Liberal Education Program (LEP) 2016-2017
The Liberal Education Core requires a maximum of 39 credits of course work; however, a single course can be used to satisfy multiple requirements, reducing the total number of credits.

Part I. Language and Reasoning Skills (9 credits)
- Writing and Information Literacy -WRIT 1120 (3 credits)
- Oral Communication and Languages (3 credits)
- Logic and Quantitative Reasoning (3 credits)

Part II. Knowledge Domains (21 credits)
- Natural Sciences (6 credits, 2 designators, 1 lab)
- Social Sciences (6 credits, 2 designators)
- Humanities (6 credits, 2 designators)
- Fine Arts (3 credits)

Designator means course subject area or prefix. Two designators would mean taking 2 different subjects. For example, taking a Biology (BIOL) course and a Chemistry (CHEM) course in your natural science area.

Part III. Key Topics (9 credits)
- Global Perspectives (3 credits)
- Cultural Diversity in the US (3 credits)
- Sustainability (3 credits)

Courses that also apply towards other topics are noted as follows:

G Course may also fulfill the Global Perspectives category.
CD Course may also fulfill the Cultural Diversity in the U.S. category.
N Course may also fulfill the Natural Sciences category.
S Course may also fulfill the Social Sciences category.
H Course may also fulfill the Humanities category.
F Course may also fulfill the Fine Arts category.

Liberal Education credit is NOT applied retroactively. If a student took a non-liberal education course, and the course was subsequently approved for liberal education credit the student DOES NOT receive liberal education credit retroactively. Petitions requesting approval will be denied. Students do have the option of changing their liberal education catalog year, if they choose, upon the advice of their advisor.

Minnesota Transfer Curriculum (MnTC)
Students intending to transfer within Minnesota and who wish to fulfill the MnTC must satisfy the 10 specific competencies of the MTC. The list of UMD courses that can be used to do this is available from the UMD Office of Financial Aid and Registrar (139 Darland Administration Building, UMD, Duluth, MN 55812 or online at www.d.umn.edu/registrar/mtc.htm). A maximum of 10 credits S-N and a maximum of three S-N credits in any one category may be applied to the LEP or MnTC.

Liberal Education Categories and Courses

Writing and Information Literacy
Course develops students’ skills in written communication as well as information access and use.

Writ 1120 College Writing (3)

Oral Communication and Languages – 3 credits
Courses in this category focus on the knowledge and skills of effective oral communication and/or language competence in languages other than English.

AMIN 1103 Introduction to the Ojibwe Language (3)
AMIN 1104 Beginning Ojibwe II (3)
AMIN 2103 Intermediate Ojibwe I (3)
AMIN 2104 Intermediate Ojibwe II (3)
ASL 2001 Beginning American Sign Language I (3)
ASL 2002 Beginning American Sign Language II (3)
ASL 3003 Intermediate American Sign Language I (3)
ASL 3004 Intermediate American Sign Language II (3)
ASL 4005 Advanced American Sign Language (3)
CHE 3211 Chemical Engineering Lab I (3)
CHIN 1101 Beginning Chinese I (4)
CHIN 1102 Beginning Chinese II (4)
CHIN 1103 Beginning Chinese III (4)
CHIN 1104 Beginning Chinese IV (4)
CHIN 1201 Intermediate Chinese I (4)
CHIN 1202 Intermediate Chinese II (4)
COMM 1112 Public Speaking (3)
COMM 1222 Interpersonal Communication (3)
COMM 1511 Honors: Public Speaking (3)
FORS 1110 RUSS 1110 Beginning Russian Lang & Culture (8)
FORS 1210 RUSS 1210 Intermediate Russian Lang & Culture (8)
FR 1101 Beginning French I (4)
FR 1102 Beginning French II (4)
FR 1201 Intermediate French I (4)
FR 1202 Intermediate French II (4)
FR 2301 Advanced French (4)
FR 3302 Advanced French Composition and Conversation (4)
GER 1101 Beginning German I (4)
GER 1102 Beginning German II (4)
GER 1201 Intermediate German I (4)
GER 1202 Intermediate German II (4)
GER 2301 Advanced German (4)
GER 2500 German Business Culture (4)
GER 3302 Advanced German Composition and Conversation (4)
LANG 1101 Beginning Foreign Language I (4)
LANG 1102 Beginning Foreign Language II (4)
LANG 1201 Intermediate Foreign Language I (4)
LANG 1202 Intermediate Foreign Language II (4)
PHIL 1005 Philosophy through Dialogue and Debate (3)
**Logic and Quantitative Reasoning – 3 credits**
Courses in this category develop students’ logic and/or quantitative reasoning skills and enable them to apply these skills to a variety of everyday situations.

- COMM 1600 Argumentation and Debate: A Practical Approach (3)
- CS 1101 Introduction to Web Programming (3)
- CS 1121 Introduction to Programming in Visual BASIC (3)
- CS 1301 Introduction to 3D Game Development (4)
- CS 1511 Computer Science I (5)
- CS 1581 Honors: Computer Science I (5)
- CS 2121 Introduction to Programming in Java (3)
- ECON 2030 Applied Statistics for Business and Economics (3)
- GEOG 2552 Introduction to Maps and Geospatial Information (3)
- LING 1811 Introduction to Linguistics (3)
- MATH 1024 Introduction to Contemporary Mathematics (3)
- MATH 1140 Mathematics for Elementary Education I (3)
- MATH 1160 Finite Mathematics and Introduction to Calculus (5)
- MATH 1250 Precalculus Analysis (4)
- MATH 1290 Calculus for the Natural Sciences (5)
- MATH 1296 Calculus I (5)
- MATH 1297 Calculus II (5)
- MATH 1596 Honors: Calculus I (5)
- MATH 1597 Honors: Calculus II (5)
- MU 1121 Tonal Harmony II – effective spring 2017 (3)
- PHIL 1008 Critical Thinking (4)
- PHIL 1018 Logic (4)
- POL 2700 Methodology and Analysis (4)
- STAT 1411 Introduction to Statistics (3)
- STAT 2411 Statistical Methods (3)

**Natural Sciences - 6 credits, 2 designators, 1 lab**
Courses in this category focus on the observation, identification, description, experimental investigation, and theory of natural phenomena, including methods of natural scientific investigation. **Students must complete one course with a lab component.**

- AST 1040 Introductory Astronomy (3)
- BIOL 1001\(^a\) Introductory Biology (4)
- BIOL 1011 General Biology I (with lab) (5)
- BIOL 1013 General Biology I for SCSE majors (with lab) (5)
- BIOL 1087 Freshman Seminar: Darwinian Medicine (3)
- BIOL 1094 Freshman Seminar: Northern Stream Ecosystems (3)
- BIOL 2401 Evolution in England (4)
- BIOL 2763\(^CD\) Biology of Women (2)
- CHEM 1103 Aspects of Chemistry (3)
- CHEM 1104 Aspects of Chemistry Lab (with lab) (1)
- CHEM 1113 General, Organic, Biological Chemistry (with lab) (5)
- CHEM 1153 General Chemistry I (4)
- CHEM 1154 General Chemistry Lab I (with lab) (1)
- CHEM 1173 General Chemistry I for Majors (4)
- CHEM 1174 General Chemistry Lab I for Majors (1)
- CHEM 2212\(^S\) Environmental Chemistry (with lab) (4)
- FORS 2401 BIOL 2401 Evolution in England (4)
- GEOG 1414 Physical Geography (with lab) (4)
- GEOL 1110 Geology and Earth Systems (with lab) (4)
- GEOL 1120 Life and Death of the Dinosaurs (3)
- GEOL 1130 Introduction to Environmental Science (with lab) (4)
- GEOL 1610 Oceanography (3)
- GEOL 2350 Earth’s Resources (3)
- HLTH 1470 Human Nutrition (3)
- PHIL 1025 Introduction to Cognitive Science (3)
- PHYS 1001 Introduction to Physics I (with lab) (5)
- PHYS 1011 Conceptual Physics (3)
- PHYS 1033 Cosmology, String Theory, Death of the Universe (3)
- PHYS 1035 Energy (3)
- PHYS 2013 General Physics I (4)
- PHYS 2014 General Physics I Lab (1)
- PHYS 2017 Honors: General Physics I (4)
- AMIN 2210\(^CD\) American Indian Politics (3)
- AMIN 2405\(^CD\) American Indian Families and Society (3)
- AMIN 3206\(^CD\) Federal Indian Policy (3)
- AMIN 3230\(^CD\) American Indian Tribal Government & Law (3)
- AMIN 4230\(^CD\) Introduction to Federal Indian Law (3)
- ANTH 1080\(^GP\) Understanding Global Cultures (4)
- ANTH 1602 Biological Anthropology and Archaeology (4)
- ANTH 1604 Cultural Anthropology (4)
- ANTH 1612 Introduction to Archaeology (4)
- COMM 1000 Human Communication Theory (3)
- COMM 1010 Persuasion (3)
- COMM 2101 Foundations of Mass Communication (3)
- COMM 3520 Media Effects (3)
- CRIM 1301 Introduction to Criminology (4)
- CSD 2230\(^CD\) Introduction to Human Communication Disorders (3)
- ECH 2025 Educating the Human Brain (3)
- ECON 1003 Economics and Society (3)
- ECON 1022 Principles of Economics: Macro (3)
- ECON 1023 Principles of Economics: Micro (3)
GEOG 1304 Human Geography (3)
GEOG 2313 Economic Geography (3)
IE 3125 Engineering Economic Analysis (3)
LING 2600 Language in Society effective spring 2017 (3)
PHAR 3206 Issues in Health Literacy and Communication (3)
PHIL 2011 Philosophy of Language (3)
POL 1011 American Government and Politics (3)
PSY 1003 General Psychology (4)
PSY 2021CD Developmental Psychology (4)
SOC 1080 Development of Social Selves (3)
SOC 1101CD Introduction to Sociology (4)
SOC 1201CD Sociology of the Family (3)
SOC 3330CD The American Civil Rights Movement (3)
SOC 3701 Social Psychology (3)
SW 1000 Introduction to Social Welfare (3)
SW 1210GP Global Issues (3)
SW 1212GP Honors Seminar: Global Issues (3)
SW 1619 Race, Class, and Gender in the United States (3)
SW 4280 Substance Use Trends/Inventions (3)
TAG 3206CD American Indian Tribal Government & Law (3)
TAG 4230CD Introduction to Federal Indian Law (3)
URS 1001GP World Cities (3)
WS 1000CD Introduction to Women's and Gender Studies (3)
WS 2101CD Women, Race, and Class (3)
WS 3000GP Transnational Perspectives on Feminism (3)

**Humanities – 6 credits, 2 designators**

Courses in this category focus on those branches of knowledge concerned with human thought and culture, including methods of inquiry typically used in humanistic study.

AMIN 1020CD American Indian Experiences 1900-present (3)
AMIN 1606CD Introduction to American Indian Literature (3)
AMIN 3660CD American Indian Novel (3)
AMIN 4630CD American Indians and the Media (3)
AMIN 4640CD American Indians in the Movies (3)
ARTH 1303GP History of World Art I (3)
ARTH 1304 History of World Art II (3)
ARTH 1305GP Survey of Non-Western Art (3)
ARTH 1400 Paris in the Age of Impressionism: Honors Seminar (3)
ARTH 2300 City as a Work of Art (3)
ARTH 2390CD American Art of the 20th Century (3)
ARTH 3330 Renaissance Painting & Sculpture (3)
BLAW 2001 The Legal Environment (3)
CE 1000 History of Structures (3)
CHIN 3042GP Chinese Cultures (4)
COMM 1500 Media and Society (3)
COMM 3610 Philosophy and Rhetoric (3)
CS 3111 Computer Ethics (4)
EDUC 1101 Education in Modern Society (3)
ENGL 1001 Great American Authors (3)
ENGL 1101 Literary Appreciation (3)
ENGL 1535 King Arthur in History, Literature and Art (4)
ENGL 1575 20th Century Literature (4)
ENGL 1582GP Introduction to World Literatures (4)
ENGL 1583GP Topics in Contemporary African Literature (3)
ENGL 1585GP Australian and New Zealand Literature & Culture (4)
ENGL 1666 Tales of Terror (4)
ENGL 1801 Freshman Seminar: American Gothic (4)
ENGL 1803 Freshman Seminar: Unseen Reality (4)
ENGL 1805 Freshman Seminar: Satire and Humor (4)
ENGL 1907 Introduction to Literature (3)
ENGL 2571GP Contemporary Literature (4)
ENGL 2581 Women Writers (4)
ENGL 3223 Shakespeare (4)
ENGL 3501 British Literature I (4)
ENGL 3502 British Literature II (4)
ENGL 3563CD American Literature I (4)
ENGL 3564CD American Literature II (4)
ENGL 3573CD Survey of African American Literature (4)
FR 2315 French Cinema (4)
FR 3310 Survey: Essays, Short Stories, and Poetry (4)
FR 3905 Autobiography in French Literature and Cinema (4)
FR 4018GP Studies in Francophone Cultures and Literature (4)
FR 4412GP Contemporary French Culture and Society (4)
FR 4422 20th Century Novel (4)
FR 4472 French Classical Literature (4)
FR 4492 19th Century Novel (4)
GER 2040 Berlin: Myth, Legend and Reality (3)
GER 2402 Germany Today (3)
GER 3401 Introduction to Literary Studies (4)
GER 3601 German Studies I (4)
GER 3602 German Studies II (4)
GER 4302 German Women Writers and Filmmakers (4)
GER 4305 German Cinema (4)
GER 4404GP Contemporary Germany (4)
GER 4502 German Modernisms: from Vienna to Berlin (4)
HIST 1027 Introduction to Islam (3)
HIST 1200GP World History to 1500 GP effective spring 20017 (3)
HIST 1207 Dawn of Modern Europe (3)
HIST 1208 Europe in the Modern Age (3)
HIST 1304 US History, Part I: 1607-1877 (3)
HIST 1305 US History, Part II: 1865-Present (3)
HIST 1400GP Modern World History GP effective spring 20017 (3)
HIST 2345 Science and Society: 1500-Present (3)
HIST 2515 Pre-Colonial Africa (3)
HIST 3235 History and Soccer: The Rise of the World Game (3)
LANG 2050 The Digital Humanities: Language as Interface (4)
PHIL 1001 Introduction to Philosophy (3)
PHIL 1003CD Ethics and Society (3)
PHIL 1007GP Philosophy and World Religions (3)
PHIL 1021 Classical Mythology (3)
PHIL 2001  Existential Literature (3)
PHIL 2021  Science and Pseudo-Science (3)
PHIL 3242  Values and Technology (3)
PHIL 3325  Environmental Ethics (4)
POL 1610  Introduction to Political Theory (3)
RUSS 2316  19th Century Russian Literature in Translation (4)
RUSS 3402  20th Century Russian Literature in Translation (4)
SPAN 2093  Spanish Historical Film and Fiction in Translation (4)
SPAN 2540  Latino Literatures and Cultures (3)
SPAN 3042  Hispanic American Civilisation and Culture (4)
SPAN 3044  Spanish Civilization and Culture (4)
SPAN 4011  Hispanic American Prose (4)
SPAN 4013  Hispanic American Poetry and Drama (4)
SPAN 4018  Hispanic America From Within (4)
SPAN 4019  Seminar: Hispanic America in the 21st Century (4)
SPAN 4022  Medieval to Early Modern Spain (4)
SPAN 4027  Modern Spanish Literature and Culture (4)
SPAN 4028  Literature/Culture of Spain 19th Century to Present (4)
SPAN 4090  Aspects of the Hispanic World (4)
TH 1071  Musical Theatre History (3)
TH 4801  History of the Theatre I (3)
WRT 1506  Literacy, Technology, and Society (3)
WS 3100  Feminist Thought (4)
WS 3300  Women and Spirituality (3)

**Fine Arts – 3 credits**
Courses in this category focus on students' abilities to think and act with creativity, demonstrating intellectual curiosity, imagination and flexibility, including methods of inquiry used in the aesthetic appreciation of static and kinetic fine art.

AMIN 2605  Survey of American Indian Arts (3)
ANTH 3641  The City in Film (4)
ART 1001  Art Today (3)
ART 1002  Introduction to Art (3)
ART 1003  Introduction to Design (3)
ART 1009  Fundamentals of Drawing (3)
ART 1105  Fundamentals of Painting (3)
ART 1305  Social Multiples: Availability and Circulation (3)
ART 1306  Fundamentals of Screenprinting (3)
ART 1405  Fundamentals of Ceramics I (3)
ART 1605  Fundamentals of Photography (3)
ART 1814  Creating Across Cultures (3)
ART 1900  Visual Literacy (3)
ART 2810  Art in Elementary Education (3)
ART 3405  Fundamentals of Ceramics II (3)
ARTH 2815  Women Artists in History (3)
DN 1001  Introduction to the World of Dance (3)
DN 1101  Modern Dance Technique I (2)
DN 1110  Jazz Dance Fundamentals (2)
DN 1111  Jazz Dance Technique I (2)
DN 1131  Ballet Technique I (2)
FA 1102  Creating Art (3)
GER 2315  German Film: History and Analysis (4)
GER 3403  Page & Stage: German Theater and Performance (4)
MU 1001  Introduction to Music GP effective spring 2017 (3)
MU 1004  Music in Film (3)
MU 1005  Jazz Studies (3)
MU 1006  Music and the Brain (3)
MU 1501  Concert Band (1)
MU 1502  Symphonic Wind Ensemble (1)
MU 1503  Symphony Orchestra (1)
MU 1504  Chamber Orchestra (1)
MU 1505  Jazz Ensemble (1)
MU 1510  Concert Chorale (1)
MU 1511  University Singers (1)
MU 1512  Chamber Singers (1)
MU 1513  Vocal Jazz Ensemble (1)
MU 2001  Ethnic and Folk Music of the World (3)
MU 2003  Survey of American Music CD effective spring 2017 (3)
MU 2005  African Roots of American Music (3)
RUSS 3405  Film and New Media in Russian Society (4)
SPAN 4017  Hispanic American Cinema and Culture (4)
SPAN 4030  Cinema and Culture of Spain (4)
TH 1001  Introduction to Theatre Arts (3)
TH 1051  Introduction to Film (3)
TH 1111  Introduction to Acting (3)
TH 3871  Playwriting (3)

**Global Perspectives – 3 credits**
Courses in this category focus on issues facing at least one country other than the United States, with an emphasis on shifts in cultural, economic, political, and social relationships.

Successful completion of one of the following Study Abroad Programs substitutes for the Global Perspectives category within the Liberal Education Program:
- Approved UMD or UMD-affiliate long-term programs (semester or year-long)
- Approved UMD short term programs (less than a semester, typically 3 weeks long)
- Approved UMD-affiliate short-term programs that include a Global Perspectives Education course listed in the UMD Study Abroad Foreign Course database.

AAAS 1103  Introduction to Africa (3)
AMIN 3430  Global Indigenous Studies (3)
AMIN 4250  American Indian Diplomacy (3)
ANTH 1080  Freshman Seminar: Understanding Global Cultures (4)
ANTH 1604  Cultural Anthropology (4)
ANTH 3300  Energy, Culture and Society (4)
ARTH 1303  History of World Art I (3)
ARTH 1305  Survey of Non-Western Art (3)
CHIN 3042  Chinese Cultures (4)
COMM 3625  Rhetoric of Globalization (3)
CUE 1001  Culture Industry and Creative Economy (3)
EDUC 1103  Introduction to Africa (3)
EHS 1000  Into the World (3)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>ENGL 1582H</td>
<td>Introduction to World Literatures</td>
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<td>ENGL 1583H</td>
<td>Topics in Contemporary African Literature</td>
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<td>ENGL 1585H</td>
<td>Australian and New Zealand Literature and Culture</td>
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<td>ENGL 2571H</td>
<td>Contemporary Literature</td>
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<td>FR 4018H</td>
<td>Studies in Francophone Cultures and Literature</td>
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<td>FR 4412H</td>
<td>Contemporary French Culture and Society</td>
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<td>GEOG 1202</td>
<td>World Regional Geography</td>
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<td>GEOG 2360</td>
<td>Geography of Religion</td>
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<td>GER 4404H</td>
<td>Contemporary Germany</td>
<td>4</td>
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<tr>
<td>HIST 1200H</td>
<td>World History to 1500 effective spring 2017</td>
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<td>HIST 1400H</td>
<td>Modern World History effective spring 2017</td>
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<td>HIST 2365</td>
<td>Russia in the 20th Century</td>
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<td>HLTH 4100</td>
<td>Historical Perspective of Community Health</td>
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<td>INTB 4211</td>
<td>Innovation in Ireland</td>
<td>3</td>
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<td>INTS 1010</td>
<td>Introduction to International Studies</td>
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<td>JOUR 2400</td>
<td>Community and Journalism</td>
<td>3</td>
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<td>LGBT 3151</td>
<td>Queer Cinema</td>
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<td>LGBT 3152</td>
<td>International Homosexual Movement</td>
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<td>MU 1001FA</td>
<td>Introduction to Music effective spring 2017</td>
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<td>PHIL 1007H</td>
<td>Philosophy and World Religions</td>
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<td>POL 1050</td>
<td>International Relations</td>
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<td>POL 1500</td>
<td>Introduction to Comparative Politics</td>
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<td>PSY 2023</td>
<td>Marriages and Families Worldwide</td>
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<td>RUSS 3402H</td>
<td>20th Century Russian Literature</td>
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<td>RUSS 3405FA</td>
<td>Film and New Media in Russian Society</td>
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<td>SPAN 2093H</td>
<td>Spanish Historical Film and Fiction in Translation</td>
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<td>SPAN 3042H</td>
<td>Hispanic American Civilization and Culture</td>
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<td>SW 1210SS</td>
<td>Global Issues</td>
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<td>SW 1212SS</td>
<td>Honors Seminar: Global Issues</td>
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<td>TAG 4250</td>
<td>American Indian Diplomacy</td>
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<td>URS 1001H</td>
<td>World Cities</td>
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<td>WS 3000SS</td>
<td>Transnational Perspectives on Feminism</td>
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<td>WS 3001</td>
<td>Gender Relations in the Global South</td>
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<td>WS 3200</td>
<td>Women’s Autobiographies</td>
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<tr>
<td>WS 3250</td>
<td>Women, Peace, and War</td>
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<td>WS 3301</td>
<td>Women and Religion</td>
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<td>WS 3400</td>
<td>Women and Film</td>
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<tr>
<td>WS 3750</td>
<td>Voices of African Women</td>
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</table>

**Cultural Diversity in the United States – 3 credits**

Courses in this category focus on the culturally complex social fabric of the United States to help students enhance their abilities to interact with the diverse groups that make up our nation.

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<th>Course Title</th>
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<td>AAAS 1102</td>
<td>Introduction to Atlantic Slave Trade</td>
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<td>AAAS 1104</td>
<td>Introduction to Black America</td>
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<tr>
<td>AMIN 1001</td>
<td>Introduction to American Indian Studies</td>
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<td>AMIN 1010</td>
<td>American Indian Experience 1900</td>
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<td>AMIN 1020H</td>
<td>American Indian Experience 1900-present</td>
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<tr>
<td>AMIN 1606H</td>
<td>Introduction to American Indian Literature</td>
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<td>AMIN 2210SS</td>
<td>American Indian Politics</td>
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<tr>
<td>AMIN 2405SS</td>
<td>American Indian Families and Society</td>
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<td>AMIN 2407</td>
<td>History of American Indian Education</td>
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<td>AMIN 2605FA</td>
<td>Survey of American Indian Arts</td>
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<td>AMIN 3206SS</td>
<td>Federal Indian Policy</td>
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<td>AMIN 3230SS</td>
<td>American Indian Tribal Government and Law</td>
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<td>AMIN 3410</td>
<td>Fur Trade in Canada and the United States</td>
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<td>AMIN 3420</td>
<td>American Indians in Sports</td>
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<td>AMIN 3450</td>
<td>American Indian Women</td>
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<td>AMIN 3620</td>
<td>Ojibwe Literatures: Sovereignty and Survivance</td>
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<td>AMIN 3660H</td>
<td>American Indian Novel</td>
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<td>AMIN 4230SS</td>
<td>Introduction to Federal Indian Law</td>
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<td>AMIN 4630H</td>
<td>American Indians and the Media</td>
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<td>American Indians in the Movies</td>
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<td>ART 1814FA</td>
<td>Creating Across Cultures</td>
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<td>ARTH 2390H</td>
<td>American Art of the 20th Century</td>
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<td>ASL 4105</td>
<td>History of the American Deaf Community</td>
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### Sustainability – 3 credits

Courses in this category focus on ways in which the science of the natural environment interacts with economic, social, and political forces in a local, national and/or global context.

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