies** in the Department of African American and African Studies. The University Committee on Graduate Studies (UCGS) approved this request at its January 11, 2021 meeting.
       1. Under the heading **Admission** replace the entire entry with the following:

To be considered for admission to the Doctor of Philosophy degree in African American and African Studies, an applicant must:

* + - * 1. Submit a personal statement, written or audio.
        2. Submit a written statement of academic purpose stating professional goals and disciplinary interests in AAAS.
        3. Submit a writing sample, usually a recent research paper, or sample of creative work, to the Department of African American and African Studies in the College of Arts and Letters.

To be admitted, the applicant must have a master’s degree in an appropriate field or have completed at least 30 credits of approved course work beyond the bachelor’s degree.

* + - 1. Under the heading **Requirements for the Doctor of Philosophy Degree in African American and African Studies** replace the entire entry with the following:

In addition to meeting the requirements of the University and the College of Arts and Letters, students must complete 24 credits of AAAS 999 Doctoral Dissertation Research and the approved course of study as approved by the student's guidance committee. Students will submit a dissertation proposal to the guidance committee and pass an oral examination in defense of the proposal. Students must successfully defend the doctoral dissertation.

Effective Fall 2021.

* + 1. Change the requirements for the **Minor in Fiction Filmmaking** in the Department of English.
       1. Under the heading ***Prerequisite Courses*** replace the entry with the following:
          1. The following course:

FLM 230 Introduction to Film 4

* + - * 1. One of the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| CAS | 112 | Story, Sound and Motion | 3 |
| FLM | 260 | Introduction to Digital Film and Emergent Media | 4 |

* + - 1. Under the heading **Minor in Fiction Filmmaking** make the following changes:

(1) In item 3. delete the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| FLM | 260 | Introduction to Digital Film and Emergent Media | 4 |
| MI | 341 | Filmmaking II | 3 |
| MI | 344 | Sound Design for Cinema, Television, and Games | 3 |
| MI | 351 | Producing for Cinema and Television | 3 |
| MI | 440 | Advanced Video Editing | 3 |
| MI | 441 | Advanced Lighting and Camera Techniques | 3 |

Add the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| DS | 341 | Filmmaking II: Creating Short Films | 3 |
| DS | 344 | Sound Design for Cinema, Television, and Games | 3 |
| DS | 351 | Producing for Cinema and Television | 3 |
| DS | 409 | Advanced Lighting and Camera Techniques | 3 |
| DS | 440 | Advanced Video Editing | 3 |

Effective Fall 2021.

* + 1. Change the requirements for the **Minor in Cognitive Science** in the Department of Linguistics and Germanic, Slavic, Asian and African Languages.
       1. Under the heading **Requirements for the Minor in Cognitive Science** make the following changes:

1. In item 2. delete the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| CSE | 484 | Information Retrieval | 3 |
| IBIO | 403 | Integrative Neurobiology | 3 |
| IBIO | 413 | Laboratory in Behavioral Neuroscience (W) | 4 |
| PHL | 360 | Philosophy of Language | 3 |
| PSY | 402 | Sensation and Perception (W) | 3 |

Add the following courses:

CSD 364 Evaluation Procedures in Speech-Language

Pathology 3

|  |  |  |  |
| --- | --- | --- | --- |
| CSE | 404 | Introduction to Machine Learning | 3 |
| LIN | 226 | Language and the Animals | 3 |
| LIN | 427 | Laboratory Phonetics | 3 |
| PHL | 361 | Knowledge and Reality | 3 |
| PSY | 302 | Sensation and Perception | 3 |
| PSY | 413 | Laboratory in Behavioral Neuroscience (W) | 4 |

1. Replace item 3. with the following:

Complete at least 9 additional credits in course work from at least two additional areas as approved for by the advisor for the minor. If you are taking the minor to fulfill the College of Social Science minor requirement,

you must take PSY 302 or 401 or 410 as the capstone and at least one additional course from Psychology.

Effective Fall 2021.

* + 1. Change the requirements in the **Master of Arts** degree in **Linguistics** in the Department of Linguistics and Germanic, Slavic, Asian and African Languages. The University Committee on Graduate Studies (UCGS) approved this request at its February 8, 2021 meeting.
       1. Under the heading **Requirements for the Master of Arts Degree in Linguistics** replace the entire entry with the following:

The program is available under both Plan A(with thesis) and Plan B (without thesis). A total of 30 credits is required for the degree under either Plan A or Plan B. The student's program of study must be approved by the student's academic advisor. The student

must meet the requirements specified below:

### Requirements for the Master of Arts Degree in Linguistics

* + - * 1. Complete all of the following courses with a grade of at least

3.0 in each course (12 credits):

CREDITS

2.

|  |  |  |  |
| --- | --- | --- | --- |
| LIN | 824 | Phonological Theory I | 3 |
| LIN | 827 | Phonetics I | 3 |
| LIN | 834 | Syntactic Theory I | 3 |
| LIN | 837 | Semantics and Pragmatics I | 3 |
| Complete two of the following courses, one of which must be LIN 825 or 835 (6 credits): | | | |
| LIN | 825 | Phonological Theory II | 3 |
| LIN | 828 | Phonetics II | 3 |
| LIN | 835 | Syntactic Theory II | 3 |
| LIN | 838 | Semantics and Pragmatics II | 3 |

An 800-level 3-credit Linguistics seminar or independent study in syntax, phonology, phonetics, semantics or pragmatics may be substituted for

one course above.

3. Complete one additional 3-credit linguistics course excluding LIN 890 that is not a course in phonetics, phonology, syntax, or semantics/pragmatics. Additional courses may be required by the student's guidance committee.

#### *Additional Requirements for Plan A*

1. Complete 4 credits of LIN 899 Master’s Thesis Research. No more than 4 credits of LIN 899 may be counted toward the degree.
2. Complete 5 additional credits in courses approved by the student’s academic advisor.
3. Pass an oral examination in defense of the thesis.

#### *Additional Requirements for Plan B*

1. Complete 9 additional credits in courses approved by the student’s academic advisor.
2. Pass a written final certifying examination in an area of linguistics.

Effective Fall 2021.

* + 1. Change the requirements in the **Doctor of Philosophy** degree in **Linguistics** in the Department of Linguistics and Germanic, Slavic, Asian and African Languages. The University Committee on Graduate Studies (UCGS) approved this request at its February 8, 2021 meeting.
       1. Under the heading **Requirements for the Doctor of Philosophy Degree in Linguistics** replace the entire entry with the following:

The student must:

* + - * 1. Complete all of the following courses (12 credits). Any of the following courses or their equivalents may have been completed prior to enrolling in the Doctor of Philosophy

|  |  |  |  |
| --- | --- | --- | --- |
| degree program in Linguistics.  CREDITS | | | |
| LIN | 824 | Phonological Theory I | 3 |
| LIN | 827 | Phonetics I | 3 |
| LIN | 834 | Syntactic Theory I | 3 |
| LIN | 837 | Semantics and Pragmatics I | 3 |
| Complete two of the following courses, one of which must be LIN 825 or 835 (6 credits): | | | |
| LIN | 825 | Phonological Theory II | 3 |
| LIN | 828 | Phonetics II | 3 |
| LIN | 835 | Syntactic Theory II | 3 |
| LIN | 838 | Semantics and Pragmatics II | 3 |

2.

An 800-level 3-credit Linguistics seminar or independent study in syntax, phonology, phonetics, semantics or pragmatics may be substituted for

one course above.

1. Complete two additional course excluding LIN 890, at least one of which must be a linguistics course and which must not be a course in phonetics, phonology, syntax, or semantics/pragmatics. Additional courses may be required by the student's guidance committee.
2. Pass the comprehensive examination by submitting two research papers of a quality consonant with a presentation at a peer-reviewed conference in the subfield in two different areas of linguistics and passing an oral examination for each paper. At least one of the papers must be in phonetics, phonology, syntax, semantics, or pragmatics.
   * + 1. Under the heading **Academic Standards**, replace item 2. with the following:
          1. Not accumulate more than 6 credits with a grade below 3.0 in LIN courses.

Effective Fall 2021.

* + 1. Change the requirements for the **Minor** in **Philosophy** in the Department of Philosophy.
       1. Under the heading **Requirements for the Minor in Philosophy** make the following changes:

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

PHL 101 Introduction to Philosophy 3

Add the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| PHL | 212 | Latin American Philosophy | 3 |
| PHL | 213 | Africana Philosophy | 3 |
| PHL | 214 | Indigenous Philosophy | 3 |

Effective Fall 2021.

* + 1. Change the requirements for the **Minor** in **Philosophy and Law** in the Department of Philosophy.
       1. Under the heading **Requirements for the Minor in Philosophy and Law** make the following change:

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

PHL 351 African Philosophy 3

Add the following course:

PHL 315 African Philosophy 3

1. Change the credits of item 5. from ‘4 to 8’ to ‘3 to 6’.

Effective Fall 2021.

* + 1. Change the requirements for the **Bachelor of Fine Arts** degree in **Studio Art** in the Department of Art, Art History, and Design.
       1. Under the heading **Requirements for the Bachelor of Fine Arts Degree in Studio Art** make the following changes:

1. In item 3. a. (3) *Studio Art Senior Project courses and internships*, add Electronic Art and Intermedia: Studio Art 480S.
2. In item 3. a. (3) *Studio Art Senior Project courses and internships*, add Photography: Studio Art 476S.

Effective Fall 2021.

* + 1. Change the requirements for the **Master of Fine Arts** degree in **Theatre** in the Department of Theatre. The University Committee on Graduate Studies (UCGS) approved this request at its February 8, 2021 meeting.
       1. Under the heading **Requirements for the Master of Fine Arts Degree in Theatre** make the following changes:

1. Under the **Acting** concentration delete the following course:

THR 894 Special Projects in Theatre 10

Add the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| THR | 841 | Advanced Directing Practices | 3 |
| THR | 894 | Special Projects in Theatre | 7 |

1. Under the **Design** concentration make the following changes in item (1):
   1. Delete the following course:

THR 819 Applied Design Studio 1

* 1. Change the total credits in item (1) from ‘40’ to ‘39’.
  2. Reletter item (3) to item (4).
  3. Add the following item (3):

One of the following courses (1 credit):

THR 819 Applied Design Studio 1

THR 819A Applied Design Studio: Scenery 1

THR 819B Applied Design Studio: Costume 1

THR 819C Applied Design Studio: Lighting 1

THR 819D Applied Design Studio: Sound 1

THR 819E Applied Design Studio: Media 1

Effective Fall 2021.

* + 1. Change the requirements for the **Bachelor of Arts** degree in **Women’s and Gender Studies** in the Program in Women, Gender and Social Justice.
       1. Under the heading **Requirements for the Bachelor of Arts Degree in Women’s and Gender Studies** make the following changes:

1. In item 3. b. delete the following course:

HST 421 Women and Gender in Africa 3

1. In item 3. c. under *Gender, Race, Ethnicity, and History* add the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| WS | 102 | Navigating Sex and Gender in Everyday Life | 2 |
| WS | 307 | Women of Color Feminisms | 3 |

1. In item 3. c. under *Sexuality and Conflict/Violence* delete the following course:

SOC 215 Race and Ethnicity 3

Add the following course:

WS 351 Gendered Violence and Intersections of Power 3

1. In item 3. c. under *Gender and the Arts and Humanities* add the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| WS | 102 | Navigating Sex and Gender in Everyday Life | 2 |
| WS | 307 | Women of Color Feminisms | 3 |

1. In item 3. c. under *Gender Applied: Health, Urban, and Public Policy* add the following course:

PLS 304 Minority Politics 3

Effective Fall 2021.

* + 1. Change the requirements for the **Minor** in **Lesbian, Gay, Bisexual, Transgender, Queer and Sexuality Studies** in the Program in Women, Gender and Social Justice.
       1. Under the heading **Requirements for the Specialization in Lesbian, Gay, Bisexual, Transgender, Queer and Sexuality Studies** make the following changes:

1. In item 2., add the following course:

WS 102 Navigating Sex and Gender in Everyday Life 2

1. In item 3., add the following course:

THR 336 Sex, Sexuality, and Theatre 3

1. Under the option available to Social Science majors make the following change:
   1. In item 3. delete the following course:

NEU 215 Neuroscience and Society 3

Effective Fall 2021.

**ELI BROAD COLLEGE OF BUSINESS**

1. Change the requirements for the **Bachelor of Arts** degree in **Supply Chain Management** in the Department of Supply Chain Management.
   1. Under the heading **Requirements for the Bachelor of Arts Degree in Supply Chain Management** make the following changes:
      1. In item 3. a. (1), change the total credits from ‘9’ to ‘12’ and add the following course: SCM 475 Data Analytics in Supply Chain Management 3

Effective Fall 2021.

## COLLEGE OF COMMUNICATION ARTS AND SCIENCES

1. Change the requirements for the **Bachelor of Arts** degree in **Public Relations** in the Department of Advertising and Public Relations.
   1. Under the heading **Admission**, in paragraph two, item 2., change Advertising 225 and 260 to Public Relations 225 and 260.
   2. Under the heading **Requirements for the Bachelor of Arts Degree in Public Relations** in item 3.

b. change ‘ADV 225 and 260’ to ‘PR 225 and 260’.

Effective Fall 2021.

1. Change the requirements for the **Minor** in **Public Relations** in the Department of Advertising and Public Relations.
   1. Under the heading **Admission**, in paragraph three, change Advertising 225 and 260 to Public Relations 225 and 260.

Effective Fall 2021.

## COLLEGE OF EDUCATION

1. Change the requirements for the **Graduate Certificate in K12 Computer Science Education** in the Department of Counseling, Educational Psychology, and Special Education. The University Committee on Graduate Studies (UCGS) approved this request at its February 8, 2021 meeting.
   1. Under the heading **Admission** replace the statement with the following:

To be considered for admission into the Graduate Certificate in K12 Computer Science Education, applicants must have completed a bachelor’s degree.

Effective Fall 2021.

## COLLEGE OF ENGINEERING

1. Change the requirements in the **Master of Science** degree in **Mechanical Engineering** in the Department of Mechanical Engineering. The University Committee on Graduate Studies (UCGS) approved this request at its February 8, 2021 meeting.
   1. Under the heading **Requirements for the Master of Science Degree in Mechanical Engineering**

replace the entire entry with the following:

The student must complete a total of 30 credits for the degree under either Plan A (with thesis) or Plan B (without thesis) and meet the requirements specified below. A maximum of 9 credits may be at the 400-level. A maximum of 4 credits may be taken from ME 490 and ME 990 combined.

### Requirements for Both Plan A and Plan B

The student must:

* + 1. Complete one course from each of the following areas:

### Fluid-Thermal Science and Engineering

|  |  |  |  |
| --- | --- | --- | --- |
| ME | 810 | Advanced Classical Thermodynamics | 3 |
| ME | 812 | Conductive Heat Transfer | 3 |
| ME | 814 | Convective Heat Transfer | 3 |
| ME | 819 | Combustion | 3 |
| ME | 830 | Fluid Mechanics I | 3 |
| ME | 840 | Computational Fluid Dynamics and Heat Transfer | 3 |
| ME | 842 | Advanced Turbomachinery | 3 |
| ME | 872 | Finite Element Method | 3 |
| **Dynamic Systems and Control** | | | |
| ECE | 851 | Linear Systems and Control | 3 |
| ME | 860 | Theory of Vibrations | 3 |
| ME | 861 | Advanced Dynamics | 3 |
| ME | 891 | Selected Topics in Mechanical Engineering | 1 to 4 |

The topic for ME 891 must be approved by the student’s guidance committee.

### Solid Mechanics, Design, and Manufacturing and Biomechanics

|  |  |  |  |
| --- | --- | --- | --- |
| ME | 820 | Continuum Mechanics | 3 |
| ME | 821 | Linear Elasticity | 3 |
| ME | 826 | Laminated Composite Materials | 3 |
| ME | 872 | Finite Element Method | 3 |
| ME | 891 | Selected Topics in Mechanical Engineering | 1 to 4 |

The topic for ME 891 must be approved by the student’s guidance committee.

### Additional Requirements for Plan A

1. Complete at least 21 credits in courses at the 800–900 level including at least 6, but not more than 8, credits in Mechanical Engineering 899.
2. Submit a brief thesis proposal for approval by the student's academic advisor early in the student's program of study.
3. Pass an oral examination in defense of the thesis.

### Additional Requirements for Plan B

1. Complete 21 credits in courses at the 800-900 level.
2. Complete a final evaluation.

Effective Fall 2021.

## COLLEGE OF SOCIAL SCIENCE

1. Change the **Graduation Requirements for the Bachelor of Arts and the Bachelor of Science** degrees in the **College of Social Science**. The University Committee on Undergraduate Education (UCUE) approved this request at its February 4, 2021 meeting
   1. Under the heading **Graduation Requirements for the Bachelor of Arts and Bachelor of Science Degrees in the College of Social Science** replace the entire entry with the following:

To ensure an appropriately broad and well-balanced education, all undergraduates enrolled in the College of Social Science must satisfy the following subject matter and credit requirements, in addition to the graduation requirements of the University as described in the *Undergraduate Education* section of this catalog.

The following restrictions pertain to all courses taken in fulfillment of requirements for the Bachelor of Arts and Bachelor of Science degrees in the College of Social Science:

* + 1. Courses applied to the university requirements in Integrative Studies and Mathematics may not also be counted toward the college graduation requirements.
    2. Unless otherwise noted, no more than two courses offered by a student’s major department or school may be counted toward the college requirements.
    3. Only credits in courses graded on the numerical, Pass-No Grade, or S-NS systems may be counted toward college and major requirements, i.e. courses taken in satisfaction of college and major requirements may not be taken on a Credit-No Credit basis.
    4. Complete the requirements of a major of no fewer than 30 credits with a minimum 2.0 grade-point average for courses in the major.

### All candidates must meet the following requirements:

**Bachelor of Arts**

1. EXPERIENTIAL LEARNING REQUIREMENT

All students must complete an experiential learning requirement. The experiential learning requirement may be satisfied either within or outside the requirements of the major. The requirement may be met by completing a 3 or 4-credit experiential learning course, approved by the College of Social Science Committee on Curriculum and Academic Policy or its designee. A list of approved courses will be maintained by the College of Social Science. The experiential learning requirement is designed to ensure that each undergraduate student will have the opportunity to enhance problem-solving and

integrative reasoning skills through practice outside of the traditional classroom learning environment. Study abroad and study away experiences, internships, service learning and civic engagement experiences, undergraduate research, including, in appropriate cases, honors theses, and entrepreneurship experiences can meet this requirement. The requirement may also be met through a non-credit experience, for example, an undergraduate research experience mentored by a faculty member, if approved in advance by the College of Social Science Committee on Curriculum and Academic Policy or its designee. For further information, consult the Office of Student Affairs in the College of Social Science or an academic advisor in a department or school.

1. INTERDISCIPLINARY MINOR REQUIREMENT

Complete a minimum of 15 credits in one Interdisciplinary Minor from a list of minors approved by the College of Social Science Committee on Curriculum and Academic Policy. Minors approved for this requirement include: African American and African Studies (Social Science Track), African Studies; Asian Pacific American Studies (Social Science Track); Asian Studies; Chicano/Latino Studies; Cities: Environment, Design and Society; Cognitive Science (Social Science Track); Environment and Health; Human Behavior and Social Services; International Development; Latin American and Caribbean Studies; Jewish Studies (Social Science Track); Law, Justice, and Public Policy; Leadership of Organizations; Lesbian, Gay, Bisexual, Transgender, Queer and Sexuality Studies (Social Science Track); Peace and Justice Studies (Social Science Track); Race and Ethnicity in the United States; Social Science Quantitative Data Analytics; Women’s and Gender Studies (Social Science Track); Youth and Society. Other interdisciplinary minors can meet this requirement if approved by the College of Social Science Committee on Curriculum and Academic Policy or its designee. For further information, consult the Office of Student Affairs in the College of Social Science or an academic advisor in a department or school.

1. DISTRIBUTION REQUIREMENTS
   1. Complete a minimum of 30 credits in courses numbered at the 300 level and above. Courses offered by the student’s major department or school may be used to satisfy this requirement.
   2. A maximum of 12 credits of independent study may be applied to the degree.
   3. A maximum of 12 credits of internship, field experience, or practicum credits may be applied to the degree.
   4. The total of independent study, internship, field experience, and practicum credits applied to the degree may not exceed 20 credits.

**Bachelor of Science**

1. EXPERIENTIAL LEARNING REQUIREMENT

All students must complete an experiential learning requirement. The experiential learning requirement may be satisfied either within or outside the requirements of the major. The requirement may be met by completing a 3 or 4-credit experiential learning course, approved by the College of Social Science Committee on Curriculum and Academic Policy or its designee. A list of approved courses will be maintained by the College of Social Science. The experiential learning requirement is designed to ensure that each undergraduate student will have the opportunity to enhance problem-solving and integrative reasoning skills through practice outside of the traditional classroom learning environment. Study abroad and study away experiences, internships, service learning and civic engagement experiences, undergraduate research, including, in appropriate cases, honors theses, and entrepreneurship experiences can meet this requirement. The requirement may also be met through a non-credit experience, for example, an undergraduate research experience mentored by a faculty member, if approved in advance by the College of Social Science Committee on Curriculum and Academic Policy or its designee. For further information, consult the Office of Student Affairs in the College of Social Science or an academic advisor in a department or school.

1. INTERDISCIPLINARY MINOR REQUIREMENT

Complete a minimum of 15 credits in one Interdisciplinary Minor from a list of minors approved by the College of Social Science Committee on Curriculum and Academic Policy. Minors approved for this requirement include: African American and African Studies (Social Science Track), African Studies; Asian Pacific American Studies (Social Science Track); Asian Studies; Chicano/Latino Studies; Cities: Environment, Design and Society; Cognitive Science (Social Science Track); Environment and Health; Human Behavior and Social Services; International Development; Latin American and Caribbean Studies; Jewish Studies (Social Science Track); Law, Justice, and Public Policy; Leadership of Organizations; Lesbian, Gay, Bisexual, Transgender, Queer and Sexuality Studies (Social Science Track); Peace and Justice Studies (Social Science Track); Race and Ethnicity in the United States; Social Science Quantitative Data Analytics; Women’s and Gender Studies (Social Science Track); Youth and Society. Other interdisciplinary minors can meet this requirement if approved by the College of Social Science Committee on Curriculum and Academic Policy or its designee. For further information, consult the Office of Student Affairs in the College of Social Science or an academic advisor in a department or school.

1. SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS REQUIREMENT

Complete a minimum of 12 credits in Science, Technology, Engineering, and Mathematics courses that is a part of each BS major as approved by academic governance. If these courses are listed as part of a student’s B.S. major, the student must complete 12 credits from the major’s STEM list. If these courses are not listed as part of a student’s B.S. major, the student must complete 12 credits from a list maintained by the College of Social Science Committee on Curriculum.

1. DISTRIBUTION REQUIREMENTS
   1. Complete a minimum of 30 credits in courses numbered at the 300 level and above. Courses offered by the student’s major department or school may be used to satisfy this requirement.
   2. A maximum of 12 credits of independent study may be applied to the degree.
   3. A maximum of 12 credits of internship, field experience, or practicum credits may be applied to the degree.
   4. The total of independent study, internship, field experience, and practicum credits applied to the degree may not exceed 20 credits.

Effective Fall 2021.

1. Change the requirements for the **Bachelor of Science** degree in **Economic Geography** in the Department of Geography, Environment, and Spatial Sciences.
   1. Under the heading **Requirements for the Bachelor of Arts Degree in Economic Geography**

make the following changes:

1. In item 3. a. h., delete the following courses:

|  |  |  |
| --- | --- | --- |
| CSUS 447 | Community Economic Development | 3 |
| EEP 320 | Environmental Economics | 3 |

Add the following course:

AFRE 320 Environmental Economics 3

1. Add the following item 4.:

4. Other Required Courses (12 credits):

Complete a 12 credits in Science, Technology, Engineering, and Mathematics (STEM) courses from the following list of courses: Fulfillment of this requirement also meets the College of Social Science STEM Graduation Requirement for the Bachelor of Science degree and may not concurrently satisfy a University requirement.

|  |  |  |  |
| --- | --- | --- | --- |
| AST | 101 | The Celestial Clockworks | 1 |
| AST | 207 | The Science of Astronomy | 3 |
| AST | 208 | Planets and Telescopes | 3 |
| BE | 101 | Introduction to Biosystems Engineering | 1 |
| BE | 230 | Engineering Analysis for Biological Systems | 3 |
| BS | 161 | Cell and Molecular Biology | 3 |
| BS | 162 | Organismal and Population Biology | 3 |
| BS | 171 | Cell and Molecular Biology Laboratory | 2 |
| BS | 172 | Organismal and Population Biology |  |
|  |  | Laboratory | 2 |
| CE | 221 | Statics | 3 |
| CE | 273 | Civil and Environmental Engineering Measurements | 2 |
| CE | 274 | Graphics for Civil and Environmental Engineers | 1 |
| CE | 275 | GIS for Civil ad Environmental Engineers | 1 |
| CEM | 141 | General Chemistry | 4 |
| CEM | 142 | General and Inorganic Chemistry | 3 |
| CEM | 143 | Survey of Organic Chemistry | 3 |
| CEM | 151 | General and Descriptive Chemistry | 4 |
| CEM | 152 | Principles of Chemistry | 3 |
| CEM | 161 | Chemistry Laboratory I | 1 |
| CEM | 162 | Chemistry Laboratory II | 1 |
| CEM | 251 | Organic Chemistry I | 3 |
| CEM | 252 | Organic Chemistry II | 3 |
| CEM | 255 | Organic Chemistry Laboratory | 2 |
| CEM | 262 | Quantitative Analysis | 3 |
| CHE | 201 | Material and Energy Balances | 3 |
| CHE | 210 | Modeling and Analysis of Transport Phenomena | 3 |
| CMSE | 201 | Computational Modeling and Data Analysis I | 4 |
| CMSE | 202 | Computational Modeling and Data Analysis II | 4 |
| CSE | 102 | Algorithmic Thinking and Programming | 3 |
| CSE | 201 | Fundamentals of Information Technology | 3 |
| CSE | 220 | Programming in C | 3 |
| CSE | 231 | Introduction to Programming I | 3 |
| CSE | 232 | Introduction to Programming II | 3 |
| CSE | 260 | Discrete Structures in Computer Science | 4 |
| CSS | 101 | Introduction to Crop Science | 3 |
| CSS | 210 | Fundamentals of Soil Science | 3 |
| CSUS | 200 | Introduction to Sustainability | 3 |
| ECE | 101 | Introduction to Electrical and Computer Engineering | 1 |
| ECE | 201 | Circuits and Systems I | 3 |
| ECE | 202 | Circuits and Systems II | 3 |
| ECE | 203 | Electric Circuits and Systems Laboratory | 1 |
| ECE | 230 | Digital Logic Fundamentals | 3 |
| ECE | 280 | Electrical Engineering Analysis | 3 |
| EGR | 100 | Introduction to Engineering Design | 2 |
| EGR | 102 | Introduction to Engineering Modeling | 2 |
| EGR | 292 | Applications in Environmental Studies | 2 |
| ENE | 280 | Principles of Environmental Engineering and |  |
|  |  | Science | 3 |
| ENT | 110 | Applied Entomology of Economic Plants | 3 |
| ENT | 111 | Basics of Applied Entomology | 2 |
| ENT | 205 | Pests, Society and Environment | 3 |
| FOR | 101 | Michigan’s Forests | 3 |
| FOR | 202 | Introduction to Forestry | 3 |
| FOR | 204 | Forest Vegetation | 3 |
| FOR | 222 | Forestry Field Methods | 2 |

|  |  |  |  |
| --- | --- | --- | --- |
| FW | 101 | Fundamentals of Fisheries and Wildlife Ecology |  |
|  |  | and Management | 3 |
| FW | 110 | Conservation and Management of Marine Resources | 3 |
| FW | 181 | Introduction to Science, Technology, the |  |
|  |  | Environment, and Public Policy | 3 |
| FW | 207 | Great Lakes: Biology and Management | 3 |
| GLG | 201 | The Dynamic Earth | 4 |
| GLG | 202 | Geology of Michigan | 3 |
| ME | 201 | Thermodynamics | 3 |
| ME | 222 | Mechanics of Deformable Solids | 3 |
| ME | 280 | Graphic Communications | 2 |
| MSE | 200 | Materials and Society | 2 |
| MSE | 250 | Materials Science and Engineering | 3 |
| MSE | 260 | Electronic, Magnetic, Thermal, and Optical |  |
|  |  | Properties of Materials | 3 |
| MTH | 114 | Trigonometry | 3 |
| MTH | 126 | Survey of Calculus II | 3 |
| MTH | 133 | Calculus II | 4 |
| MTH | 201 | Elementary Mathematics for Teachers I | 3 |
| MTH | 202 | Elementary Mathematics for Teachers II | 3 |
| MTH | 234 | Multivariable Calculus | 4 |
| MTH | 235 | Differential Equations | 3 |
| PHY | 102 | Physics Computations | 1 |
| PHY | 170 | Investigations in Physics | 3 |
| PHY | 183 | Physics for Scientists and Engineers I | 4 |
| PHY | 184 | Physics for Scientists and Engineers II | 4 |
| PHY | 191 | Physics Laboratory for Scientists, I | 1 |
| PHY | 192 | Physics Laboratory for Scientists, II | 1 |
| PHY | 215 | Thermodynamics and Modern Physics | 3 |
| PHY | 231 | Introductory Physics I | 3 |
| PHY | 232 | Introductory Physics II | 3 |
| PHY | 251 | Introductory Physics Laboratory I | 1 |
| PHY | 252 | Introductory Physics Laboratory II | 1 |
| PLB | 105 | Plant Biology | 3 |
| PLB | 106 | Plant Biology Laboratory | 1 |
| PLB | 203 | Biology of Plants | 4 |
| PLB | 218 | Plants of Michigan | 3 |
| STT | 180 | Introduction to Data Science | 4 |
| STT | 200 | Statistical Methods | 3 |
| STT | 201 | Statistical Methods | 4 |
| STT | 224 | Introduction to Probability and Statistics for |  |
|  |  | Ecologists | 3 |
| STT | 231 | Statistics for Scientists | 3 |
| STT | 250 | Statistics and Probability for K-8 Teachers | 4 |

Effective Fall 2021.

1. Change the requirements for the **Bachelor of Science** degree in **Environmental Geography** in the Department of Geography.

*The concentration in the Bachelor of Science degree in Environmental Geography is noted on the student’s academic record when the requirements for the degree have been completed.*

* 1. Under the heading **Requirements for the Bachelor of Science Degree in Environmental Geography** make the following changes:

1. Change item 3. to the following:

The following courses with a minimum 2.0 grade-point average across all attempted GEO courses (39 to 61 credits):

1. In item 3. a., add the following course:

LB 118 Calculus I 4

1. In item 3. c. add the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| GEO | 331 | Geography of Canada | 3 |
| GEO | 340 | Geography of Eurasia | 3 |

1. In the concentration in **Atmospheric and Climate Sciences** make the following changes:
   1. In item 2. delete the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| CSE | 131 | Technical Computing and Problem Solving | 3 |
| IBIO | 303 | Oceanography | 4 |

Add the following course:

GEO 303 Oceanography 3

* 1. Change the note to the following:

Students in the concentration may use GEO courses in items c., d., and

e. above towards the College of Social Science college distribution requirement.

1. Add the following item 4.:
2. Other Required Courses (12 credits):

Complete a 12 credits in Science, Technology, Engineering, and Mathematics (STEM) courses from the following list of courses: Fulfillment of this requirement also meets the College of Social Science STEM Graduation Requirement for the Bachelor of Science degree and may not concurrently satisfy a University requirement.

|  |  |  |  |
| --- | --- | --- | --- |
| AST | 101 | The Celestial Clockworks | 1 |
| AST | 207 | The Science of Astronomy | 3 |
| AST | 208 | Planets and Telescopes | 3 |
| BE | 101 | Introduction to Biosystems Engineering | 1 |
| BE | 230 | Engineering Analysis for Biological Systems | 3 |
| BS | 161 | Cell and Molecular Biology | 3 |
| BS | 162 | Organismal and Population Biology | 3 |
| BS | 171 | Cell and Molecular Biology Laboratory | 2 |
| BS | 172 | Organismal and Population Biology |  |
|  |  | Laboratory | 2 |
| CE | 221 | Statics | 3 |
| CE | 273 | Civil and Environmental Engineering |  |
|  |  | Measurements | 2 |
| CE | 274 | Graphics for Civil and Environmental |  |
|  |  | Engineers | 1 |
| CE | 275 | GIS for Civil ad Environmental Engineers | 1 |
| CEM | 141 | General Chemistry | 4 |
| CEM | 142 | General and Inorganic Chemistry | 3 |
| CEM | 143 | Survey of Organic Chemistry | 3 |
| CEM | 151 | General and Descriptive Chemistry | 4 |
| CEM | 152 | Principles of Chemistry | 3 |
| CEM | 161 | Chemistry Laboratory I | 1 |
| CEM | 162 | Chemistry Laboratory II | 1 |
| CEM | 251 | Organic Chemistry I | 3 |
| CEM | 252 | Organic Chemistry II | 3 |
| CEM | 255 | Organic Chemistry Laboratory | 2 |
| CEM | 262 | Quantitative Analysis | 3 |
| CHE | 201 | Material and Energy Balances | 3 |
| CHE | 210 | Modeling and Analysis of Transport |  |
|  |  | Phenomena | 3 |

|  |  |  |  |
| --- | --- | --- | --- |
| CMSE | 201 | Computational Modeling and Data Analysis I | 4 |
| CMSE | 202 | Computational Modeling and Data Analysis II | 4 |
| CSE | 102 | Algorithmic Thinking and Programming | 3 |
| CSE | 201 | Fundamentals of Information Technology | 3 |
| CSE | 220 | Programming in C | 3 |
| CSE | 231 | Introduction to Programming I | 3 |
| CSE | 232 | Introduction to Programming II | 3 |
| CSE | 260 | Discrete Structures in Computer Science | 4 |
| CSS | 101 | Introduction to Crop Science | 3 |
| CSS | 210 | Fundamentals of Soil Science | 3 |
| CSUS | 200 | Introduction to Sustainability | 3 |
| ECE | 101 | Introduction to Electrical and Computer |  |
|  |  | Engineering | 1 |
| ECE | 201 | Circuits and Systems I | 3 |
| ECE | 202 | Circuits and Systems II | 3 |
| ECE | 203 | Electric Circuits and Systems Laboratory | 1 |
| ECE | 230 | Digital Logic Fundamentals | 3 |
| ECE | 280 | Electrical Engineering Analysis | 3 |
| EGR | 100 | Introduction to Engineering Design | 2 |
| EGR | 102 | Introduction to Engineering Modeling | 2 |
| EGR | 292 | Applications in Environmental Studies | 2 |
| ENE | 280 | Principles of Environmental Engineering and |  |
|  |  | Science | 3 |
| ENT | 110 | Applied Entomology of Economic Plants | 3 |
| ENT | 111 | Basics of Applied Entomology | 2 |
| ENT | 205 | Pests, Society and Environment | 3 |
| FOR | 101 | Michigan’s Forests | 3 |
| FOR | 202 | Introduction to Forestry | 3 |
| FOR | 204 | Forest Vegetation | 3 |
| FOR | 222 | Forestry Field Methods | 2 |
| FW | 101 | Fundamentals of Fisheries and Wildlife |  |
|  |  | Ecology and Management | 3 |
| FW | 110 | Conservation and Management of Marine |  |
|  |  | Resources | 3 |
| FW | 181 | Introduction to Science, Technology, the |  |
|  |  | Environment, and Public Policy | 3 |
| FW | 207 | Great Lakes: Biology and Management | 3 |
| GLG | 201 | The Dynamic Earth | 4 |
| GLG | 202 | Geology of Michigan | 3 |
| ME | 201 | Thermodynamics | 3 |
| ME | 222 | Mechanics of Deformable Solids | 3 |
| ME | 280 | Graphic Communications | 2 |
| MSE | 200 | Materials and Society | 2 |
| MSE | 250 | Materials Science and Engineering | 3 |
| MSE | 260 | Electronic, Magnetic, Thermal, and Optical |  |
|  |  | Properties of Materials | 3 |
| MTH | 114 | Trigonometry | 3 |
| MTH | 126 | Survey of Calculus II | 3 |
| MTH | 133 | Calculus II | 4 |
| MTH | 201 | Elementary Mathematics for Teachers I | 3 |
| MTH | 202 | Elementary Mathematics for Teachers II | 3 |
| MTH | 234 | Multivariable Calculus | 4 |
| MTH | 235 | Differential Equations | 3 |
| PHY | 102 | Physics Computations | 1 |
| PHY | 170 | Investigations in Physics | 3 |
| PHY | 183 | Physics for Scientists and Engineers I | 4 |
| PHY | 184 | Physics for Scientists and Engineers II | 4 |
| PHY | 191 | Physics Laboratory for Scientists, I | 1 |
| PHY | 192 | Physics Laboratory for Scientists, II | 1 |
| PHY | 215 | Thermodynamics and Modern Physics | 3 |
| PHY | 231 | Introductory Physics I | 3 |
| PHY | 232 | Introductory Physics II | 3 |
| PHY | 251 | Introductory Physics Laboratory I | 1 |
| PHY | 252 | Introductory Physics Laboratory II | 1 |

|  |  |  |  |
| --- | --- | --- | --- |
| PLB | 105 | Plant Biology | 3 |
| PLB | 106 | Plant Biology Laboratory | 1 |
| PLB | 203 | Biology of Plants | 4 |
| PLB | 218 | Plants of Michigan | 3 |
| STT | 180 | Introduction to Data Science | 4 |
| STT | 200 | Statistical Methods | 3 |
| STT | 201 | Statistical Methods | 4 |
| STT | 224 | Introduction to Probability and Statistics for |  |
|  |  | Ecologists | 3 |
| STT | 231 | Statistics for Scientists | 3 |
| STT | 250 | Statistics and Probability for K-8 Teachers | 4 |

Effective Fall 2021.

1. Change the requirements for the **Bachelor of Science** degree in **Geographic Information Science** in the Department of Geography.
   1. Under the heading **Requirements for the Bachelor of Science Degree in Geographic Information Science** make the following changes:
      1. Change item 3. to the following:

The following courses with a minimum 2.0 grade-point average across all attempted GEO courses (41 to 44 credits):

* + 1. In item 3. b., delete the following course:

CSE 131 Technical Computing and Problem Solving 3

Add the following courses:

|  |  |  |
| --- | --- | --- |
| CMSE 201 | Computational Modeling and Data Analysis I | 4 |
| CMSE 202 | Computational Modeling and Data Analysis II | 4 |

* + 1. Add the following item 4.:

1. Other Required Courses (12 credits):

Complete a 12 credits in Science, Technology, Engineering, and Mathematics (STEM) courses from the following list of courses: Fulfillment of this requirement also meets the College of Social Science STEM Graduation Requirement for the Bachelor of Science degree and may not concurrently satisfy a University requirement.

|  |  |  |  |
| --- | --- | --- | --- |
| AST | 101 | The Celestial Clockworks | 1 |
| AST | 207 | The Science of Astronomy | 3 |
| AST | 208 | Planets and Telescopes | 3 |
| BE | 101 | Introduction to Biosystems Engineering | 1 |
| BE | 230 | Engineering Analysis for Biological Systems | 3 |
| BS | 161 | Cell and Molecular Biology | 3 |
| BS | 162 | Organismal and Population Biology | 3 |
| BS | 171 | Cell and Molecular Biology Laboratory | 2 |
| BS | 172 | Organismal and Population Biology |  |
|  |  | Laboratory | 2 |
| CE | 221 | Statics | 3 |
| CE | 273 | Civil and Environmental Engineering |  |
|  |  | Measurements | 2 |
| CE | 274 | Graphics for Civil and Environmental |  |
|  |  | Engineers | 1 |
| CE | 275 | GIS for Civil ad Environmental Engineers | 1 |
| CEM | 141 | General Chemistry | 4 |
| CEM | 142 | General and Inorganic Chemistry | 3 |
| CEM | 143 | Survey of Organic Chemistry | 3 |

|  |  |  |  |
| --- | --- | --- | --- |
| CEM | 151 | General and Descriptive Chemistry | 4 |
| CEM | 152 | Principles of Chemistry | 3 |
| CEM | 161 | Chemistry Laboratory I | 1 |
| CEM | 162 | Chemistry Laboratory II | 1 |
| CEM | 251 | Organic Chemistry I | 3 |
| CEM | 252 | Organic Chemistry II | 3 |
| CEM | 255 | Organic Chemistry Laboratory | 2 |
| CEM | 262 | Quantitative Analysis | 3 |
| CHE | 201 | Material and Energy Balances | 3 |
| CHE | 210 | Modeling and Analysis of Transport |  |
|  |  | Phenomena | 3 |
| CMSE | 201 | Computational Modeling and Data Analysis I | 4 |
| CMSE | 202 | Computational Modeling and Data Analysis II | 4 |
| CSE | 102 | Algorithmic Thinking and Programming | 3 |
| CSE | 201 | Fundamentals of Information Technology | 3 |
| CSE | 220 | Programming in C | 3 |
| CSE | 231 | Introduction to Programming I | 3 |
| CSE | 232 | Introduction to Programming II | 3 |
| CSE | 260 | Discrete Structures in Computer Science | 4 |
| CSS | 101 | Introduction to Crop Science | 3 |
| CSS | 210 | Fundamentals of Soil Science | 3 |
| CSUS | 200 | Introduction to Sustainability | 3 |
| ECE | 101 | Introduction to Electrical and Computer |  |
|  |  | Engineering | 1 |
| ECE | 201 | Circuits and Systems I | 3 |
| ECE | 202 | Circuits and Systems II | 3 |
| ECE | 203 | Electric Circuits and Systems Laboratory | 1 |
| ECE | 230 | Digital Logic Fundamentals | 3 |
| ECE | 280 | Electrical Engineering Analysis | 3 |
| EGR | 100 | Introduction to Engineering Design | 2 |
| EGR | 102 | Introduction to Engineering Modeling | 2 |
| EGR | 292 | Applications in Environmental Studies | 2 |
| ENE | 280 | Principles of Environmental Engineering and |  |
|  |  | Science | 3 |
| ENT | 110 | Applied Entomology of Economic Plants | 3 |
| ENT | 111 | Basics of Applied Entomology | 2 |
| ENT | 205 | Pests, Society and Environment | 3 |
| FOR | 101 | Michigan’s Forests | 3 |
| FOR | 202 | Introduction to Forestry | 3 |
| FOR | 204 | Forest Vegetation | 3 |
| FOR | 222 | Forestry Field Methods | 2 |
| FW | 101 | Fundamentals of Fisheries and Wildlife |  |
|  |  | Ecology and Management | 3 |
| FW | 110 | Conservation and Management of Marine |  |
|  |  | Resources | 3 |
| FW | 181 | Introduction to Science, Technology, the |  |
|  |  | Environment, and Public Policy | 3 |
| FW | 207 | Great Lakes: Biology and Management | 3 |
| GLG | 201 | The Dynamic Earth | 4 |
| GLG | 202 | Geology of Michigan | 3 |
| ME | 201 | Thermodynamics | 3 |
| ME | 222 | Mechanics of Deformable Solids | 3 |
| ME | 280 | Graphic Communications | 2 |
| MSE | 200 | Materials and Society | 2 |
| MSE | 250 | Materials Science and Engineering | 3 |
| MSE | 260 | Electronic, Magnetic, Thermal, and Optical |  |
|  |  | Properties of Materials | 3 |
| MTH | 114 | Trigonometry | 3 |
| MTH | 126 | Survey of Calculus II | 3 |
| MTH | 133 | Calculus II | 4 |
| MTH | 201 | Elementary Mathematics for Teachers I | 3 |
| MTH | 202 | Elementary Mathematics for Teachers II | 3 |
| MTH | 234 | Multivariable Calculus | 4 |
| MTH | 235 | Differential Equations | 3 |

|  |  |  |  |
| --- | --- | --- | --- |
| PHY | 102 | Physics Computations | 1 |
| PHY | 170 | Investigations in Physics | 3 |
| PHY | 183 | Physics for Scientists and Engineers I | 4 |
| PHY | 184 | Physics for Scientists and Engineers II | 4 |
| PHY | 191 | Physics Laboratory for Scientists, I | 1 |
| PHY | 192 | Physics Laboratory for Scientists, II | 1 |
| PHY | 215 | Thermodynamics and Modern Physics | 3 |
| PHY | 231 | Introductory Physics I | 3 |
| PHY | 232 | Introductory Physics II | 3 |
| PHY | 251 | Introductory Physics Laboratory I | 1 |
| PHY | 252 | Introductory Physics Laboratory II | 1 |
| PLB | 105 | Plant Biology | 3 |
| PLB | 106 | Plant Biology Laboratory | 1 |
| PLB | 203 | Biology of Plants | 4 |
| PLB | 218 | Plants of Michigan | 3 |
| STT | 180 | Introduction to Data Science | 4 |
| STT | 200 | Statistical Methods | 3 |
| STT | 201 | Statistical Methods | 4 |
| STT | 224 | Introduction to Probability and Statistics for |  |
|  |  | Ecologists | 3 |
| STT | 231 | Statistics for Scientists | 3 |
| STT | 250 | Statistics and Probability for K-8 Teachers | 4 |

Effective Fall 2021.

1. Establish a **Minor** in **Environmental Social Science** in the Department of Sociology. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at its December 3, 2020.

### Background Information:

Throughout our history, humans—as individuals and in groups, organizations, communities, and societies—have interacted with local, regional, and global environments in numerous ways that vary in their sustainability and their capacity for improving human well-being. Environmental problems such as climate change; biodiversity loss; plastic pollution in the oceans; forest fires; and toxic chemicals in our water, air, and soils are prominent in political arenas and in the public mind. The social sciences have long investigated the drivers, dynamics, and impacts of such human- environment interaction. Many opportunities exist for careers related to environmental social science: social services professionals; corporate sustainability officers; legal advocates; researchers; policy-makers; researchers; environmental educators; project managers. There are just as many opportunities for advanced study that builds upon undergraduate work on environmental social science: law; medicine; public health; and graduate degrees in many academic disciplines across the social sciences and humanities.

The proposed Minor in Environmental Social Science will be available to any MSU student enrolled in a bachelor’s degree program. MSU is the land-grant university in Michigan, a state that has long been—and continues to be—shaped by human-environment interaction in the form of mining, forestry, and other forms of resource extraction; diverse forms of agriculture and fishing; nature- based recreation and tourism; and confrontation with a considerable legacy of industrial waste and habitat destruction. As such, understanding human-environment interaction should be a key focus of MSU’s undergraduate education. Further, as MSU has long been an institutional leader in environmental education abroad and in international environmental research around the world, offering a Minor in Environmental Social Science strengthens learning opportunities for MSU undergraduates.

### Academic Programs Catalog Text:

The Minor in Environmental Social Science, which is administered by the Department of Sociology, enhances the education of students who are interested in issues relating to the environment, including those who wish to prepare themselves for advanced degree programs in environmental social science or careers in related fields.

The minor is available as an elective to students who are enrolled in bachelor’s degree programs at Michigan State University. With the approval of the department and college that administer the student’s degree program, the courses that are used to satisfy the requirements for the minor may also be used to satisfy the requirements for the bachelor’s degree.

Students who plan to complete the requirements of the minor should consult an undergraduate advisor in the College of Social Science.

### Requirements for the Minor in Environmental Social Science

Complete a minimum of 15 credits from the following:

* + 1. The following course (3 credits):

CREDITS

SOC 252 Introduction to Environmental Sociology 3

2.

|  |  |  |  |
| --- | --- | --- | --- |
| One of the following courses (3 credits): | | | |
| ANP | 443 | Human Adaptability | 3 |
| ANP | 486 | Environmental Archaeology | 3 |
| EC | 450 | Economics of Environmental Policy (W) | 3 |
| GEO | 201 | Introduction to Plant Geography | 3 |
| GEO | 203 | Introduction to Meteorology | 3 |
| GEO | 204 | World Regional Geography | 3 |
| GEO | 206 | Physical Geography | 3 |
| GEO | 211 | Environmental Policy and Practice | 3 |
| HST | 391 | Environmental History of North America | 3 |
| UP | 488 | The Sustainable and Climate Resilient City | 3 |
| Two of the following courses (6 credits): | | | |
| AFRE | 206 | World Food, Population, and Poverty | 3 |
| AFRE | 265 | Ecological Economics | 3 |
| CSUS | 310 | History of Environmental Though and |  |
|  |  | Sustainability | 3 |
| CSUS | 463 | Food Fight: Politics of Food | 3 |
| ENT | 205 | Pest, Society, and Environment | 3 |
| FOR | 330 | Human Dimensions of Forests | 3 |
| FW | 434 | Human Dimensions of Fisheries and |  |
|  |  | Wildlife Management | 3 |
| FW | 439 | Conservation Ethics | 3 |
| IBIO | 446 | Environmental Issues and Public Policy | 3 |
| PHL | 342 | Environmental Ethics | 3 |
| REL | 210 | Religion and the Environment | 3 |
| The following capstone course (3 credits): | | | |
| SOC | 452 | Advanced Seminar in Environmental |  |
|  |  | Sociology | 3 |

3.

4.

Effective Fall 2021.

# PART II - NEW COURSES

## DEPARTMENT OF ADVERTISING AND PUBLIC RELATIONS

PR 225 Writing for Public Relations

Fall of every year. Spring of every year. Summer of every year. 3(3-0)

Theory and practice of preparing written business communications for public relations. Effective Fall 2021

PR 330 Social Media Management

Fall of every year. Spring of every year. 3(3-0) RB: Familiarity with public relations, advertising, marketing and/or strategic communication concepts. R: Not open to freshmen.

Strategies and tactics for social media in public relations and advertising. Identifying appropriate social media and digital platforms; planning and implementing strategic organizational communication programs; measuring success.

Effective Fall 2021

## DEPARTMENT OF AFRICAN AMERICAN AND AFRICAN STUDIES

AAAS 200 Black Feminisms: Past, Present, and Futures

Fall of every year. 3(3-0) P: Completion of Tier I Writing Requirement

Black feminist expressions, dialectics, arts, and/or politics, through discussions on language, the body, institutions, history, cultures, communal relations, exercises of freedom, and practices of resistance.

Effective Fall 2021

AAAS 201 Black Sexualities Studies: Past, Present, and Futures

Spring of every year. 3(3-0) P: Completion of Tier I Writing Requirement

Black Sexualities Studies through identity formation, dialectics, arts, and politics, through discussions on language, the body, institutions, history, cultures, politics, healing, exercises of freedom, and practices of resistance.

Effective Fall 2021

AAAS 202 Black Genders Studies: Past, Present, and Futures

Fall of every year. 3(3-0) P: Completion of Tier I Writing Requirement

Gender ideologies, ideologies that produce gender, pursuits of resistant imaginaries, and gender fluidity particularly in Black lifewords, expressions, activism, and politics.

Effective Fall 2021

AAAS 301 Creative Expression, Culture, and Performance

Fall of odd years. Spring of even years. 3(3-0) P: AAAS 100 or AAAS 200 or AAAS 201 or AAAS 202

Historical and contemporary significance of the arts in African American and African Studies.

Effective Fall 2021

AAAS 302 Black Institutions, Sustainability, and Statecraft

Fall of even years. Spring of even years. 3(3-0) P: AAAS 100 or AAAS 200 or AAAS 201 or AAAS 202

Historical, philosophical, and emerging topics related to Black institutions, sustainability, and management systems of centralized governments as it relates to Black sovereignty, self-determination, solidarities, and co-existence.

Effective Fall 2021

AAAS 303 Black Girlhood Studies

Spring of odd years. 3(3-0) P: AAAS 100 or AAAS 200 or AAAS 201 or AAAS 202

Emerging topics and themes in Black Girlhood Studies focusing on the knowledges, cultures, artistic expressions, politics and lived experiences of Black girls and femmes. Effective Fall 2021

AAAS 304 Afrofuturism

Spring of even years. 3(3-0) P: AAAS 100 or AAAS 200 or AAAS 201 or AAAS 202

Examination of the social, cultural, and aesthetic discourses that constitute Afrofuturism. Effective Fall 2021

AAAS 305 Black People and Land

Spring of odd years. 3(3-0) P: AAAS 100 or AAAS 200 or AAAS 201 or AAAS 202 Interdisciplinary study and examination of Black agrarian movements, Black land loss, struggles over land rights, nature poetry, and the “outdoors.”

Effective Fall 2021

AAAS 306 Black Language and Literacy

Fall of even years. 3(3-0) P: AAAS 100 or AAAS 200 or AAAS 201 or AAAS 202

Critical examination of linguistic hegemony and anti-Black linguistic racism related to Black Language and its historical, cultural, political, and racial underpinnings.

Effective Fall 2021

AAAS 307 Creative Expression as Craft

Fall of even years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: AAAS 100 or AAAS 200 or AAAS 201 or AAAS 202

Centers a medium of expression to explore how craft, community relations, and kinship are sources of creative imagination, thinking and world making.

Effective Fall 2021

AAAS 308 Black Spirituality and Religion

Fall of odd years. 3(3-0) P: AAAS 100 or AAAS 200 or AAAS 201 or AAAS 202 Legacies, challenges, and contemporary issues in Black spirituality and religion. Effective Fall 2021

AAAS 401 Social Media and New Journalism

Fall of even years. 3(3-0) P: {(AAAS 100) and (AAAS 200 or AAAS 201 or AAAS 202 or AAAS 300 or AAAS 301 or AAAS 302 or AAAS 303 or AAAS 304 or AAAS 305 or AAAS 306)} or (AAAS 307

or AAAS 308 or AAAS 390)

Engagement with and analysis of various new and emergent media sources used to create social change emphasizing the power of telling and sharing stories.

Effective Fall 2021

AAAS 402 Producing Culture

Fall of odd years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: {(AAAS 100) and (AAAS 200 or AAAS 201 or AAAS 202 or AAAS 300 or AAAS 301 or AAAS 302 or AAAS 303 or AAAS 304 or AAAS 305 or AAAS 306)} or (AAAS 307 or AAAS 308 or

AAAS 390)

Workshop course aimed at exploring and engaging Black aesthetics and modes of creative production with an emphasis on collective imagination and innovation.

Effective Fall 2021

AAAS 403 Institutions and Oppression

Spring of even years. 3(3-0) P: {(AAAS 100) and (AAAS 200 or AAAS 201 or AAAS 202 or AAAS 300 or AAAS 301 or AAAS 302 or AAAS 303 or AAAS 304 or AAAS 305 or AAAS 306)} or (AAAS

307 or AAAS 308 or AAAS 390)

Advanced exploration of the role of institutions in constraining and enabling oppression, diversity, inclusion, and difference.

Effective Fall 2021

AAAS 404 Black Ecologies and Environmental Justice

Fall of odd years. 3(3-0) P: {(AAAS 100) and (AAAS 200 or AAAS 201 or AAAS 202 or AAAS 300 or AAAS 301 or AAAS 302 or AAAS 303 or AAAS 304 or AAAS 305 or AAAS 306)} or (AAAS 307

or AAAS 308 or AAAS 390)

Current trends and perspectives in Black ecologies and environmental justice movements. Effective Fall 2021

AAAS 405 Black Entrepreneurship and Hustle

Spring of odd years. 3(3-0) P: {(AAAS 100) and (AAAS 200 or AAAS 201 or AAAS 202 or AAAS 300 or AAAS 301 or AAAS 302 or AAAS 303 or AAAS 304 or AAAS 305 or AAAS 306)} or (AAAS

307 or AAAS 308 or AAAS 390)

Analyze, explore and practice entrepreneurship as it relates to Black communities, futures, and flourishing.

Effective Fall 2021

AAAS 406 Pedagogies of Protest

Fall of even years. 3(3-0) P: {(AAAS 100) and (AAAS 200 or AAAS 201 or AAAS 202 or AAAS 300 or AAAS 301 or AAAS 302 or AAAS 303 or AAAS 304 or AAAS 305 or AAAS 306)} or (AAAS 307

or AAAS 308 or AAAS 390)

Theories, pedagogies, and practices of protest in the development of critical consciousness and social change.

Effective Fall 2021

AAAS 821 Collaboration, Research and Methodologies

On Demand. 3(3-0) R: Open to graduate students in the Department of African American and African Studies.

Theoretical, philosophical, and methodological (historical, theoretical, quantitative, statistical, sociological, etc.) pathways of creating and analyzing knowledge and information.

Effective Fall 2021

AAAS 829 Introduction to African Studies

Fall of every year. Spring of every year. 3(3-0)

REINSTATEMENT Role that Africa plays in shaping Black Studies. From the original Pan Africanist writings of 19th century scholars, WEB DuBois and Edward Blyden to the more contemporary tripartite ideological perspectives on the study of Africa placing Africans and African scholars at the construction and center of critical analysis.

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.

SA: AL 829

Effective Fall 2021

AAAS 830 Introduction to African American Studies Fall of every year. 3(3-0)

REINSTATEMENT Builds on Manning Marable’s disciplinary mission for Black Studies with the foundational principles, themes and elements of the Black Studies field of study anchored by the African American experience. Prepares students to conduct advanced research study and specialized knowledge production required for dissertation study of African Americans.

SA: AL 830

Effective Fall 2021

AAAS 831 Introduction to African Diaspora Studies

Fall of every year. Spring of every year. 3(3-0) P: AAAS 829 and AAAS 830

REINSTATEMENT African Diaspora on a global scale; regarding broad issues of disciplinary scaffolding and definition, foundational debates, and a selection of key themes driving recent scholarship in this field. Topics include case studies of the Yoruba Diaspora and the Mande Atlantic, creolization and fluidity, Africa’s role in the making of the Americas, Africa in the Colombian exchange, spiritual communities, transatlantic slavery and liberation

SA: AL 831

Effective Fall 2021

AAAS 832 Multicultural Pedagogy in African American and African Studies

Fall of every year. Spring of every year. 3(3-0) P: (AAAS 829 or concurrently) and (AAAS 830 or concurrently) and (AAAS 831 or concurrently)

REINSTATEMENT A methodological, theoretical and experiential framework for its participants to obtain a better understanding of the appropriate supervision and mentoring of the multi-cultural and diverse undergraduate learner.

SA: AL 832

Effective Fall 2021

AAAS 833 Black Worlds: Historical and Contemporary Issues

Fall of every year. 3(3-0) R: Open to graduate students in the Department of African American and African Studies.

Historical and contemporary issues in Black lives, communities, and cultures. Effective Fall 2021

AAAS 834 Black Worlds: Theories and Methodologies

Fall of every year. 3(3-0) R: Open to graduate students in the Department of African American and African Studies.

Advanced study in the range of topics, challenges, and contributions of Black Girlhood Studies.

Effective Fall 2021

AAAS 840 Black Girlhood Studies

Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to graduate students in the Department of African American and African Studies.

Advanced issues in and dynamic solutions offered by Black Girlhood Studies. Effective Fall 2021

AAAS 841 Seminar in Black Feminist Studies

On Demand. 3(3-0) R: Open to graduate students in the Department of African American and African Studies or approval of department.

Current topics, issues, and approaches in Black Feminist Studies. Effective Fall 2021

AAAS 850 Black Cultures and Institutions

Spring of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to graduate students in the Department of African American and African Studies or approval of department.

Advanced exploration and study of Black culture, cultural and institutional formations along with their distinctive technologies for living.

Effective Fall 2021

AAAS 860 Black Speculative Ecologies

Fall of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to graduate students in the Department of African American and African Studies or approval of department.

Advanced exploration and study of speculative enterprises for storying the past, reconstructing the present, and shaping the future.

Effective Fall 2021

AAAS 861 Seminar in Black Sexualities Studies

On Demand. 3(3-0) R: Open to graduate students in the Department of African American and African Studies.

Current topics, issues, and approaches in Black Sexualities Studies. Effective Fall 2021

AAAS 871 Seminar in Black Genders Studies

On Demand. 3(3-0) R: Open to graduate students in the Department of African American and African Studies.

Current topics, issues, and approaches in Black Genders Studies. Effective Fall 2021

AAAS 892 Master’s Thesis Planning

Fall of every year. 2(2-0) P: AAAS 833 R: Open to graduate students in the Department of African American and African Studies.

Supervised development of individual research projects or creative work proposals for the Plan A pathway.

Effective Fall 2021

AAAS 894 Master’s Project Planning

Spring of every year. 2(2-0) A student may earn a maximum of 4 credits in all enrollments for this course. P: AAAS 833 and AAAS 834 R: Open to graduate students in the Department of African American and African Studies.

Supervised development of group, collaborative projects including their proposed form and final products.

Effective Fall 2021

AAAS 895 Professional Development

Fall of every year. 2(2-0) R: Open to graduate students in the Department of African American and African Studies.

Preparation for professional careers in and outside of the academy. Effective Fall 2021

AAAS 897 Colloquium

Spring of every year. 1(1-0) R: Open to graduate students in the Department of African American and African Studies.

Engagement with African American and African Studies department vision, values, and mission as related to the larger trans- and multi-disciplinary field of Black Studies.

Effective Fall 2021

## DEPARTMENT OF ART, ART HISTORY, AND DESIGN

STA 476S Senior Project in The Photobook

Fall of every year. 3(0-6) R: Open to seniors in the Bachelor of Fine Arts in Studio Art. Approval of department. C: STA 476 concurrently.

Intensive studio work in photography in book form. Effective Fall 2021

STA 480S Senior Project in Advanced Electronic Arts and Intermedia

Fall of every year. Spring of every year. 3(0-6) R: Open to seniors in the Bachelor of Fine Arts in Studio Art. Approval of department. C: STA 480 concurrently.

REINSTATEMENT Intensive studio work in electronic arts and intermedia.

Effective Fall 2021

## COLLEGE OF COMMUNICATION ARTS AND SCIENCES

CAS 209 Introduction to Video Production

Fall of every year. Spring of every year. Summer of every year. 2(2-0) R: Open to students. Professional video techniques, technologies, standards, aesthetics, and procedures. SA: CAS 201, CAS 202

Effective Summer 2021

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CSE 814 Formal Methods in Software Development

Fall of odd years. 3(3-0) RB: MTH 472 R: Open only to majors in the Department of Computer Science and Engineering or approval of department.

REINSTATEMENT Formal specification languages, integrating verification with development. Design and the implementation of term project.

SA: CPS 814

Effective Fall 2021

## DEPARTMENT OF ECONOMICS

EC 422 Advanced Data Analysis in Economics

Spring of every year. 3(3-0) P: EC 420

Analysis and interpretation of large-scale economic data using statistical programming tools and econometric methods.

Effective Spring 2022

## DEPARTMENT OF ENGLISH

FLM 438 Film Financing, Programming, and Distribution Spring of every year. 3(3-2) P: FLM 230

REINSTATEMENT History and methods of film financing, programming, and distribution, from the early twentieth century through the present day.

Effective Fall 2021

## DEPARTMENT OF FINANCE

FI 422 Financial Data Analytics

Spring of every year. 3(3-0) P: (CSE 102 or CSE 231) and FI 311

Analysis of real-world financial data in a variety of settings. Apply textual analysis to large documents, identifying “sentiment” in search data, and back-testing trading strategies.

Develop programming skills to collect and prepare data for analysis. Effective Fall 2021

FI 424 Deep Learning and Neural Networks in Finance

Fall of every year. 3(3-0) P: (CSE 102 or CSE 231) and FI 311

Basic concepts of deep learning and neural networks in finance and economics. Implement deep learning methods with state-of-the-art algorithms in a variety of machine learning packages.

Effective Fall 2021

## DEPARTMENT OF LINGUISTICS AND GERMANIC, SLAVIC, ASIAN AND AFRICAN LANGUAGES

LIN 827 Phonetics I

Spring of every year. 3(3-0) P: LIN 824 or approval of department Not open to students with credit in LIN 427.

Basic concepts, principles and methods of modern phonetics, including modelling of the vocal tract. Hands-on laboratory research. Overview of key topics in speech production and perception.

Effective Fall 2021

LIN 828 Phonetics II

Fall of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: LIN 827 or approval of department

Advanced study of speech perception and speech production theory. Cutting-edge tools, methods and research in phonetics.

Effective Fall 2021

LIN 838 Semantics and Pragmatics II

Fall of every year. 3(3-0) P: LIN 837 or approval of department

Empirical phenomena in semantics and pragmatics. Advanced systems of semantic interpretation.

Effective Fall 2021

## DEPARTMENT OF MARKETING

MKT 211 Business and Culture Seminar

Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to undergraduate students in the Accounting major or in the Business - Admitted major or in the Business-Preference major or in the Finance Major or in the Hospitality Business Major or in the Human Resource Management Major or in the Management Major or in the Marketing Major or in the Supply Chain Management Major or approval of college.

International speaker series providing an overview of the business and cultural environment in a particular world region.

Effective Fall 2021

## COLLEGE OF MUSIC

MUS 859 Race Issues in Music Teaching

Spring of odd years. 3(3-0) RB: Interest in music education. R: Open to graduate students in the College of Music.

Intersection of race and music education both historically and presently, working toward an anti-racist pedagogy across all teaching environments. Critical race theory, postcolonialism, and anti-racism to address challenges that historically and/or multiply minoritized communities face in schools and put forward ways to ethically teach student populations with complex intersecting identities. Teacher agency, resistance, and challenging systemic oppression.

Effective Spring 2023

## PROGRAM IN NEUROSCIENCE

NEU 402 Behavioral and Cognitive Neuroscience

Fall of every year. Spring of every year. 3(3-0) P: NEU 301 and NEU 302 R: Open to undergraduate students in the Neuroscience Major or in the Lyman Briggs Neuroscience Coordinate Major.

In-depth examination of neuronal mechanisms that regulate behavior, learning, cognition, and human disease

Effective Fall 2021

NEU 403 Communication in Neuroscience (W)

Fall of every year. Spring of every year. 3(3-0) P: (NEU 301 and NEU 302) and completion of Tier I writing requirement R: Open to undergraduate students in the Neuroscience Major or in the Lyman Briggs Neuroscience Coordinate Major.

In-depth exploration of contemporary areas of neuroscience, emphasizing scientific literacy and effective written and oral communication.

Effective Fall 2021

NEU 840 Social, Cognitive, and Affective Neuroscience

Fall of every year. 3(3-0) Not open to students with credit in NEU 839 or NEU 841.

REINSTATEMENT Introduction to nervous system structure and function aimed at students and professionals with limited biological science background.

Effective Fall 2021

## DEPARTMENT OF PLANT, SOIL AND MICROBIAL SCIENCES

CSS 420 Cover Crops in Agroecosystems

Fall of every year. 3(2-2) Interdepartmental with Horticulture. P: (CSS 101 or HRT 251 or HRT 341) and CSS 210 and Completion of Tier I Writing Requirement

Management, environmental, economic, and social considerations of cover crops across agroecosystems.

Effective Spring 2021

CSS 829 Computational and Applied Plant Breeding

Spring of odd years. 3(3-0) Interdepartmental with Horticulture. P: HRT 819 and STT 814 Theoretical and applied methods of genetics and statistics in plant breeding; selection theory and methods; heritability; genotype-environment interaction; methods to enhance genetic progress and efficiency through statistical genetics, genomics, and marker assisted selection.

Effective Spring 2021

CSS 845 Environmental Soil Physics

Spring of even years. 3(3-0) R: Open to graduate students in the College of Agriculture and Natural Resources and open to graduate students in the College of Engineering and open to graduate students in the College of Natural Science.

Fundamentals of soil physics, soil physical properties, and flows of heat, water, solutes and gases in soils. Integration of soil physics to soil hydrology, ecology, biology and biogeochemistry.

Effective Spring 2021

## DEPARTMENT OF THEATRE

THR 809A Techniques in Applied Performance

Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Theatre.

Standards and best practices of performing in varying acting styles. Practical application and concentrated study of important and/or new techniques in acting.

Request the use of ET-Extension to postpone grading.

The work for the course must be completed and the final grade reported within 4 semesters after the end of the semester of enrollment.

Effective Fall 2021

THR 809B Techniques in Applied Pedagogy

Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Theatre.

Standards and best practices of performing in varying theatrical pedagogy. Practical application and concentrated study of important and/or new techniques in pedagogy. Request the use of ET-Extension to postpone grading.

The work for the course must be completed and the final grade reported within 4 semesters after the end of the semester of enrollment.

Effective Fall 2021

THR 809C Techniques in Applied Studies

Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Theatre.

Standards and best practices of researching in varying theatre studies topics. Research, presentation and concentrated study of important and/or new techniques in theatrical studies.

Request the use of ET-Extension to postpone grading.

The work for the course must be completed and the final grade reported within 4 semesters after the end of the semester of enrollment.

Effective Fall 2021

THR 819A Applied Design Studio: Scenery

Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Theatre.

Standards and best practices of communicating varying design styles in scenery. Practical application and concentrated study of important and/or new topics in theatrical design and technology.

Request the use of ET-Extension to postpone grading.

The work for the course must be completed and the final grade reported within 4 semesters after the end of the semester of enrollment.

Effective Fall 2021

THR 819B Applied Design Studio: Costume

Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Theatre.

Standards and best practices of communicating varying design styles in costume. Practical application and concentrated study of important and/or new topics in theatrical design and technology.

Request the use of ET-Extension to postpone grading.

The work for the course must be completed and the final grade reported within 4 semesters after the end of the semester of enrollment.

Effective Fall 2021

THR 819C Applied Design Studio: Lighting

Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Theatre.

Standards and best practices of communicating varying design styles in lighting. Practical application and concentrated study of important and/or new topics in theatrical design and technology.

Request the use of ET-Extension to postpone grading.

The work for the course must be completed and the final grade reported within 4 semesters after the end of the semester of enrollment.

Effective Fall 2021

THR 819D Applied Design Studio: Sound

Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Theatre.

Standards and best practices of communicating varying design styles in sound. Practical application and concentrated study of important and/or new topics in theatrical design and technology.

Request the use of ET-Extension to postpone grading.

The work for the course must be completed and the final grade reported within 4 semesters after the end of the semester of enrollment.

Effective Fall 2021

THR 819E Applied Design Studio: Media

Fall of every year. Spring of every year. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. R: Open to graduate students in the Department of Theatre.

Standards and best practices of communicating varying design styles in media. Practical application and concentrated study of important and/or new topics in theatrical design and technology.

Request the use of ET-Extension to postpone grading.

The work for the course must be completed and the final grade reported within 4 semesters after the end of the semester of enrollment.

Effective Fall 2021

THR 841 Advanced Directing Practices

Spring of even years. 3(2-2) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in the Department of Theatre.

REINSTATEMENT Directing theory and practice in contemporary theatre, including research and experimentation.

Effective Fall 2021

# PART III – COURSE CHANGES

## DEPARTMENT OF ACCOUNTING AND INFORMATION SYSTEMS

ACC 827 Accounting Analytics

Fall of every year. Spring of every year. 3(3-0) Interdepartmental with Information Technology Management. ~~P~~: ~~AC~~C ~~32~~1 ~~o~~r A~~C~~C 821 P: (ACC 321 or ACC 821) and ACC 411 R: Open to master's students in the Accounting Major.

Develop an accounting analytics mindset. Determine and apply appropriate data analytic techniques based upon the accounting environment and situation. Use data visualization, predictive analytics and other analytics software as appropriate.

~~Effectiv~~e Fa~~l~~l 2017 Effective Spring 2021

## DEPARTMENT OF ADVERTISING AND PUBLIC RELATIONS

ADV 224 Introduction to Creative Media

Fall of every year. Spring of every year. 3(2-2) P: ADV 205 and (ADV 210 or concurrently) R: Open to students in the Advertising Creative major.

Communication design principles used by art directors for research, exploration, and execution. Visual communication solutions using design principles with the appropriate digital technology. Design software includes Adobe CC Illustrator, Photoshop and Indesign.

SA: ADV 321

~~Effectiv~~e ~~Summe~~r 2017 Effective Fall 2021

ADV 225 W~~ritin~~g ~~fo~~r Pub~~li~~c Relations

Basic Skills for Advertising Careers

Fall of every year. Spring of every year. Summer of every year. 3(3-0) ~~R~~: O~~pe~~n ~~t~~o undergraduate ~~student~~s ~~i~~n the ~~Jame~~s Madison College ~~o~~r ~~i~~n ~~th~~e College ~~o~~f Communication ~~Art~~s ~~an~~d Scie~~nce~~s or appr~~ova~~l ~~o~~f department.

Theory and prac~~tic~~e ~~o~~f prepari~~n~~g wr~~itte~~n busi~~nes~~s communications. Theory and practice of preparing written business communications for advertising and utilizing typical software applications.

~~Effectiv~~e Fa~~l~~l 2014 Effective Fall 2021

ADV 420 New Media Driver's License

Fall of every year. Spring of every year. Summer of every year. 3(3-0) R: Open to sophomores or juniors or seniors.

Digital communication for advertising and public relations. Using new media, including social media, to effectively market a business or individual to a target audience.

DELETE COURSE

Effective Fall 2021

ADV 486 Integrated Campaigns (W)

Fall of every year. Spring of every year. Summer of every year. 3(2-2) ~~P~~: ~~{(CA~~S ~~11~~0 a~~n~~d ~~AD~~V 342) ~~an~~d ~~(AD~~V 3~~3~~0 ~~o~~r ~~AD~~V ~~350~~) a~~n~~d ~~((AD~~V 442 ~~o~~r concurrently) ~~o~~r ~~(AD~~V ~~45~~0 ~~o~~r concurrently~~))~~} ~~o~~r (ADV ~~32~~5 a~~n~~d comple~~tio~~n ~~o~~f T~~ie~~r I writ~~in~~g requirement) P: {(CAS 110 and ADV 342) and (ADV 330 or ADV 350) and ((ADV 442 or concurrently) or (ADV 450 or concurrently))} or (PR 325 and completion of Tier I writing requirement) R: Open to undergraduate students in the Department of Advertising and Public Relations or in the Public Relations Minor.

Development of integrated marketing and advertising campaigns for clients. Creative, media and marketing communication elements.

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.

~~Effectiv~~e ~~Summe~~r 2017 Effective Fall 2021

~~AD~~V 260

PR 260 Principles of Public Relations

Fall of every year. Spring of every year. Summer of every year. 3(3-0)

Role and function of public relations in society. History of the field. Roles of practitioners and understanding the unique professional areas within the field of public relations.

~~SA~~: ~~AD~~V 227 SA: ADV 227, ADV 260

~~Effectiv~~e Fa~~l~~l 2014 Effective Fall 2021

## DEPARTMENT OF AFRICAN AMERICAN AND AFRICAN STUDIES

AAAS 100 R~~ac~~e a~~n~~d Community in Lo~~ca~~l ~~t~~o ~~Globa~~l Perspective Pathways into AAAS

Fall of every year. Spring of every year. 3(3-0) P: ((WRA 101 or concurrently) or (WRA 195H or concurrently)) or completion of Tier I writing requirement

Multifaceted topics and dialogue on race. Race as an intractable and enduring feature of ~~politic~~s a~~n~~d society. Rac~~ia~~l fo~~rmations~~. Indivi~~dua~~l ide~~ntities~~, collective action, ~~an~~d social structures. Ways that racial categories remain an organizing principle. Core focus on ~~Africa~~n Americ~~an~~, ~~Africa~~n diaspor~~a~~, and continental ~~Africa~~n sit~~e~~s ~~o~~f analysis. Current trends and topics in African American and African Studies; including contemporary and interdisciplinary perspectives in Black Studies.

~~Effectiv~~e Fa~~l~~l 2014 Effective Fall 2021

AAAS 300 Survey ~~i~~n Afric~~an~~a Studies

Communities in Action

~~Fal~~l ~~o~~f every year. Fall of odd years. Spring of odd years. Su~~mme~~r ~~o~~f every year. 3(3-0) P: AAAS 100 or AAAS 200 or AAAS 201 or AAAS 202 ~~R~~: ~~Approva~~l ~~o~~f department.

~~Cor~~e conceptual elem~~ent~~s ~~o~~f Afr~~ican~~a Studies discipl~~in~~e and peo~~ple~~s (Afri~~ca~~n Americans, ~~African~~s and ~~Africa~~n Diasporas~~)~~, includi~~n~~g to~~pic~~s ~~i~~n rac~~e~~, identity, ~~th~~e Black condition, representational disco~~urses~~, discriminatio~~n~~, oppression, resist~~anc~~e a~~n~~d alternative agency. ~~Fiel~~d ~~tri~~p required. Thematic examination of Black peoples’ collective action in making place, community, and space as resistance.

~~Effectiv~~e Spring 2014 Effective Fall 2021

AAAS 390 Special T~~opic~~s ~~i~~n Black/Africa~~n~~a Studies

Special Topics in Black Studies

~~Sprin~~g ~~o~~f every year. On Demand. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. ~~R~~: O~~pe~~n ~~t~~o stude~~nt~~s ~~i~~n ~~th~~e ~~Africa~~n Americ~~a~~n a~~n~~d ~~Africa~~n Studies Specialization.

Special topics in African American, African, and African Diaspora studies. Topics are selected ~~fro~~m sub-g~~enre~~s ~~o~~f Bla~~ck/African~~a Studies. Special topics selected from sub- genres.

~~Effectiv~~e Fa~~l~~l 2014 Effective Fall 2021

AAAS 490 Independent Study in African American and African Studies

~~Fall of every year. Spring of every year. Summer of every year.~~ On Demand. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. ~~P~~: ~~Completio~~n ~~o~~f Tier I ~~Writing Requirement R~~: ~~Ope~~n ~~t~~o undergradua~~t~~e ~~student~~s in ~~th~~e Af~~rica~~n Am~~erica~~n History and ~~Cultur~~e Speciali~~zatio~~n ~~o~~r ~~i~~n ~~th~~e ~~Africa~~n Americ~~a~~n and ~~Africa~~n S~~tudie~~s Minor. R: Approval of department.

Independent study in select and specialized topics in African American, African Diaspora ~~an~~d African ~~Studies~~: special proje~~cts~~, dir~~ecte~~d reading and research. Independent study in select and specialized topics in Black Studies. Special projects. Directed reading and research.

~~Effectiv~~e Fa~~l~~l 2015 Effective Fall 2021

AAAS 495 Advanc~~e~~d Res~~earc~~h in African American and ~~Africa~~n Studies Writing For Our Lives (W)

Spring of every year. ~~Africa~~, Afr~~ica~~, Africa Summer of odd years. ~~Africa~~, ~~Africa~~, Africa 3(3-0) P: Comple~~tio~~n ~~o~~f T~~ie~~r I ~~Writin~~g Requirement P: {((AAAS 100) and completion of Tier I writing requirement) and (AAAS 200 or AAAS 201 or AAAS 202 or AAAS 300 or AAAS 301 or AAAS 302 or AAAS 303 or AAAS 304 or AAAS 305 or AAAS 306)} or (AAAS 307 or AAAS 308 or AAAS 390)

RB: ISS 215 ~~R~~: ~~Ope~~n ~~t~~o under~~graduat~~e ~~student~~s ~~i~~n ~~th~~e ~~Africa~~n Americ~~a~~n History a~~n~~d Culture Specializ~~atio~~n ~~o~~r ~~i~~n ~~th~~e African American and ~~Africa~~n Studi~~e~~s Minor.

Advanced undergraduate research course in African American, African and African Diasp~~or~~a Studie~~s~~. Review ~~o~~f interdisciplinary ~~topic~~s ~~tha~~t inform ~~thes~~e Africa~~n~~a regions, including slavery, ~~race~~, coloni~~alism~~, ~~civi~~l a~~n~~d human ~~rights~~, identity and disc~~ours~~e and political philosophies, including Black Nationalism African Centered paradigms, and Black Fe~~minism~~. Participati~~o~~n in ~~th~~e University Undergrad~~uat~~e Research a~~n~~d ~~Art~~s F~~orum~~. Field ~~tri~~p required. Intensive writing workshop with focus on development of student voice through the power of the written and spoken word.

~~SA~~: ~~A~~L 495

~~Effectiv~~e Fa~~l~~l 2015 Effective Fall 2021

AAAS 890 Independent Study in African American and African Studies

Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits. A student may earn a maximum of 12 credits in all enrollments for this course. ~~P~~: AA~~A~~S ~~82~~9 and ~~AAA~~S 830 P: AAAS 833 and AAAS 834 ~~R~~: ~~Ope~~n ~~t~~o ~~graduat~~e students. R: Open to graduate students in the Department of African American and African Studies.

Faculty-supervised independent graduate study in African American and African Studies. ~~Effectiv~~e ~~Summe~~r 2014 Effective Fall 2021

AAAS 891 Special Topics in African American and African Studies

~~Fall of every year. Spring of every year. Summer of every year.~~ On Demand. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. ~~R~~: ~~Ope~~n ~~t~~o ~~graduat~~e students. R: Open to graduate students in the Department of African American and African Studies.

Special ~~topic~~s in ~~Africa~~n Americ~~an~~, ~~Africa~~n a~~n~~d ~~Africa~~n Diaspora Studies. Special topics in Black Studies, including, but not limited to: African American, Afro Caribbean, and/or relevant African Studies.

~~Effectiv~~e ~~Summe~~r 2015 Effective Fall 2021

AAAS 893A ~~Domesti~~c Intern~~shi~~p in African American and ~~Africa~~n Studies Pedagogical Project

~~Fall of every year. Spring of every year. Summer of every year.~~ On Demand. 1 ~~t~~o 2 credits. 1 to 3 credits. ~~P~~: ~~AAA~~S ~~82~~9 and AA~~A~~S ~~83~~0 and A~~AA~~S ~~83~~1 a~~n~~d ~~AAA~~S 832 P: AAAS 897 ~~R~~: ~~Ope~~n to ~~graduat~~e students. R: Open to graduate students in the Department of African American and African Studies.

Internship with community based organizations, non-governmental organizations or educational and governmental institutions whose core entrepreneurial activity and mission ~~is t~~o w~~or~~k with ~~Africa~~n Americ~~an~~, ~~Africa~~n ~~o~~r A~~frica~~n descen~~dan~~t communiti~~e~~s ~~an~~d policy ~~issues~~. ~~Facilitate~~s ~~th~~e ~~"communa~~l c~~omponent~~" of ~~th~~e discipline. Training and development in the field of African American and African Studies oriented toward public facing collective research and cultural work.

Request the use of the Pass-No Grade (P-N) system. Requ~~es~~t ~~th~~e use ~~o~~f ET-Extens~~io~~n ~~t~~o postpone grading.

T~~h~~e wo~~r~~k ~~fo~~r ~~th~~e ~~cours~~e ~~mus~~t ~~b~~e comp~~lete~~d ~~an~~d ~~th~~e final gr~~ad~~e re~~porte~~d wi~~thi~~n 2 ~~semester~~s ~~afte~~r ~~th~~e ~~en~~d ~~o~~f the ~~semeste~~r ~~o~~f enrollment.

~~SA~~: ~~A~~L 893A

~~Effectiv~~e Fa~~l~~l 2012 Effective Fall 2021

AAAS 893C Internatio~~na~~l Internship ~~i~~n Afri~~ca~~n Americ~~a~~n ~~an~~d African Studies Community Engagement Project

~~Fall of every year. Spring of every year. Summer of every year.~~ On Demand. 1 ~~t~~o 2 credits. 1 to 3 credits. ~~P~~: ~~AAA~~S ~~82~~9 and AA~~A~~S ~~83~~0 and A~~AA~~S 831 P: AAAS 897 ~~R~~: Open ~~t~~o gradu~~at~~e students. R: Open to graduate students in the Department of African American and African Studies.

Internship w~~it~~h international community bas~~e~~d organizatio~~ns~~, non-governmental organizati~~on~~s or educational a~~n~~d governmen~~ta~~l instituti~~on~~s whose core entrepreneurial activity a~~n~~d mi~~ssio~~n ~~i~~s ~~t~~o work wi~~t~~h African or ~~Africa~~n descend~~an~~t ~~communitie~~s ~~an~~d policy ~~issues~~. ~~Fiel~~d ~~trip~~s required. Internship or service project aimed at development in intellectual leadership and public engagement related to community responsibility and African American and African Studies praxis.

Request the use of the Pass-No Grade (P-N) system. Requ~~es~~t ~~th~~e use ~~o~~f ET-Extens~~io~~n ~~t~~o postpone grading.

The work for the course must be completed and the final grade reported within 2 ~~semester~~s ~~afte~~r ~~th~~e ~~en~~d ~~o~~f the ~~semeste~~r ~~o~~f enrollment.

~~SA~~: ~~A~~L 893C

~~Effectiv~~e Fa~~l~~l 2012 Effective Fall 2021

AAAS 898 M~~aster'~~s Research Master’s Capstone Project

Fall of every year. Spring of every year. Summer of every year. 1 ~~t~~o 3 credits. 1 to 4 credits. ~~A~~ ~~studen~~t may e~~ar~~n a maximum ~~o~~f 3 c~~redit~~s ~~i~~n ~~al~~l enrollments ~~fo~~r ~~thi~~s course. ~~P: AAAS 829 and AAAS~~ ~~83~~0 a~~n~~d ~~AAA~~S ~~83~~1 and AAAS ~~83~~2 ~~o~~r appro~~va~~l ~~o~~f department P: AAAS 894 ~~R~~: ~~Ope~~n ~~t~~o graduate ~~student~~s ~~i~~n ~~th~~e ~~Africa~~n Americ~~a~~n ~~an~~d ~~Africa~~n ~~Studie~~s ~~major~~. Ap~~prova~~l ~~o~~f department. R: Open to graduate students in the Department of African American and African Studies. Approval of department.

~~Directe~~d resear~~c~~h ~~i~~n sup~~por~~t ~~o~~f P~~la~~n B master's ~~progra~~m requirements. Directed engagement in a capstone project for the Plan B program requirements.

~~Effectiv~~e Fa~~l~~l 2012 Effective Fall 2021

AAAS 899 Master's Thesis Research

Fall of every year. Spring of every year. Summer of every year. 2 ~~t~~o 4 credits. 4(4-0) A ~~studen~~t may ~~ear~~n a maximum ~~o~~f 4 ~~credit~~s ~~i~~n ~~al~~l enrollments ~~fo~~r ~~thi~~s course. ~~P: AAAS 829 and AAAS 830 and~~ ~~AAA~~S ~~83~~1 ~~o~~r approv~~a~~l ~~o~~f department P: AAAS 892 ~~R~~: ~~Ope~~n ~~t~~o gradu~~at~~e st~~udent~~s ~~i~~n the African ~~America~~n ~~an~~d ~~Africa~~n ~~Studie~~s major. R: Open to graduate students in the Department of African American and African Studies.

Master's ~~thesi~~s research. Master’s thesis research for the Plan A program requirements. Requ~~es~~t ~~th~~e use ~~o~~f ~~th~~e Pa~~ss-N~~o ~~Grad~~e (P-N) system.

~~Effectiv~~e ~~Summe~~r 2013 Effective Fall 2021

AAAS 999 Doctoral Dissertation Research

Fall of every year. Spring of every year. Summer of every year. 1 to 6 credits. A student may earn a maximum of 36 credits in all enrollments for this course. ~~P~~: AA~~A~~S ~~82~~9 and ~~AAA~~S ~~83~~0 a~~n~~d AAAS ~~83~~1 ~~an~~d ~~AAA~~S 832 P: AAAS 833 and AAAS 834 ~~R~~: O~~pe~~n to ~~graduat~~e stu~~dent~~s ~~i~~n ~~th~~e African ~~America~~n ~~an~~d ~~Africa~~n ~~Studie~~s Major. R: Open to graduate students in the Department of African American and African Studies.

Doctoral dissertation research.

Request the use of the Pass-No Grade (P-N) system. ~~Effectiv~~e Fa~~l~~l 2014 Effective Fall 2021

## DEPARTMENT OF ART, ART HISTORY, AND DESIGN

STA 350 F~~igur~~e Modeling

Exploration of the Human Figure

Fall of every year. Spring of every year. 3(0-6) P: STA 110 and STA 112 and STA 113 and STA 114

Modeling human and natural forms. The figure as a means of artistic and cultural expression. Aspects of the human figure studied in relation to artistic media ~~Effectiv~~e Spring 2019 Effective Fall 2021

STA 351 M~~ixe~~d Media a~~n~~d Installation

Installation and Expanded Media

Fall of every year. Spring of every year. 3(0-6) P: STA 110 and STA 112 and STA 113 and STA 114

Explorati~~o~~n ~~o~~f a~~rtisti~~c expressi~~o~~n usi~~n~~g mixed media ~~an~~d assembla~~g~~e techniques. ~~Installatio~~n techniques. Interdisciplinary approach to studio practice. Exploration of artistic and cultural expression using installation and expanded media.

~~Effectiv~~e Spring 2019 Effective Fall 2021

## COLLEGE OF ARTS AND LETTERS

GSAH 201 Introduction ~~t~~o ~~Globa~~l Stu~~die~~s in ~~th~~e ~~Art~~s ~~an~~d Humanities Issues in Global Studies

Fall of every year. Spring of every year. 3(3-0)

Surveys the ways the arts and humanities interpret and represent global issues, themes and interactions. Introduces key interdisciplinary terms and concepts for understanding glob~~a~~l them~~e~~s ~~an~~d contexts. Major issues in global studies. Approaches, terms and concepts in global studies.

~~Effectiv~~e Spring 2019 Effective Fall 2021

GSAH 301 Approa~~che~~s ~~t~~o G~~loba~~l Stu~~die~~s in ~~th~~e ~~Art~~s ~~an~~d Humanities Global Citizenship

Fall of every year. Spring of every year. 3(3-0) ~~P~~: ~~GSA~~H 201 P: Completion of Tier I Writing Requirement

Explores broad theoretical debates in global studies. Offers a grounding in interdisciplinary frameworks of the humanities and the arts to understand and analyze global themes, contex~~ts~~, ~~an~~d connections. Examines global citizenship with emphasis on theories and practices for an emergent “ethos of care for the world” in the 21st century. Focus on citizenship, globality, migration, digital subjectivities, international human rights, environmental justice, global public health.

~~Effectiv~~e Spring 2019 Effective Fall 2021

GSAH 310 Questions of Justice in Global Contexts

Spring of every year. 3(3-0) ~~P~~: (~~GSA~~H ~~20~~1 ~~o~~r approv~~a~~l ~~o~~f depart~~ment~~) and completi~~o~~n ~~o~~f Tier I writ~~in~~g requirement P: Completion of Tier I Writing Requirement

Addresses issu~~e~~s ~~o~~f global just~~ic~~e ~~an~~d ethi~~c~~s ~~i~~n region~~al~~, nati~~ona~~l ~~an~~d transnational contexts through the study of how the arts and humanities have engaged with questions of ~~form~~s ~~o~~f ~~justic~~e ~~an~~d hum~~a~~n rights. Issues of justice, ethics and law in global contexts within a humanities framework; explore distributive justice, environmental justice, transitional justice, restorative justice, and human rights.

~~Effectiv~~e Spring 2019 Effective Fall 2021

GSAH 311 Global Perspectives on Borders and Migration

Spring of every year. 3(3-0) ~~P~~: (~~GSA~~H ~~20~~1 ~~o~~r approv~~a~~l ~~o~~f depart~~ment~~) and completi~~o~~n ~~o~~f Tier I writ~~in~~g requirement P: Completion of Tier I Writing Requirement

~~Cause~~s ~~an~~d mo~~tives~~, identities ~~an~~d relations~~hips~~, transformatio~~n~~s a~~n~~d trad~~ition~~s ~~o~~f people ~~movin~~g ~~acros~~s geograp~~hi~~c bound~~arie~~s ~~a~~t loc~~al~~, regiona~~l~~, and nat~~iona~~l ~~levels~~. ~~Effec~~t on local and global conditions, grounded in critical, creative, philosophical, and historical explorations. Creative and historical accounts of migration and border-crossings, and the impact on identities, relationships, and cultures.

~~Effectiv~~e Spring 2019 Effective Fall 2021

GSAH 312 Global Digital Cultures

Spring of every year. 3(3-0) ~~P~~: (~~GSA~~H ~~20~~1 ~~o~~r approv~~a~~l ~~o~~f depart~~ment~~) and completi~~o~~n ~~o~~f Tier I writ~~in~~g requirement P: Completion of Tier I Writing Requirement

Studies the transformative effects of digital media and communication on cultural exchange and creativity in global contexts. Introduces students to ethical and social questions concerning the use and circulation of digital media and communications in various regional, national, and transnational contexts.

~~Effectiv~~e Spring 2019 Effective Fall 2021

GSAH 313 Violence and Power in Global Contexts

Spring of every year. 3(3-0) ~~P~~: G~~SA~~H 201 P: Completion of Tier I Writing Requirement

Expl~~ore~~s issues ~~an~~d questions ~~o~~f violence ~~i~~n ~~variou~~s regiona~~l~~, natio~~nal~~, and transnational contex~~t~~s throu~~g~~h manifestatio~~n~~s ~~o~~f ~~huma~~n c~~onflic~~t ~~a~~s addre~~sse~~d ~~i~~n ~~th~~e ~~art~~s and human~~ities~~. Broad~~en~~s student~~s~~’ understandi~~n~~g ~~o~~f relations~~hip~~s between viole~~nce~~, power, ~~an~~d resi~~stanc~~e ~~throughou~~t history ~~an~~d ~~i~~n ~~th~~e present. Questions of violence and power in transnational contexts. Emphasis on representations of war, oppression, and resistance through the study of literature, film, visual art, religious texts, and philosophical writings. ~~Effectiv~~e Spring 2019 Effective Fall 2021

GSAH 314 Race, Gender, and Global Identities

Spring of every year. 3(3-0) ~~P~~: G~~SA~~H 201 P: Completion of Tier I Writing Requirement Addresses issues of diversity through an exploration of the complexity of identity and difference using glo~~ba~~l studies framewor~~ks~~. Evalu~~ate~~s diversity ~~i~~n ~~term~~s ~~o~~f ~~race~~, gender, nationality, and inequality. Con~~tribute~~s ~~t~~o interdisciplinary understandi~~ng~~s of intersecting identities and cultures in contemporary global settings using the arts and humanities.

Questions of race and gender in global contexts, especially as they have been addressed in the humanities. Develops students’ understanding of intersectionality.

~~Effectiv~~e Spring 2019 Effective Fall 2021

GSAH 315 G~~loba~~l Perspectives ~~o~~n ~~Art~~s ~~an~~d Performance Globalization and the Arts

Spring of every year. 3(3-0) ~~P~~: G~~SA~~H 201 P: Completion of Tier I Writing Requirement

Engages the visual and performing arts. Showcases the creative arts and performance as critical components of global studies. Emphasizes the various traditional and contemporary modes of global artistic activity in various regional, national, and transnational contexts. Promotes knowledge of diverse practices as they are manifested through the creative arts and their intersection with global studies.

~~Effectiv~~e Spring 2019 Effective Fall 2021

GSAH 391 Special T~~opic~~s ~~i~~n Glob~~a~~l Studi~~e~~s ~~i~~n ~~th~~e ~~Art~~s ~~an~~d Humanities Special Topics in Global Studies

Fall of every year. Spring of every year. Sum~~me~~r ~~o~~f every year. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. ~~P~~: (GS~~A~~H ~~22~~0 and ~~GSA~~H ~~23~~0 ~~o~~r approval ~~o~~f ~~department~~) ~~o~~r ~~GSA~~H 201 P: Completion of Tier I Writing Requirement

Special topics supplementing regular course offerings proposed by faculty on a group study basis.

~~Effectiv~~e Spring 2019 Effective Fall 2021

GSAH 450 Seni~~o~~r Seminar ~~i~~n Global ~~Studie~~s ~~i~~n the ~~Art~~s ~~an~~d Huma~~nitie~~s (W) Global Interdisciplinary Studies (W)

Spring of every year. 3(3-0) P: ~~((GSA~~H ~~30~~1 or approv~~a~~l ~~o~~f departmen~~t~~) ~~an~~d completi~~o~~n ~~o~~f Tier I writ~~in~~g require~~ment~~) ~~an~~d (GSAH ~~31~~0 ~~o~~r GS~~A~~H ~~31~~1 ~~o~~r GS~~A~~H ~~31~~2 ~~o~~r GSAH ~~31~~3 ~~o~~r GS~~A~~H ~~31~~4 or ~~GSA~~H ~~31~~5 ~~o~~r G~~SA~~H 391) P: ((GSAH 201 or GSAH 301 or GSAH 310 or GSAH 311 or GSAH 312

or GSAH 313 or GSAH 314 or GSAH 315) and completion of Tier I writing requirement) or ((GSAH 313 or GSAH 314 or GSAH 315 or GSAH 391) and completion of Tier I writing requirement)

Selected ~~topic~~s ~~i~~n glo~~ba~~l studi~~e~~s ~~i~~n ~~th~~e ~~art~~s a~~n~~d humaniti~~e~~s throu~~g~~h guided interdisciplinary capst~~on~~e resear~~c~~h projects. Application of global studies concepts and humanities research methods. Guided interdisciplinary research project in global studies. ~~Effectiv~~e Spring 2019 Effective Fall 2021

MUSM 886 Fundamentals of Museum Studies

Fall of every year. 3(3-0) Interdepartmental with Anthropology and Community Sustainability and History. R: Open to lifelong graduate students in the College of Arts and Letters or in the Department of Anthropology or in the Department of History. Approval of department. Not open to students with credit in MUSM 485.

Introduction to the history of museums and current practices, standards, issues and ethics related to education, administration, visitor studies and the development, care and use of museum collections.

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.

SA: AL 886 DELETE COURSE

Effective Summer 2021

## DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

BMB 200 Introduction to Biochemistry

Fall of every year. Summer of every year. 4(4-0) P: CEM 143 or CEM 251 or CEM 351 RB: CEM 252 or CEM 352

Introductions to the major classes of biomolecules and the metabolism of these molecules.

SA: BCH 200

~~Effectiv~~e ~~Summe~~r 2014 Effective Spring 2021

BMB 470 Advanced Molecular Biology Laboratory

Fall of every year. 3(0-6) 4(2-4) P: CEM 262 and BMB 461 RB: BMB 462 R: Open to students in the Biochemistry and Molecular Biology/Biotechnology Major or in the Biochemistry and Molecular Biology major or in the Lyman Briggs Biochemistry and Molecular Biology Coordinate Major or in the Lyman Briggs-Biochemistry/Biotechnology Coordinate Major or approval of department.

Methods of molecular biology and the underlying principles on which these methods are based.

SA: BCH 472, BMB 472

~~Effectiv~~e ~~Summe~~r 2020 Effective Fall 2021

BMB 471 Advanced Biochemistry Laboratory

Spring of every year. 3(0-6) 4(2-4) P: BMB 461 and CEM 262 and CMSE 201 R: Open to students in the Biochemistry and Molecular Biology/Biotechnology Major or in the Biochemistry and Molecular Biology major or in the Lyman Briggs Biochemistry and Molecular Biology Coordinate Major or in the Lyman Briggs-Biochemistry/Biotechnology Coordinate Major or approval of department.

Biochemical methods and principles used in the study of enzymes (proteins), carbohydrates, lipids, and cell organelles.

SA: BCH 471

~~Effectiv~~e Fa~~l~~l 2019 Effective Spring 2022

## COLLEGE OF COMMUNICATION ARTS AND SCIENCES

CAS 201 Audio and Video in Media Settings I

Fall of every year. Spring of every year. Summer of every year. 1(1-0) R: Open to undergraduate students in the College of Communication Arts and Sciences. C: CAS 202 concurrently.

Professional video/audio techniques, technologies, standards, aesthetics, and procedures. SA: TC 340

DELETE COURSE

Effective Spring 2021

CAS 202 Audio and Video in Media Settings II

Fall of every year. Spring of every year. Summer of every year. 1(0-2) R: Open to undergraduate students in the College of Communication Arts and Sciences. C: CAS 201 concurrently.

Advanced professional video/audio techniques, technologies, standards, aesthetics and procedures.

DELETE COURSE

Effective Spring 2021

## DEPARTMENT OF COMMUNITY SUSTAINABILITY

CSUS 821 Indigenous Peoples, Sustainability and Environmental Justice

Fall of even years. 3(3-0) Interdepartmental with Philosophy. R: Open to graduate students.

Indigenous peoples as major architects of environmental sustainability movements and environmental justice. Climate change adaptation, resilience, food sovereignty, and ecological restoration. Environmental movements, cooperative environmental and climate science, and coalitions for environmental advocacy. Case studies of Great Lakes and global Indigenous peoples in dialogue.

DELETE COURSE

Effective Spring 2021

CSUS 823 Contemporary Issues in Animal-Human Relationships Fall of even years. 3(3-0)

Contemporary issues in animal-human relationships, including agriculture and food systems, local communities, and enclosed parks. Nature as a fluid network of relations including humans, nonhumans, and technologies.

SA: ACR 823 DELETE COURSE

Effective Fall 2021

CSUS 891B Advanced Topics in Community, Food and Agriculture

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.

Selected, advanced topics in community, food and agriculture. SA: ACR 891B

DELETE COURSE

Effective Spring 2021

## DEPARTMENT OF ECONOMICS

EC 306 Comparative Economic Systems

Fall of every year. 3(3-0) P: (EC 201 or EC 251H) and (EC 202 or EC 252H)

Characteristics and functions of economic systems. Alternative patterns of economic control, planning, and market structure. Theories, philosophies, and experiences associated with capitalism, socialism, and mixed economies.

DELETE COURSE

Effective Fall 2021

## DEPARTMENT OF ENGLISH

FLM 335 Film Directing

Fall of every year. 3(3-1) Interdepartmental with Media and Information. Interdepartmental with Digital Storytelling and Media and Information ~~P~~: (FLM ~~23~~0 ~~o~~r concurrently) ~~an~~d ~~(CA~~S 112 or concurrently) P: (FLM 230 or concurrently) and ((CAS 112 or concurrently) or (FLM 260 or concurrently)) R: Open to undergraduate students in the Fiction Filmmaking Minor.

Concepts and techniques for directing in styles most associated with the art of film. Studies of innovative film directors. Skills of film directing, including script and shot breakdown. Directing actors and crew. Directing on location.

SA: ENG 335

~~Effectiv~~e Spring 2017 Effective Fall 2021

FLM 435A Creating the Fiction Film I

Fall of every year. 3(3-1) Interdepartmental with Media and Information. Interdepartmental with Digital Storytelling and Media and Information P: FLM 335 R: Open to undergraduate students in the Fiction Filmmaking Minor or approval of department.

Creation of a short film, including scripting, conceptualization and planning, shooting, and rough editing.

SA: ENG 435A

~~Effectiv~~e Spring 2017 Effective Fall 2021

FLM 435B Creating the Fiction Film II (W)

Spring of every year. 3(3-1) Interdepartmental with Media and Information. Interdepartmental with Digital Storytelling and Media and Information P: (FLM 435A or approval of department) and Completion of Tier I Writing Requirement R: Open to undergraduate students in the Fiction Filmmaking Minor or approval of department.

Finishing a short film, including fine editing, color correction, sound design, and foley work. Developing web promotion, marketing strategies, and distribution.

SA: ENG 435B

~~Effectiv~~e Spring 2017 Effective Fall 2021

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

ECE 480 Senior Design

Fall of every year. Spring of every year. 4(3-3) ~~P~~: ~~(EC~~E ~~30~~3 and ~~EC~~E 3~~1~~3 a~~n~~d ECE 320 and ECE ~~33~~1 a~~n~~d ~~EC~~E 3~~6~~6 and ~~(EC~~E 3~~9~~0 ~~o~~r concurrently~~)~~) ~~o~~r ~~((CS~~E ~~41~~0 and ~~(EC~~E ~~39~~0 ~~o~~r concurrently)) ~~an~~d completi~~o~~n ~~o~~f Ti~~e~~r I writing requirement) P: (ECE 303 and ECE 313 and ECE 320 and ECE 331 and ECE 366 and (ECE 390 or concurrently)) or ((CSE 325 and (ECE 390 or concurrently)) and completion of Tier I writing requirement) R: Open to seniors in the Department of Electrical and Computer Engineering or in the College of Engineering.

Electrical engineering and computer engineering senior design experience involving contemporary design tools and practices, engineering standards, cross-functional teaming, oral and written technical communication, and lifelong learning.

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.

~~Effectiv~~e Fa~~l~~l 2013 Effective Spring 2022

## DEPARTMENT OF FINANCE

FI 320 Introduction to Finance

Fall of every year. Spring of every year. 3(3-0) ~~R~~: ~~No~~t ~~ope~~n ~~t~~o ~~student~~s in ~~th~~e Accounti~~n~~g ~~majo~~r or ~~in th~~e Busi~~nes~~s - ~~Admitte~~d major ~~o~~r ~~i~~n ~~th~~e Business-Preferen~~c~~e ~~majo~~r ~~o~~r in ~~th~~e Fina~~nc~~e Ma~~jo~~r ~~o~~r in ~~th~~e Hospitality Busine~~s~~s Major ~~o~~r ~~i~~n ~~th~~e Hum~~a~~n Res~~ourc~~e Managem~~en~~t ~~Majo~~r ~~o~~r ~~i~~n the Management ~~Majo~~r ~~o~~r in ~~th~~e Marketing Major ~~o~~r ~~i~~n ~~th~~e Supply Cha~~i~~n ~~Managemen~~t Major. R: Not open to students in the Accounting major or in the Business - Admitted major or in the Business- Preference major or in the Human Resource Management Major or in the Management Major or in the Marketing Major or in the Supply Chain Management Major or in the Finance Major. ~~No~~t open ~~t~~o ~~student~~s with ~~credi~~t ~~i~~n FI 311. Not open to students with credit in FI 311 or HB 311.

Overview ~~o~~f ~~financ~~e ~~fo~~r ~~th~~e non-bus~~ines~~s ~~major~~. ~~Stocks~~, ~~bonds~~, ~~mutua~~l ~~funds~~, financial ~~statemen~~t analy~~sis~~, ~~capita~~l bu~~dgeting~~, financial planning. Introduction to stocks, bonds, mutual funds, financial statement analysis, capital budgeting, financial planning.

~~Effectiv~~e Spring 2017 Effective Fall 2021

## DEPARTMENT OF FOOD SCIENCE AND HUMAN NUTRITION

HNF 400 Art and Science of Food Preparation

Spring of every year. 2(3-2) P: HNF 300 R: Open to seniors in the Dietetics major.

Art and science of food preparation in relation to cost, health, dietary modification, and historical, regional, ethnic, and religious customs. Product evaluation using sensory techniques. Offered half of semester.

DELETE COURSE

Effective Spring 2021

HNF 826 Obesity and Chronic Disease

Spring of every year. 1(2-0) P: HNF 820 RB: Undergraduate physiology, biochemistry, cell biology, epidemiology

Adipose biology and the role of obesity in chronic disease including diabetes, heart disease and cancer.

DELETE COURSE

Effective Spring 2021

## GENETICS PROGRAM

GEN 840 Genetics Writing Skills

Fall of every year. Spring of every year. Summer of every year. 1(1-0) A student may earn a maximum of 6 credits in all enrollments for this course. ~~R~~: Open ~~t~~o gradu~~at~~e ~~student~~s in the ~~Genetic~~s major. ~~Approva~~l ~~o~~f department. R: Open to graduate students in the Genetics Program or in the Genetics Major. Approval of department.

Development of a genetics research proposal: content, composition, and peer review through a graduate writing group.

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.

~~Effectiv~~e Fa~~l~~l 2014 Effective Fall 2021

GEN 999 Doctoral Dissertation Research

Fall of every year. Spring of every year. Summer of every year. 1 to 24 credits. A student may earn a maximum of 36 credits in all enrollments for this course. ~~R~~: ~~Ope~~n ~~t~~o ~~doctora~~l stud~~ent~~s ~~i~~n the ~~Genetic~~s major. R: Open to doctoral students in the Genetics Program or in the Genetics Major.

Doctoral dissertation research.

Request the use of the Pass-No Grade (P-N) system. ~~Effectiv~~e ~~Summe~~r 2014 Effective Spring 2022

## SCHOOL OF HOSPITALITY BUSINESS

HB 346 ~~Onsit~~e Foodser~~vic~~e Management Hospitality Managed Services

Fall of every year. ~~Sprin~~g ~~o~~f every year. 3(3-0) ~~P: HB 267 and HB 265 R: Open to juniors or seniors~~ ~~in th~~e ~~Schoo~~l ~~o~~f Hospitality Business. R: Open to juniors or seniors in the Hospitality Business Major.

Onsite and noncommercial foodservice business and management. Current issues and future trends in foodservice. Contract firms and self-operated management companies. Contract development.

Effective Fall 2021

HB 482 Advanced Hospitality Finance

Fa~~l~~l ~~o~~f every year. Spring of every year. 3(3-0) ~~P~~: ~~((H~~B ~~27~~3 ~~o~~r concurrently) ~~o~~r (ITM ~~20~~9 or concurrently~~)~~) ~~an~~d ~~(H~~B 3~~1~~1 ~~o~~r FI ~~31~~1 ~~o~~r FI 320) P: (HB 273 or ITM 209) and (HB 311 or FI 311 or FI 320) ~~R~~: ~~Ope~~n ~~t~~o ~~junior~~s ~~o~~r seni~~or~~s ~~i~~n ~~th~~e Hospitality Busine~~s~~s Ma~~jo~~r ~~o~~r in ~~th~~e Hospitality ~~Busines~~s ~~Rea~~l Estate ~~Investmen~~t Managem~~en~~t Minor. R: Open to juniors or seniors in the Hospitality Business Major or in the Hospitality Real Estate Minor.

~~Cas~~h flow determinat~~io~~n ~~an~~d ~~management~~. S~~trategie~~s ~~fo~~r financing hospitality ventures ~~an~~d expansio~~n~~. Determini~~n~~g financ~~ia~~l viability ~~o~~f proposed a~~n~~d existi~~n~~g operations.

Financial analysis regarding the financial viability of hospitality companies. Choosing between investment alternatives, financing , and financial restructuring.

~~Effectiv~~e ~~Summe~~r 2020 Effective Spring 2022

## COLLEGE OF HUMAN MEDICINE

HM 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~~: ~~Approva~~l ~~o~~f college. 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. ~~Effectiv~~e ~~Summe~~r 2020 Effective Spring 2021

HM 862 Global Pandemics and Public Health Systems, Law, and Community Impacts

Fall of every year. Spring of every year. 3(3-0) ~~P: HM 101 R~~: O~~pe~~n ~~t~~o stude~~nt~~s ~~i~~n ~~th~~e Public Health ~~Majo~~r a~~n~~d open ~~t~~o juni~~or~~s ~~o~~r seni~~or~~s ~~an~~d op~~e~~n ~~t~~o grad~~uat~~e stude~~nts~~. Appr~~ova~~l ~~o~~f college. 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.

~~Effectiv~~e ~~Summe~~r 2020 Effective Spring 2021

## SCHOOL OF HUMAN RESOURCES AND LABOR RELATIONS

HRLR 494 Undergraduate Research in Human Capital and Society

Fall of every year. Spring of every year. Summer of every year. 3 to 6 credits. A student may earn a maximum of 8 credits in all enrollments for this course. P: HRLR 201 and (HRLR 315 or concurrently) R: Open to undergraduate students in the College of Social Science or approval of school. Not open to students with credit in SSC 494.

Faculty-guided undergraduate research in disciplines encompassed in human capital and society.

~~Effectiv~~e ~~Summe~~r 2020 Effective Spring 2021

## DEPARTMENT OF LINGUISTICS AND GERMANIC, SLAVIC, ASIAN AND AFRICAN LANGUAGES

LIN 427 Laboratory Phonetics

Fa~~l~~l ~~o~~f every year. Spring of every year. 3(3-0) P: LIN 200 or LIN 401 RB: LIN 424 Not open to students with credit in LIN 827.

Basic concepts, principles and methods of modern phonetics. Understanding of what human speech is and how it works. Reflect on, analyze, and discuss their own speech and the speech of those around them.

~~Effectiv~~e Fa~~l~~l 2018 Effective Fall 2021

LIN 437 S~~emantic~~s and Pragmatics

Introduction to Semantics and Pragmatics

Fall of every year. Spring of every year. 3(3-0) ~~P~~: ~~LI~~N ~~20~~0 ~~o~~r ~~LI~~N ~~40~~1 ~~o~~r app~~rova~~l ~~o~~f department P: LIN 434 or approval of department Not open to students with credit in LIN 837.

~~Structur~~e ~~o~~f mean~~in~~g in natur~~a~~l languag~~es~~. ~~Method~~s ~~o~~f sem~~anti~~c analysis and argumentati~~on~~. Technical tools for ~~statin~~g ~~precis~~e a~~n~~d falsifiable sema~~nti~~c hypotheses. Natural language semantics and pragmatics. How human languages encode meaning and put linguistic meanings to use. Basic mathematical tools used to formally analyze semantics and pragmatics data.

~~Effectiv~~e Fa~~l~~l 2015 Effective Fall 2021

LIN 825 Phonological Theory II

Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: LIN 824 or approval of department ~~RB~~: ~~LI~~N 824

Issues in phonology. Current controversies and trends of research in phonology. ~~Effectiv~~e Spring 2021 Effective Fall 2021

LIN 834 Syntactic Theory I

Fall of every year. ~~Sprin~~g ~~o~~f every year. 3(3-0) ~~P~~: ~~(LI~~N 434)

Theories, current issues, and research of the structure of sentences and structural relations among phrases. Methods of syntactic analysis and argumentation.

~~Effectiv~~e Fa~~l~~l 2000 Effective Fall 2021

LIN 835 Syntactic Theory II

Fa~~l~~l ~~o~~f every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. ~~P~~: ~~LI~~N 834 P: LIN 834 or approval of department

Issues in syntax. Current research and controversies. ~~Effectiv~~e Fa~~l~~l 2000 Effective Fall 2021

LIN 837 Advanc~~e~~d Stud~~ie~~s ~~i~~n Semantics ~~an~~d Pragmatics Semantics and Pragmatics I

Fa~~l~~l ~~o~~f ~~od~~d years. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P: LIN 834 or approval of department ~~RB~~: ~~LI~~N 437 Not open to students with credit in LIN 437.

Selected ~~topic~~s ~~i~~n ~~semantic~~s and/~~o~~r pragmati~~cs~~, ~~suc~~h ~~a~~s no~~u~~n phra~~s~~e interpretatio~~n~~, tense ~~an~~d as~~pect~~, conversational implicat~~ure~~, ~~an~~d ~~negation~~. ~~Advance~~d level analytical techniques. Natural language semantics and pragmatics. Basic mathematical tools used to formally analyze these (e.g., sets, relations, and functions). Overview of key research topics in semantics and pragmatics.

~~Effectiv~~e Fa~~l~~l 1997 Effective Fall 2021

LIN 871 Advanc~~e~~d Studies ~~i~~n Sociolinguistics

Advanced Sociolinguistics

Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (LIN 200 or LIN 401) or previous theoretical linguistics introductory course work. R: Open to graduate students in the Linguistics Major or approval of department.

Linguistic and societal bases for language choice. Topics exemplifying modern sociolinguistics, including concerns of power, ethnicity, gender, quantitative microsociolinguistics, field techniques, and data analysis.

~~Effectiv~~e Fa~~l~~l 2014 Effective Fall 2021

## DEPARTMENT OF MEDIA AND INFORMATION

MI 201 Introduction to Information Science

Fall of every year. Spring of every year. Summer of every year. 3(3-0) ~~P: MI 101 R: Open to~~ undergradua~~t~~e ~~student~~s ~~i~~n the Depa~~rtmen~~t ~~o~~f Media ~~an~~d Information.

Overview and critique of concepts of information, the history of computing and information, uses and effects of information technology, information management, and human- centered approaches to designing information systems.

~~Effectiv~~e Fa~~l~~l 2020 Effective Fall 2021

## COLLEGE OF NATURAL SCIENCE

NSC 100 Drew Freshman Seminar Drew Seminar I

Fall of every year. 2(2-0) ~~P~~: (MTH ~~182~~5 ~~o~~r concurrently) ~~o~~r (MTH ~~11~~6 ~~o~~r concurrently) ~~o~~r (MTH 132 ~~o~~r concurrently) P: (MTH 103A or concurrently) or (MTH 116 or concurrently) or (MTH 132 or concurrently) or (MTH 103B or concurrently) or (MTH 103 or concurrently) R: Approval of college.

Academic and non-academic skills and strategies for successful college transition. SA: NSC 201

~~Effectiv~~e Fa~~l~~l 2014 Effective Fall 2021

NSC 200 Drew Sophom~~or~~e Seminar

Drew Seminar II

Fall of every year. Spring of every year. 2(2-0) P: NSC 100 or approval of college R: Approval of college.

Career exploration and preparation through service-learning experience. SA: NSC 202

~~Effectiv~~e Fa~~l~~l 2014 Effective Spring 2021

## COLLEGE OF OSTEOPATHIC MEDICINE

OST 592 Self-Directed Integration of Medical Knowledge

Fall of every year. Spring of every year. Summer of every year. 6(2-0) A student may earn a maximum of 12 credits in all enrollments for this course. ~~R~~: Op~~e~~n ~~t~~o graduate-profess~~iona~~l students ~~in th~~e ~~Colleg~~e ~~o~~f Ost~~eopathi~~c Medicine. R: Open to graduate-professional students in the College of Osteopathic Medicine. Approval of college.

Self-directed review and integration of basic science and systems medical knowledge content and clinical correlations using coaching and workshops.

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.

~~Effectiv~~e ~~Summe~~r 2019 Effective Spring 2021

## DEPARTMENT OF PLANT BIOLOGY

PLB 424 Algal Biology

Fall of even years. Summer of odd years. 3(2-2) Interdepartmental with Integrative Biology. ~~P~~: (BS ~~16~~2 ~~o~~r ~~L~~B ~~14~~4 ~~o~~r ~~B~~S ~~182H~~) a~~n~~d ((~~B~~S ~~17~~2 ~~o~~r ~~B~~S ~~192H~~) a~~n~~d completi~~o~~n ~~o~~f T~~ie~~r I writing requirement) P: (BS 162 or LB 144 or BS 182H) and ((BS 172 or BS 192H or LB 144) and completion of Tier I writing requirement) RB: IBIO 355 and IBIO 355L

Algal taxonomy, systematics, physiology, ecology, and environmental assessment. Lab focus on identification of freshwater algal genera collected from regional habitats.

SA: BOT 424

~~Effectiv~~e ~~Summe~~r 2018 Effective Spring 2021

## DEPARTMENT OF PLANT, SOIL AND MICROBIAL SCIENCES

CSS 441 Plant Breeding and Biotechnology

~~Sprin~~g ~~o~~f ~~eve~~n years. Spring of every year. 3(3-0) Interdepartmental with Forestry and Horticulture. P: (CSS 350 or concurrently) or (IBIO 341 or concurrently)

Plant improvement by genetic manipulation. History of plant breeding. Traditional and biotechnological means of improving plant cultivars by genetic manipulation. Importance of plant breeding to our food system, economy, and environment.

~~Effectiv~~e Spring 2018 Effective Spring 2021

CSS 840 Soil Physics

Fall of odd years. 3(2-3) R: Open to graduate students in the College of Agriculture and Natural Resources or in the College of Engineering or in the College of Natural Science.

Physical properties of soil including texture, structure, consistency, aeration, moisture content, and temperature. Quantitative measurement of plant growth. Agronomic and engineering practices.

DELETE COURSE

Effective Spring 2021

PLP 847 Advanced Mycology

Fall of even years. ~~Sprin~~g ~~o~~f ev~~e~~n years. 4(2-4) Interdepartmen~~ta~~l with ~~Plan~~t Biology. Interdepartmental with Microbiology and Molecular Genetics and Plant Biology RB: PLB 402

Systematics, identification, physiology, genetics, and molecular biology of plant pathogenic fungi.

SA: BOT 847

~~Effectiv~~e Fa~~l~~l 2013 Effective Fall 2021

PLP 884 Prokaryotic Diseases of Plants

Fa~~l~~l ~~o~~f ~~eve~~n years. Spring of odd years. 3(3-0) Interdepartmental with Plant Biology. ~~RB~~: P~~L~~P 405 RB: (PLP 405) and PLP 405

Prokaryotic genera associated with plant diseases. Genetics and host-pathogen interactions. Prokaryotic disease control strategies.

SA: BOT 884

~~Effectiv~~e Fa~~l~~l 2013 Effective Spring 2021

## DEPARTMENT OF PSYCHOLOGY

PSY 413 Laboratory in Behavioral Neuroscience (W)

Fall of every year. 4(2-4) Interdepartmental with Integrative Biology. ~~P~~: ~~(PS~~Y ~~20~~9 ~~o~~r ~~IBI~~O ~~402~~) and ~~((PS~~Y ~~29~~5 ~~o~~r S~~T~~T ~~231~~) ~~an~~d completi~~o~~n ~~o~~f T~~ie~~r I wr~~itin~~g requirement) P: (PSY 209) and ((PSY 295 or STT 231) and completion of Tier I writing requirement)

Theory and laboratory experience in the study of behavioral neuroscience. Relationship among hormones, brain, and behavior.

SA: PSY 309

~~Effectiv~~e Fa~~l~~l 2016 Effective Fall 2021

## DEPARTMENT OF SUPPLY CHAIN MANAGEMENT

SCM 475 Supply Cha~~i~~n Decisi~~o~~n Modeling

Data Analytics in Supply Chain Management

Fall of every year. Spring of every year. 2(2-0) 3(3-0) P: SCM 372 R: Open to juniors or seniors in the Supply Chain Management Major.

Decision modeling in supply chains with emphasis on forecasting, aggregate planning, material requirement planning, inventory management, transportation, supply network design, quality management, and sourcing decisions. Use of traditional and advanced spreadsheet modeling tools. Application of descriptive, predictive, and prescriptive data analytics to supply chain problems. Quality management, forecasting, operations management, sourcing management, logistics/transportation management, supply network design using advanced spreadsheet modeling tools and programming for manipulating big data.

SA: MSC 475

~~Effectiv~~e Spring 2013 Effective Fall 2021

SCM 834 Supply Cha~~i~~n Simulation

Supply Chain Process Modeling and Simulation

Spring of every year. 1 to 3 credits. P: SCM 800 or MBA 831

Simulati~~o~~n mo~~del~~s ~~t~~o sup~~por~~t decisi~~o~~n maki~~n~~g wi~~t~~h spe~~cifi~~c supp~~l~~y ~~chai~~n focus. Simulati~~o~~n conc~~epts~~, programming, des~~ig~~n me~~thods~~, a~~n~~d re~~sult~~s interpretation. Code simulation models in software to support decision making. Simulation concepts, programming, design methods, and results interpretation. Offered second half of semester.

~~Effectiv~~e Fa~~l~~l 2013 Effective Spring 2022