

MICHIGAN STATE UNIVERSITY

Report of
THE UNIVERSITY COMMITTEE ON CURRICULUM
to the Faculty Senate
January 23, 2024

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

MICHIGAN STATE UNIVERSITY
University Committee on Curriculum

January 23, 2024

TO: Faculty Senate

This report is prepared and distributed for the following purposes:

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

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

PART I - NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES:

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

PART II - NEW COURSES:¹

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

PART III - COURSE CHANGES:¹

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

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

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

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

MICHIGAN STATE UNIVERSITY

January 23, 2024

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

PART I - NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

1. Establish a **Minor in Environmental Soil Science** in the Department of Plant, Soil and Microbial Sciences. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at its September 28, 2023 meeting.

- a. **Background Information:**

Soil science has always been an interdisciplinary field involving chemistry, physics, biology, and geology. Most soil science programs have historically focused on row crop production, a vital application of soil science. Soil science also impacts forestry, wetland management, urban stormwater planning, archeology, and many other related disciplines. Soil scientists are hired by Federal agencies including the U.S. Department of Agriculture, the U.S. Forest Service, the U.S. Geological Survey, and the Environmental Protection Agency. These Federal jobs, and many analogous state jobs across the country, require applicants to meet the Federal OPM Soil Science Series 0470 job requirements, which include 15 credits in soil science and at least 30 credits of supporting scientific course work. The Certified Professional Soil Scientist (CPSS) program, administered by the Soil Science Society of America, essentially mirrors these Federal job requirements for many private sector jobs; many soil scientists working in the septic services industry and other industries pursue certification as a CPSS after graduation.

Current MSU students who are interested in pursuing one of these Federal, state, or private sector soil science jobs have limited educational opportunities. If they pursue a B.S. in Crop and Soil Sciences (CSS), they will meet the soil science credit requirements for most jobs, but they will not meet the course work requirements to be competitive applicants for jobs in forest soils, wetland soils, and other environments that are not represented in the CSS curriculum. Similarly, MSU students who pursue majors such as Forestry or Fisheries and Wildlife will find that they have enough supporting course work to pursue jobs in those fields, but that they lack enough soil science credits to apply for soil scientist positions in those diverse environments.

The purpose of the Minor in Environmental Soil Science is to fill this educational gap at MSU. A student who wants to work as a soil scientist in nearly any environment can pursue whatever major they prefer to specialize in an environment (e.g., vineyard, urban, forest, wetland), while pursuing the Minor in Environmental Soil Science in order to meet the specific requirements of many soil science jobs. The minor is flexible enough to allow students who are more generally interested in soil health, regenerative agriculture, and similar topics to still pursue substantial course work in soil science while allowing up to 6 credits of closely related electives.

- b. **Academic Programs Catalog Text:**

The Minor in Environmental Soil Science is intended to serve students and professionals who plan to pursue careers in soil science, soil health, or related agricultural, natural resource, and environmental sciences with a focus on the sustainable management of soils to produce food, fiber, and other products while conserving or regenerating natural and managed ecosystems.

The requirements meet the soil science course work requirements for Federal and state employment as soil scientists, as well as the course work requirements necessary to become a Certified Professional Soil Scientist (CPSS).

At least 9 credits counted towards the requirements for this minor must be unique. Unique credits must not be used to fulfill another university, college, or major requirement in the student's program.

With the approval of the department and college that administer the student's degree program, 6 credits of course work 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 are interested in enrolling should contact an undergraduate advisor in the Department of Plant, Soil and Microbial Sciences.

Requirements for the Minor in Environmental Soil Science

			CREDITS
Complete all of the following courses (15 credits):			
1.	The following course (3 credits):		
	CSS 210	Fundamentals of Soil Science	3
2.	Complete 12 credits, with a minimum of 6 credits from the Soil Science category:		
	<i>Soil Science</i>		
	CSS 203	World of Soils	2
	CSS 330	Soil Chemistry	2
	CSS 340	Applied Soil Physics	2
	CSS 360	Soil Biology	2
	CSS 470	Soil Resources	3
	CSS 480	Soil Fertility and Management	3
	<i>Approved Electives</i>		
	ANS 418	Animal Agriculture and the Environment	3
	CSS 411	Fire and Environmental Quality	3
	CSS 420	Cover Crops in Agroecosystems	3
	CSS 442	Agricultural Ecology	3
	CSS 460	Plant-Microbe Interactions	3
	CSS 488	Agricultural Cropping Systems: Integration and Problem Solving	3
	CSUS 354	Water Resources Management	3
	CSUS 453	Watershed Planning and Management	3
	FOR 340	Forest Ecology	3
	FOR 406	Applied Forest Ecology: Silviculture	3
	FOR 413	Wildland Fire Ecology and Management	3
	FW 410	Upland Ecology and Management	3
	FW 416	Marine Ecology and Management	3
	FW 417	Wetland Ecology and Management	3
	FW 472	Limnology	3
	GEO 221	Introduction to Geographic Information	3
	GEO 306	Environmental Geomorphology	3
	GEO 324	Remote Sensing of the Environment	4
	GEO 325	Geographic Information Systems	3
	GEO 402	Agricultural Climatology	3
	GLG 411	Hydrogeology	3
	GLG 412	Glacial Geology and the Record of Climate Change	4
	GLG 431	Sedimentology and Stratigraphy	4
	GLG 446	Ecosystems Modeling, Water and Food Security	3
	HRT 332	Tree Fruit Production and Management	3
	HRT 336	Viticulture and Berry Production	2
	HRT 341	Vegetable Production and Management	3
	PLB 402	Biology of Fungi	4
	PLB 415	Plant Physiology	3
	PLB 418	Plant Systematics	3
	PLB 441	Plant Ecology	3

2. Establish a **Master of Science** degree in **Global Plant Breeding** in the Department of Plant, Soil and Microbial Sciences. The University Committee on Graduate Studies (UCGS) recommended approval of this request at its September 18, 2023 meeting.

a. **Background Information:**

The world opening to online education has provided Michigan State University (MSU) with an opportunity to offer its educational programs beyond the borders of Michigan and the United States. Faculty members in the Department of Plant, Soil and Microbial Sciences (PSM) and other departments at MSU have been developing and offering online courses. The online professional certificate course, "Plant Breeding 2 Fight Hunger (<https://www.canr.msu.edu/courses/plantbreeding-2-fight-hunger>)," was offered by the PSM department to an international audience during the pandemic. The course was well-received with participants expressing interest in an online M.S. degree option.

MSU has a unique opportunity to be a leader in providing online Plant Breeding education to a global audience. Only Texas A&M University and Iowa State University currently offer online M.S. degree programs in Plant Breeding. In the College of Agriculture and Natural Resources, we have faculty in the Plant Breeding, Genetics, and Biotechnology (PBGB) program who have expertise in plant breeding and have built decades of collaborations with partner countries and institutions around the world. People working in plant breeding and studying this field throughout the world would be interested in and benefit from the opportunity to obtain a post graduate degree from MSU while still working and studying in their home state or country. Online education offers a cost-effective opportunity for students to obtain a valuable degree from MSU without having to leave their current employment, families, or countries. In addition, this online M.S. degree program offers MSU an opportunity to increase student numbers and graduation rates by providing admission to a professional degree program where on-campus graduate research and teaching assistantships are limited by the availability of funding.

The goal of the online Master of Science degree in Global Plant Breeding is to attract professionals currently employed at seed companies, fruit breeding companies, CGIAR centers, and National Agricultural Research Systems (NARS). We have received letters of support for this online M.S. degree program from several private companies in the United States, including Corteva, Bayer, Simplot, Driscoll, NARS, and several potential students from the certificate course and employed outside of the U.S. in plant breeding. This program is not focused on MSU students that are in an existing degree program at MSU.

Plant Breeding is a rapidly evolving field. Developing a new online M.S. degree program offers opportunities to develop new courses for the plant breeding curriculum that offer all students in graduate programs in plant breeding on campus new knowledge in laws and regulations, design thinking and leadership, and global seed systems.

b. **Academic Programs Catalog Text:**

The Master of Science Degree in Global Plant Breeding provides opportunities for working professionals to obtain new knowledge in laws and regulations, design thinking and leadership, and global seed systems.

In addition to meeting the requirements of the University and of the College of Agriculture and Natural Resources, students must meet the requirements specified below.

Admission

The student must:

1. have earned a bachelor's degree with a grade-point average of 3.0;
2. provide all undergraduate transcripts;
3. provide three letters of recommendation;
4. provide a personal statement describing the applicants interest and experience in plant breeding and their personal career goals;
5. provide a resume or test scores from a standardized graduate or professional school test such as the GRE, GMAT, MCAT, DAT, or LSAT, which may be waived if the applicant has a previously conferred graduate or professional degree
6. provide test scores from an English proficiency examination if from non-English speaking country;

7. have completed at least one college level introductory course in Advanced Mathematics, Biology, and Genetics;
8. have completed 15 undergraduate credit hours in plant science course work.

Guidance Committee

The Global Plant Breeding Committee is composed of the director of the Global Plant Breeding program and two additional regular MSU faculty members.

Requirements for the Master of Science Degree in Global Plant Breeding

A minimum of 30 credits is required for the degree under Plan B (without thesis). The program is available only online.

			CREDITS
1.	Complete all of the following courses (24 credits):		
	CSS 441	Plant Breeding and Biotechnology	3
	CSS 451	Biotechnology Applications for Plant Breeding and Genetics	3
	CSS 815	Statistics for Plant Breeders	3
	CSS 816	R Modules for Plant Breeders	2
	CSS 817	Global Plant Breeding Regulations	2
	CSS 818	Design Thinking and Leadership for Plant Breeders	2
	CSS 830	Breeding for Quantitative Traits	3
	CSS 831	Breeding for Biotic and Abiotic Stresses	3
	CSS 832	Global Seed Systems	3
2.	Complete both of the following courses (6 credits):		
	CSS 870	Capstone in Global Plant Breeding	3
	CSS 890	Independent Study	3
3.	Complete training in Responsible Conduct of Research (RCR)		
4.	Successfully pass a final oral evaluation in defense of a final professional breeding project.		

Effective Summer 2024.

COLLEGE OF ARTS AND LETTERS

1. Change the name of the **Minor in Digital Humanities** to **Digital Studies in the Arts and Humanities** in the College of Arts and Letters.

No new students are to be admitted to the Minor in Digital Humanities effective Fall 2024. No students are to be readmitted to the Minor in Digital Humanities effective Fall 2024. Effective Fall 2024, coding for the Minor in Digital Humanities will be discontinued and the program will no longer be available in the College of Arts and Letters. Students admitted to the minor prior to Fall 2024 will be awarded a Minor in Digital Humanities in the College of Arts and Letters. Students admitted to the minor Fall 2024 and forward will be awarded a Minor in Digital Studies in the Arts and Humanities.

Effective Fall 2024.

2. Change the requirements for the **Minor in Digital Studies in the Arts and Humanities** in the College of Arts and Letters.
 - a. Under the heading **Minor in Digital Studies in the Arts and Humanities**, replace the entire entry with the following:
 1. The following core courses (6 credits):

DH 285	Introduction to Digital Studies in the Arts and Humanities	3
DH 340	Digital Studies in Practice	3
 2. Complete a minimum of 6 credits in digital studies courses approved in advance by the Digital Studies in the Arts and Humanities undergraduate advisor. Courses with the DH course code count as electives toward the minor without additional advisor approval.
 3. A capstone course or other experience (3 credits):

DH 450	Digital Studies Capstone	3
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DH	493	Digital Studies Internship	3
Another study abroad program, internship or portfolio seminar with a significant digital component, or documented work on a digital studies in the arts and humanities project or in a digital studies unit may be used to fulfill this requirement if approved in advance by the Digital Studies in the Arts and Humanities undergraduate advisor.			

Effective Fall 2024.

3. Establish a **Bachelor of Arts** degree in **French Education** in the Department of Romance and Classical Studies. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at its September 28, 2023 meeting. The Teacher Education Council (TEC) recommended approval of this request at its September 25, 2023 meeting.

a. **Background Information:**

Michigan State University desires to have students complete the bachelor's degree in 4 years while completing the teacher certification requirements. The former pathway, a 4-year bachelor's and one year of graduate study, will no longer be an option for students pursuing teacher certification.

The department is creating a specific teaching major for French Education to allow for more clarity around the requirements for teaching certification. The program combines the existent French bachelor's requirements with the new PK-12 education certification courses required for teacher certification. As a result, the teacher certification curricula for PK-12 education will be aligned.

b. **Academic Programs Catalog Text:**

The Bachelor of Arts Degree in French Education degree connects the learning of the French language and cultures to the training necessary to become a passionate and competent French teacher. Its emphasis on interdisciplinary, cross-cultural, and immersion education allows students to creatively articulate meaningful links that they can share with their future students.

Requirements for the Bachelor of Arts Degree in French Education

1. The University requirements for bachelor's degrees as described in the *Undergraduate Education* section of this catalog; 120 credits, including general elective credits, are required for the Bachelor of Arts degree in French Education.
 The University's Tier II writing requirement for the French Education major is met by completing French 340 and 350. Those courses are referenced in item 3. below.
2. The requirements of the College of Arts and Letters for the Bachelor of Arts degree.
 The credits earned in certain courses referenced in requirement 3. below may be counted toward College requirements as appropriate.
3. The following requirements for the major:

			CREDITS
a.	The following French courses (30 to 40 credits):		
(1)	All of the following courses (15 credits):		
	FRN	310	Stepping into the 20th Century and Beyond 3
	FRN	320	Exploring Diversity and Minorities in the Francosphere 3
	FRN	330	Progressing in French Pronunciation 3
	FRN	340	Connecting with the Literatures of the Francosphere (W) 3
	FRN	350	Connecting with the Cultures of the Francosphere (W) 3
	Note: FRN 391 Special Topics in Study Abroad may substitute for one of the 300-level required courses.		
(2)	Complete an additional 15 credits from the following in French courses at the 400-level to meet the requirement of 30 credits in courses in the major:		
	FRN	420	French for Professional Uses 3
	FRN	430	Perspectives in the French Language 3
	FRN	440	Perspectives in Literature and the Arts of the Francosphere 3

	FRN	450	Perspectives in the Cultures of the Francosphere	3
	FRN	491	Special Topics in Study Abroad	3
	A maximum of 9 credits may be earned in each of the 400-level courses above to enable students to focus on a concentration.			
b.	The following Professional Education Courses in the Department of Teacher Education (36 credits):			
	All of the following courses from the shared professional sequence (18 credits):			
	CEP	240	Introduction to Exceptional Learners	3
	TE	101	Social Foundations of Justice and Equity in Education	3
	TE	102	Pedagogy and Politics of Justice and Equity in Education	3
	TE	150	Reflections on Learning	3
	TE	302	Literacy and Adolescent Learners in School and Community Contexts	3
	TE	341	Teaching and Learning of (Bi)Multilingual Learners	3
	TE	334	Clinical Experiences in World Language Education I	3
	TE	434	Clinical Experiences in World Language Education II	3
	TE	435	Seminar in World Language Education I	3
	TE	436	Seminar in World Language Education II	3
	TE	437	Student Teaching Internship in World Language Education	6

Effective Summer 2024.

4. Establish a **Bachelor of Arts** degree in **Spanish Education** in the Department of Romance and Classical Studies. The University Committee on Undergraduate Education (UCUE) recommended approval of this request at its September 28, 2023 meeting. The Teacher Education Council (TEC) recommended approval of this request at its September 25, 2023 meeting.

a. **Background Information:**

Michigan State University desires to have students complete the bachelor's degree in 4 years while completing the teacher certification requirements. The former pathway, a 4-year bachelor's and one year of graduate study, will no longer be an option for students pursuing teacher certification.

The department is creating a specific teaching major for Spanish Education to allow for more clarity around the requirements for teaching certification. The program combines the existent Spanish bachelor's requirements with the new PK-12 education certification courses required for teacher certification. As a result, the teacher certification curricula for PK-12 education will be aligned.

b. **Academic Programs Catalog Text:**

The Bachelor of Arts Degree in Spanish Education degree fosters the study of the human experience as expressed in the language, dialects, literatures, and cultures of Spain, Mexico, Central and South America, and the Caribbean. Students have the opportunity to take courses across the curriculum or focus on a specific area of interest such as the Spanish language, the Literature of Spain, the Literature of Latin America and the Caribbean and Spanish Linguistics. The Spanish Education degree connects the learning of the Spanish language and cultures to the training necessary to become a passionate and competent Spanish teacher. Its emphasis on interdisciplinary, cross-cultural, and immersion education allows students to creatively articulate meaningful links that they can share with their future students.

Requirements for the Bachelor of Arts Degree in Spanish Education

CREDITS

1. The University requirements for bachelor's degrees as described in the *Undergraduate Education* section of this catalog; 120 credits, including general elective credits, are required for the Bachelor of Arts degree in Spanish Education.
 The University's Tier II writing requirement for the Spanish Education major is met by completing Spanish 320 and 350. Those courses are referenced in item 3. below.
2. The requirements of the College of Arts and Letters for the Bachelor of Arts degree.
 The credits earned in certain courses referenced in requirement 3. below may be counted toward College requirements as appropriate.
3. The following requirements for the major:

CREDITS

- a. The following Spanish courses (36 to 40 credits):
 - (1) All of the following courses (27 credits):

	SPN 310	Basic Spanish Grammar	3
	SPN 320	Cultural Readings and Composition (W)	3
	SPN 330	Phonetics and Pronunciation	3
	SPN 342	Media and Conversation	3
	SPN 350	Introduction to Reading Hispanic Literature (W)	3
	SPN 412	Topics in Hispanic Culture	3
	SPN 420	Spain and its Literature	3
	SPN 432	Latin America and its Literature	3
	SPN 440	The Structure of Spanish	3

 See the department for an approved list of courses which may be used to substitute for Spanish 412.
 - (2) Three of the following courses (9 credits):

	SPN 452	Topics in Spanish Language I	3
	SPN 462	Topics in Spanish Literature	3
	SPN 472	Topics in the Literatures of the Americas	3
	SPN 482	Topics in Spanish Linguistics	3
	SPN 491	Special Topics in Spanish	3

 Each course may be repeated for up to 9 credits.
 - (3) Spanish electives: Additional credits in 400–level Spanish courses as needed to meet the requirement of at least 36, but not more than 40, credits in the major.
- b. Intensive contact with Spanish is required in order to learn the language. Students majoring in Spanish are expected to study abroad for at least eight weeks, but should a student be unable to meet that expectation, one of the following options must be approved:
 - (1) internship for at least eight weeks in a Spanish-speaking environment.
 - (2) service learning for at least eight weeks in a Spanish-speaking environment.

Majors and teaching minors are strongly encouraged to take their second Integrative Studies in Arts and Humanities course in Spanish, if this option is available. Any student who cannot complete the required experiential component must enroll in Spanish 492 Senior Writing Project for 1 credit. The completion of the experiential requirement or Spanish 492 satisfies the capstone course requirement for the Spanish major.

- c. The following **Professional Education Courses** in the Department of Teacher Education (36 credits):
 - (1) All of the following courses from the shared professional sequence (18 credits):

	CEP 240	Introduction to Exceptional Learners	3
	TE 101	Social Foundations of Justice and Equity in Education	3
	TE 102	Pedagogy and Politics of Justice and Equity in Education	3
	TE 150	Reflections on Learning	3
	TE 302	Literacy and Adolescent Learners in School and Community Contexts	3

TE	341	Teaching and Learning of (Bi)Multilingual Learners	3
TE	334	Clinical Experiences in World Language Education I	3
TE	434	Clinical Experiences in World Language Education II	3
TE	435	Seminar in World Language Education I	3
TE	436	Seminar in World Language Education II	3
TE	437	Student Teaching Internship in World Language Education	6

Effective Summer 2024.

COLLEGE OF COMMUNICATION ARTS AND SCIENCES

1. Delete the curriculum and degree requirements for the **Bachelor of Arts** degree in **Media and Information** in the Department of Media and Information. The University Committee on Undergraduate Education (UCUE) provided consultative commentary to the Provost after considering this request. The Provost made the determination to discontinue the program after considering the consultative commentary from the University Committee on Graduate Studies.

No new students are to be admitted to the program effective Summer 2021. No students are to be readmitted to the program effective Summer 2021. Effective Summer 2026, coding for the program will be discontinued and the program will no longer be available in the Department of Media and Information. Students who have not met the requirements for the Bachelor of Arts Degree in Media and Information through the Department of Media and Information prior to Summer 2026 will have to change their major.

COLLEGE OF EDUCATION

1. Change the requirements for the **Master of Science** degree in **Kinesiology** in the Department of Kinesiology. The University Committee on Graduate Studies (UCGS) approved this request at its November 20, 2023 meeting.

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

- a. Under the heading **Admission** make the following change:

- (1) Under (d), delete the following:

competitive scores on the Graduate Record Examination

Effective Fall 2024.

2. Change the requirements for the **Doctor of Philosophy** degree in **Kinesiology** in the Department of Kinesiology. The University Committee on Graduate Studies (UCGS) approved this request at its November 20, 2023 meeting.

- a. Under the heading **Admission** make the following change:

- (1) Under (d), delete the following:

competitive scores on the Graduate Record Examination

Effective Fall 2024.

COLLEGE OF NATURAL SCIENCE

1. Change the requirements for the **Bachelor of Science** degree in **Medical Laboratory Science** in the Biomedical Laboratory Diagnostics Program. The University Committee on Undergraduate Education (UCUE) approved this request at its November 9, 2023 meeting.
 - a. Under the heading **Admission** make the following changes:
 - (1) In paragraph one, delete the last sentence:

Students are admitted as Biomedical Laboratory Science major until the application process for Medical Laboratory Science is completed.
 - (2) In paragraph two, replace item 3. with the following:
 3. Have completed BMB 401, MMG 365, MMG 365L, BLD 324, and BLD 434.
 - b. Under the heading **Academic Standards** replace the first sentence with the following:

To progress to the clinical phase of the curriculum, students must earn a grade-point average of 2.50 or higher in MMG 465, MMG 465L, BLD 402, BLD 424, BLD 424L, BLD 430, BLD 435, and BLD 435L.

Effective Spring 2024.

COLLEGE OF SOCIAL SCIENCE

1. Change the requirements for the **Master of Human Resources and Labor Relations** degree in **Human Resources and Labor Relations** in the School of Human Resources and Labor Relations. The University Committee on Graduate Studies (UCGS) approved this request at its November 20, 2023 meeting.
 - a. Under the heading **Admission** replace the entire entry with the following:

To be considered for admission to the master's degree program, a student must have a bachelor's degree and a cumulative grade–point average of 3.00 or higher in the junior and senior years. Applicants may submit scores on the Graduate Record Examination (GRE) General Test or on the Graduate Management Admission Test (GMAT), however the GRE/GMAT scores are optional. Applicants must complete one course in microeconomic principles, one course in statistics, and one course in behavioral sciences at the undergraduate level with a minimum grade of 3.0 in each course. In addition, applicants will be judged on the quality of their statement of objectives and three letters of reference.
- Effective Spring 2024.
2. Change the requirements for the **Master of Public Policy** degree in **Public Policy** in the Department of Political Science. The University Committee on Graduate Studies (UCGS) approved this request at its November 20, 2023 meeting.
 - a. Under the heading **Admission** delete paragraph two:

Applicants must take the Graduate Record Examination (GRE) General Test. Official results from this examination should be sent to the Department of Political Science.

Effective Spring 2024.

3. Delete the curriculum and degree requirements for the **Graduate Specialization in Animal Studies: Social Science and Humanities Perspective** in the Department of Sociology. The University Committee on Graduate Education (UCGS) provided consultative commentary to the Provost after considering this request. The Provost made the determination to discontinue the program after considering the consultative commentary from the University Committee on Graduate Studies.

No new students are to be admitted to the program effective Spring 2022. No students are to be readmitted to the program effective Spring 2022. Effective Fall 2024, coding for the program will be discontinued and the program will no longer be available in the Department of Sociology. Students who have not met the requirements for the Graduate Specialization in Animal Studies: Social Science and Humanities Perspective through the Department of Sociology prior to Fall 2024 will have to change their specialization.

PART II - NEW COURSES

DEPARTMENT OF ECONOMICS

- EC 242 Social Science Data Analytics
Fall of every year. Spring of every year. 3(3-0) P: PLS 202 Not open to students with credit in SSC 442.
Application of computational tools for data collection and visualization to various topics in social science research.
Effective Fall Semester 2024

DEPARTMENT OF HISTORY

- HST 201H Historical Methods and Skills for Honors Students
Fall of every year. Spring of every year. 3(3-0) R: Open to students in the Honors College. Not open to students with credit in HST 201.
- REINSTATEMENT The nature and discipline of history. Introduction to analytical and interpretive reading and writing, historical research, and historical methodologies.
Effective Fall Semester 2024

COLLEGE OF HUMAN MEDICINE

- HM 544 Medical School III
Summer of every year. 14(14-0) A student may earn a maximum of 28 credits in all enrollments for this course. RB: Degree in DDS or DMD R: Open to graduate-professional students in the College of Human Medicine.
The beginning of an interdisciplinary, patient centered experience, integrating necessary biomedical and social sciences and humanities with clinical skills and professional development. Includes history and physical exam basics.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Summer Semester 2024
- HM 549 Medical School V
Spring of every year. 10(10-0) A student may earn a maximum of 20 credits in all enrollments for this course. P: HM 555 RB: Degree in DDS or DMD R: Open to graduate-professional students in the College of Human Medicine.
Continuation of an interdisciplinary, patient centered experience, integrating necessary biomedical and social sciences and humanities with clinical skills and professional development.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Summer Semester 2024

COLLEGE OF NATURAL SCIENCE

- HBIO 410 Cellular Basis of Disease
Spring of every year. 3(3-0) P: (BS 161 or BS 181H or LB 145) and (BS 162 or BS 182H or LB 144)
R: Open to juniors or seniors in the Human Biology Major or in the Lyman Briggs Human Biology Coordinate Major or approval of department. Not open to students with credit in MMG 409.
Exploration of cell biology through the study of human diseases. Application of cell biological concepts and research methods to understand recent advances in cell biology through analysis of primary cell biology literature.
Effective Spring Semester 2024

DEPARTMENT OF NEUROLOGY AND OPHTHALMOLOGY

- NOP 630 Senior Clinical Elective in Neurology
Fall of every year. Spring of every year. Summer of every year. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: HM 556 R: Open to graduate-professional students in the College of Human Medicine.
Clinical diagnosis and treatment of the patient with neurological disease. Intended for students considering application to a Neurology Residency.
Request the use of the Pass-No Grade (P-N) system.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.
Effective Spring Semester 2024

COLLEGE OF NURSING

- NUR 945 Basic Pharmacology for Nurse Anesthesia
Summer of every year. 3(3-0) R: Open to graduate students in the College of Nursing or in the Master of Science in Nursing or in the Nursing Practice Major.
Perioperative pharmaceutical management of altered health states across the lifespan.
Effective Fall Semester 2023
- NUR 946 Principles of Regional Anesthesia and Point-of-Care Ultrasound
Fall of every year. 4(4-0) P: NUR 971 R: Open to doctoral students in the College of Nursing or in the Nursing Practice Major.
Comprehensive instruction in the use of ultrasonography for therapeutic, procedural and diagnostic anesthetic care.
Effective Fall Semester 2023

DEPARTMENT OF PLANT, SOIL AND MICROBIAL SCIENCES

- CSS 815 Statistics for Plant Breeders
Spring of every year. 3(3-0) RB: Undergraduate level statistics course R: Approval of department.
Statistical concepts used in plant breeding. Trait distribution and inheritance patterns.
Interpreting data from case studies.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Spring Semester 2024
- CSS 816 R Modules for Plant Breeders
Summer of every year. 2(2-0) P: CSS 815 RB: Agricultural or plant breeding background R: Approval of department.
Use of R software for obtaining, managing, summarizing, and visualizing plant breeding data. Ethical issues in data science and communication with data.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Summer Semester 2024
- CSS 817 Global Plant Breeding Regulations
Fall of every year. 2(2-0) P: CSS 451 RB: Agricultural or plant breeding background R: Approval of department.
Regulatory approvals in plant breeding, including use of marker-assisted plant breeding, gene editing, and genetic engineering tools. Requirements for approval of development and deployment of biotechnology crops in various countries.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Fall Semester 2024

- CSS 818 Design Thinking and Leadership for Plant Breeders
Fall of every year. 2(2-0) P: CSS 441 RB: Agricultural or Plant breeding background R: Approval of department.
Leadership skills in plant breeding. Design thinking in development of new varieties.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Fall Semester 2024
- CSS 830 Breeding for Quantitative Traits
Summer of every year. 3(3-0) P: CSS 441 R: Approval of department.
Plant breeding theories and approaches for quantitative traits.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Summer Semester 2024
- CSS 831 Breeding for Biotic and Abiotic Stresses
Summer of every year. 3(3-0) P: CSS 441 R: Approval of department.
Tools and technologies to develop crops resistant to biotic and abiotic stresses. Factors that determine the success in developing climate-resilient, disease, and pest-resistant crops.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Summer Semester 2024
- CSS 832 Global Seed Systems
Fall of every year. 3(3-0) RB: Agricultural or plant breeding background R: Approval of department.
Components of agricultural seed systems. Biological, economic, social, and ecological elements impacting agricultural diversity, variety adoption, and genetic conservation.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Fall Semester 2023
- CSS 870 Capstone in Global Plant Breeding
Spring of every year. 3(3-0) P: CSS 815 and CSS 816 and CSS 817 and CSS 818 and CSS 830 and CSS 831 and CSS 832 R: Approval of department.
Development of a breeding strategy in a crop using available tools and technologies by applying knowledge gained from all previous courses and experiences.
Request the use of ET-Extension to postpone grading.
The work for the course must be completed and the final grade reported within 1 semester after the end of the semester of enrollment.
Effective Spring Semester 2025

DEPARTMENT OF PSYCHOLOGY

- PSY 870 Ecological-Community Psychology
Fall of every year. 3(3-0) RB: PSY 815 or concurrently R: Open only to graduate students in the Department of Psychology.
- REINSTATEMENT Theory, methodology and research in experimental ecological approaches to community psychology. Identifying researchable problems and funding. The dynamics of research teams.
Effective Fall Semester 2024
- PSY 871 History and Theory in Ecological-Community Psychology
Fall of every year. 3(3-0) RB: PSY 815 or concurrently R: Open only to graduate students in the Department of Psychology.
- REINSTATEMENT Theoretical perspectives, contemporary problems, philosophies of science, and ethical issues facing the ecological psychologist.
Effective Fall Semester 2024

DEPARTMENT OF THEATRE

THR 315 Drafting for Theatre
 Spring of every year. 3(2-2) P: THR 211
REINSTATEMENT Methods and development of techniques used in theatrical drafting.
 Effective Fall Semester 2024

PART III – COURSE CHANGES

COLLEGE OF ARTS AND LETTERS

- DH 285 ~~Introduction to Digital Humanities~~
Introduction to Digital Studies in the Arts and Humanities
Fall of every year. 3(3-0)
~~Critical technology theory and practice. Critique and analysis of technology. Production and creativity with digital tools. Digital methods for creating and analyzing culture. Creative and humanities research practices using digital approaches. Critiques of digital culture and society.~~
SA: AL 285
~~Effective Fall Semester 2017~~ Effective Fall Semester 2024
- DH 340 ~~Digital Humanities Seminar~~
Digital Studies in Practice
Spring of every year. 3(3-0) P: (DH 285 or approval of college) and completion of Tier I writing requirement
~~Digital humanities issues and research explored from a variety of humanities based perspectives. Collaborative project based course diving into digital arts and humanities practices.~~
SA: AL 340
~~Effective Fall Semester 2017~~ Effective Fall Semester 2024
- DH 450 ~~Digital Humanities Capstone~~
Digital Studies Capstone
Fall of even years. Spring of every year. 3(3-0) P: DH 285 ~~R: Open to undergraduate students in the Digital Humanities Minor.~~
~~Create portfolio and professional documents in preparation for life beyond academia and connect with digital humanities community through lecture and event attendance. Create portfolio and professional documents in preparation for life beyond academia and connect with digital arts and humanities communities through lecture and event attendance.~~
Effective Spring Semester 2023 Effective Fall Semester 2024
- DH 490 ~~Digital Humanities Independent Study~~
Digital Studies Independent Study
Fall of every year. Spring of every year. Summer of every year. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: DH 285 or concurrently R: Approval of department. A student may earn a maximum of 6 credits
Special project, directed reading and research arranged by an undergraduate student and a faculty member in areas supplementing regular course offerings.
~~Effective Fall Semester 2017~~ Effective Fall Semester 2024
- DH 491 ~~Special Topics in Digital Humanities~~
Special Topics in Digital Studies
Fall of every year. Spring of every year. Summer of every year. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. RB: DH 285 or concurrently R: A student may earn a maximum of 6 credits
Special topics supplementing regular course offerings proposed by faculty on group study basis.
~~Effective Fall Semester 2017~~ Effective Fall Semester 2024
- DH 493 ~~Digital Humanities Internship~~
Digital Studies Internship
Fall of every year. Spring of every year. Summer of every year. ~~3 to 4 credits. 1 to 4 credits.~~ A student may earn a maximum of 8 credits in all enrollments for this course. P: (DH 285) and completion of Tier I writing requirement ~~R: Approval of department.~~ R: Approval of department. A student may earn a maximum of 8 credits
~~Supervised preprofessional field experience in digital humanities. Supervised preprofessional field experience in digital studies in the arts and/or humanities.~~
~~Effective Fall Semester 2017~~ Effective Fall Semester 2024

THE ELI BROAD COLLEGE OF BUSINESS

- MBA 841 Studies in the Global Marketplace
~~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 MBA students.
~~Commercial, economic, cultural, and political aspects of global environments. Exposure to leading executives and government representatives in world markets. Comparative framework for competitive strategy in a multi-country context. Participation in international field trip required.~~ Commercial, economic, cultural, and political aspects of global environments. Emphasis on corporate social responsibility. Exposure to leading executives and government representatives in world markets. Comparative framework for competitive strategy in a multi-country context. Participation in international field trip required. Field trip required.
~~Effective Fall Semester 2013~~ Effective Spring Semester 2024

DEPARTMENT OF COUNSELING, EDUCATIONAL PSYCHOLOGY, AND SPECIAL EDUCATION

- CEP 824 Programming Concepts for K12 Educators
~~Fall of every year.~~ Spring of every year. 3(3-0)
Fundamental concepts of programming, computing, and computing systems for K12 educators. Instruction of computer science in K12 settings and subject areas.
~~Effective Fall Semester 2018~~ Effective Spring Semester 2024
- CEP 833 Creativity in K12 Computing Education
~~Spring of every year.~~ Summer of every year. 3(3-0)
Intersections between creativity and computing in cross-disciplinary K12 contexts and subject areas.
~~Effective Fall Semester 2018~~ Effective Summer Semester 2024
- CEP 943 ~~Multicultural Issues in Special Education~~
Sociocultural, Multicultural, and Critical Perspectives in Special Education
Fall of odd years. 3(3-0) ~~R: Open only to doctoral students in the Special Education major.~~ R: Open to doctoral students.
Relationships among race, gender, culture, social class, and disability. Individual, group and societal responses to disability. Anthropological, social and psychological theories about origins of cultural diversity.
~~Effective Summer Semester 1997~~ Effective Fall Semester 2024

SCHOOL OF CRIMINAL JUSTICE

- CJ 491 Topics in Criminal Justice (W)
Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. ~~P: (CJ 292) and completion of Tier I writing requirement~~ P: (CJ 292 or PSY 395) and completion of Tier I writing requirement R: Open to juniors or seniors in the Criminal Justice Major.
Special issues in criminal justice.
~~Effective Fall Semester 2021~~ Effective Spring Semester 2024
- CJ 809 Issues in Criminal Justice
Fall of every year. Spring of every year. Summer of every year. 1 to 4 credits. ~~A student may earn a maximum of 20 credits in all enrollments for this course.~~ A student may earn a maximum of 9 credits in all enrollments for this course. ~~R: Open only to master's students in the School of Criminal Justice or to doctoral students in the Social Science Criminal Justice major.~~ R: Open to graduate students in the School of Criminal Justice.
Special issues in criminal justice research and management.
~~Effective Summer Semester 2006~~ Effective Spring Semester 2024

DEPARTMENT OF FISHERIES AND WILDLIFE

- FW 423 Principles of Fish and Wildlife Disease
Fall of odd years. 3(3-0) Interdepartmental with Large Animal Clinical Sciences. ~~P: (BS 162 and BS 172) or (BS 182H and BS 192H) or LB 144~~ P: BS 162 or BS 182H or LB 144 RB: Additional course work in ecology, zoology, microbiology or environmental science. R: Open to juniors or seniors or graduate students in the College of Agriculture and Natural Resources or in the College of Natural Science or in the College of Veterinary Medicine or approval of department.
Diseases of fish and wildlife species. Disease detection and diagnosis. Ecological and epidemiological analysis and management of major classes of wildlife diseases.
Threatened and endangered species, game species, and fish and wildlife species that serve as vectors or reservoirs of human and domestic animal diseases.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- FW 463 Wildlife Disease Ecology
Spring of even years. 3(3-0) Interdepartmental with Large Animal Clinical Sciences. ~~P: IBIO 355 or approval of department~~ P: BS 162 or approval of department ~~RB: (FW 423) or additional course work in integrative biology, microbiology and environmental sciences.~~ RB: ((IBIO 355 or concurrently) and FW 423) or additional course work in integrative biology, microbiology and environmental sciences. R: Open to juniors or seniors or approval of department. Not open to students with credit in FW 863.
Role of wildlife disease in ecological interactions. Factors underlying pathogen emergence. Disease modeling. Conservation medicine.
~~Effective Fall Semester 2016~~ Effective Spring Semester 2024

DEPARTMENT OF GEOGRAPHY, ENVIRONMENT, AND SPATIAL SCIENCES

- GEO 401 Global Plant Geography
Fall of odd years. 3(3-0) P: GEO 201 or FOR 101 or FOR 204 or PLB 218 or IBIO 355 or approval of department
Patterns of global plant distributions. Plant-atmosphere interactions, ecological processes, biogeographic patterns and predictive models of plant distributions.
DELETE COURSE
Effective Fall Semester 2023
- GEO 408 Soil Geomorphology
Fall of odd years. 4(3-2) P: CSS 210 or GEO 306 or GLG 201 or GEO 206 or ISP 203A or ISP 203B or ISP 203L or approval of department
Soil formation and its relationship to landforms and landscapes. Common geographic relationships among soils, landforms, and vegetation. Description, analysis, and genesis of soils, surficial processes and landscapes.
DELETE COURSE
Effective Fall Semester 2023
- GEO 418 The Ghetto
Fall of odd years. 3(3-0) Interdepartmental with Urban Planning.
Analysis of the ghetto including its spatial organization and structure. Distribution of racial and ethnic populations. Emphasis on U.S. cities.
DELETE COURSE
Effective Fall Semester 2023
- GEO 459 Tourism in Regional Development
Fall of odd years. 3(3-0) RB: GEO 259
The role of tourism in regional development. Examples from Michigan, the United States and other nations. Environmental considerations.
DELETE COURSE
Effective Fall Semester 2023

DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

- HDFS 225 Lifespan Human Development in the Family
Fall of every year. Spring of every year. Summer of every year. 3(3-0) Not open to students with credit in PSY 238.
Human development in the family and across the lifespan with an ecological perspective. Relationships between human resource professionals and family systems.
SA: FCE 225
~~Effective Summer Semester 2014~~ Effective Spring Semester 2024

CENTER FOR INTEGRATIVE STUDIES IN SOCIAL, BEHAVIORAL AND ECONOMIC SCIENCES

- ISS 305 Evaluating Evidence: Becoming a Smart Research Consumer (N)
Fall of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 204~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Statistical and methodological principles from the perspective of a critical consumer of social science research results. Recognizing non-empirical assertions, necessary bases for inferring relationships and causal relationships, common threats to research validity, and pertinent biases in human judgment.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 310 People and Environment (I)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 204~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Contemporary issues related to the interaction of socio-cultural and ecological systems. Global, regional, national and local environmental problems and responses.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 315 Global Diversity and Interdependence (I)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 204~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Contemporary issues in global political economy. Social forces and competing ideologies in a world context. Global resource distribution and development strategies. National identities and transnational linkages. First and Third World dichotomies.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 318 Lifespan Development Across Cultures (I)
Fall of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 204~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Cultural aspects of biopsychosocial development across the lifespan. Physical development, health and healing. Cognition and language socialization. Views of self, gender, family, and social relationships. Adult development and intergenerational relationships within the context of culture. National and international issues related to human development.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 320 World Urban Systems (I)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 204~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Patterns of urbanization in various areas of the world over time. Linkage within and between urban centers. Economic, political and social/behavioral accommodation and adaptation to urban growth and change.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024

- ISS 325 War and Revolution (I)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Social conflict, wars and revolutions. Patterns of individual and collective action. Violence and conflict resolution.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 327 Risk and Society (D)
Fall of every year. Spring of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Assessment, management, and communication of risk. Role of media in amplifying risk. Topics may include gangs, terrorism, health, stock markets, job markets, sports, food, and traffic. Similarities and differences in understanding risk among scientists and the public, and between natural and social scientists.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 328 The Social Science of Sports (I)
Fall of every year. Spring of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Contemporary issues in sports. Critical examination of the industrial organization, public finance, labor relations, earnings, discrimination, and historical context of sports in society. Analysis of sports gambling, performance enhancement, and strategic decision-making.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 330A Africa: Social Science Perspectives (I)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Comparative study of geography, cultures, politics, and economies of Africa. Diversity and change.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 330B Asia: Social Science Perspectives (I)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Comparative study of geography, cultures, politics, and economies of Asia. Diversity and change.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 330C Latin America: Social Science Perspectives (I)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Comparative study of geography, cultures, politics, and economies of Latin America. Diversity and change.
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024
- ISS 335 National Diversity and Change: United States (N)
Fall of every year. Spring of every year. Summer of every year. 4(4-0) ~~P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201~~ P: ISS 210 or ISS 215 or ISS 220 or ISS 225 or ISS 230 or ISS 235 or MC 201 or ISS 205 R: Open to sophomores or juniors or seniors.
Racial, ethnic, class, gender, and other forms of diversity in the United States. Systems of dominant-minority relations and forms of prejudice and discrimination. Scope of and responses to group inequalities.
SA: ISS 335A
~~Effective Fall Semester 2014~~ Effective Spring Semester 2024

DEPARTMENT OF NEUROLOGY AND OPHTHALMOLOGY

NOP 617

~~Neurology Clerkship~~

Clinical Experience in Neurology

Fall of every year. Spring of every year. Summer of every year. ~~2 to 12 credits. 3 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. A student may earn a maximum of 6 credits in all enrollments for this course.~~ P: HM 556 ~~RB: MED 608 R: Open only to graduate-professional students in College of Human Medicine.~~ R: Open to graduate-professional students in the College of Human Medicine.

~~Office and inpatient experience. Evaluation and management of neurological disease. Clinical diagnosis and treatment of the patient presenting with a neurological concern.~~

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.

~~SA: MED 617~~

~~Effective Summer Semester 2004~~ Effective Spring Semester 2024

DEPARTMENT OF PEDIATRICS AND HUMAN DEVELOPMENT

PHD 604

Neonatology

Fall of every year. Spring of every year. Summer of every year. ~~6 to 12 credits. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: PHD 600 RB: PHD 641 R: Open only to graduate-professional students in College of Human Medicine.~~ R: Open to graduate-professional students in the College of Human Medicine.

Clinical experiences: modern neonatal techniques and care patterns for neonates including follow up.

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

Request the use of ET-Extension to postpone grading.

The work for the course must be completed and the final grade reported within 2 semesters after the end of the semester of enrollment.

~~Effective Fall Semester 1995~~ Effective Spring Semester 2024

DEPARTMENT OF PLANT, SOIL AND MICROBIAL SCIENCES

CSS 865

~~Environmental Fate of Organic Contaminants in Soils~~

Environmental Organic Chemistry

Spring of even years. 3(3-0) ~~RB: Undergraduate level coursework in general and organic chemistry, and introductory microbiology RB: Students with an environmental science background and course training in general or organic chemistry~~

~~Chemistry and biology of toxicants in soils as determinants of environmental fate. Fate and transformation of organic contaminants in the environment~~

~~Effective Fall Semester 2013~~ Effective Spring Semester 2024

DEPARTMENT OF PSYCHOLOGY

PSY 853

~~Behavior Disorders~~

Psychological Disorders

Fall of every year. 3(3-0) ~~R: Open only to graduate students in the Department of Psychology.~~ R: Open to graduate students in the Department of Psychology.

~~Classification, description, and etiology of behavior disorders. Conceptual models, epidemiology, and review of major diagnostic classification systems. Classification, description, and etiology of psychological disorders. Conceptual models, epidemiology, and review of major diagnostic classification systems.~~

~~Effective Fall Semester 2005~~ Effective Fall Semester 2024

SCHOOL OF SOCIAL WORK

- SW 822 Topics in Policy Practice and Advocacy
Spring of every year. 3(3-0) ~~P: SW 842B or SW 820~~ P: SW 820 R: Open to graduate students in the School of Social Work.
Exploration of specific target populations or areas of need and related public policies. Information and skills for policy practice and advocacy.
~~Effective Fall Semester 2017~~ Effective Spring Semester 2024
- SW 830 Social Work Research Methods II
Fall of every year. Spring of every year. Summer of every year. 2(2-0) ~~P: SW 820 or SW 842B~~ P: SW 820 RB: One introductory research methods course and one introductory data analysis course.
R: Open to graduate students in the School of Social Work.
Foundation of research skills and methodologies. Evidence-based practice. Literature reviews. Advanced single system designs. Experimental and quasi-experimental research designs. Measurement and sampling.
~~Effective Fall Semester 2017~~ Effective Spring Semester 2024
- SW 843 Clinical Assessment and Diagnosis
Fall of every year. Spring of every year. Summer of every year. 2(2-0) ~~P: (SW 840 or concurrently) or (SW 842B or concurrently)~~ P: SW 840 or concurrently R: Open to graduate students in the School of Social Work. ~~Not open to students with credit in SW 843.~~
Biopsychosocial disturbances and clinical assessment. Social work perspectives of the person-in-environment as related to maladaptive behavior and psychosocial disorders. Cultural perspectives, including gender, age, and minority status in relation to psychological and behavior disorders.
~~Effective Fall Semester 2017~~ Effective Spring Semester 2024
- SW 850 Clinical Social Work Practice I
Fall of every year. 3(3-0) ~~P: (SW 841 or SW 842B) and (SW 803B or SW 804B)~~ P: (SW 841) and SW 894B ~~R: Open to master's students in the School of Social Work or approval of school.~~ R: Open to master's students in the School of Social Work or in the Master of Social Work in Clinical Social Work - One Year Program or approval of school.
Theoretical base of advanced clinical social work practice with individuals and groups. Evidence-based and culturally sensitive intervention strategies and techniques. Professional development and use of self to enhance clinical effectiveness.
~~Effective Summer Semester 2020~~ Effective Spring Semester 2024
- SW 865 Social Work Leadership in Organizations
Fall of every year. Lansing, Lansing, Lansing 3(3-0) ~~P: (SW 841 or SW 842B) and (SW 803B or SW 804B)~~ P: (SW 841) and SW 894B R: Open to master's students in the School of Social Work or approval of school.
Knowledge and skills to promote change in programs and organizations using adaptive leadership.
~~Effective Summer Semester 2020~~ Effective Spring Semester 2024

DEPARTMENT OF TEACHER EDUCATION

- TE 496 Becoming a School Music Teacher
Fall of every year. Spring of every year. 3(2-3) R: Open to seniors in the Music Education Major. Not open to students with credit in TE 801 or TE 803. C: MUS 495 concurrently.
Teachers' professional and ethical responsibilities. Relations of teachers to colleagues, families, social service providers and community leaders. Teacher's role in school governance and accountability.
~~DELETE COURSE~~
Effective Fall Semester 2024