

Mu 1005*	Jazz Studies	(3)
Mu 2001**	Ethnic and Folk Music	(3)
Mu 2003	Survey of American Music	(3)
Mu 2005*	African Roots of Am. Music	(3)
Phil 1021	Classical Mythology	(3)
Th 1001	Intro. to Theatre Arts	(3)
Th 1051	Intro. to Film	(3)
Th 1053	Film and Society	(3)
Th 1071	Musical Theatre History	(3)
Th 3871	Playwriting	(3)

#### **Category 10 Literary and Artistic Expression: Performance**

These courses provide opportunities for creative expression through participation, production, or performance of literary or artistic expression and should pay significant attention to larger theoretical issues. *Reminder: one course is defined as a minimum of 2 credits from a single course designator.*

Art 1002	Intro. to Art	(3)
Art 1009	Fund. of Drawing	(3)
Art 1405	Fund. of Ceramics I	(3)
Art 1605	Fund. of Photography	(3)
Art 1607	Fr. Sem: Fund. of Photography	(3)
Art 2810	Art in Elementary Education	(3)
DN 1101	Modern Dance Technique I	(2)
DN 1111	Jazz Dance Technique I	(2)
DN 1131	Ballet Technique I	(2)
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)
Th 1099	Theatre Practicum	(1)
Th 1111	Acting Fundamentals I	(3)

#### **Physical Education and Recreation Courses:**

A maximum of 2 credits of 1xxx physical education and recreation courses may be included in the total liberal education credit requirement, but these courses are not applied to any category.

*NOTE: Students may complete the LEP without taking PE or REC courses.*

PE 1220	Intermediate Swimming	(1)
PE 1300	Ballroom Dance	(1)
PE 1304	Square Dance	(1)
PE 1402	Tennis	(1)

PE 1410	Golf	(1)
PE 1414	Bowling	(1)
PE 1500	Cross-Country Skiing	(1)
PE 1502	Alpine Skiing	(1)
PE 1507	Intro. to River Kayaking	(1)
PE 1508	Flatwater Canoeing	(1)
PE 1510	Whitewater Kayaking	(2)
PE 1512	Fishing Skills	(1)
PE 1530	Rock Climbing	(1)
PE 1600	Physical Fitness	(1)
PE 1601	Aerobics	(1)
PE 1612	Karate	(1)
PE 1614	Self Defense	(1)
PE 1616	Weight Training	(1)
PE 1706	Volleyball	(1)
PE 1708	Basketball	(1)
Rec 1201	Outdoor Skills I	(2)
Rec 1202	Outdoor Skills 2	(2)

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#### **Liberal Education Program (LEP) 2011-2012**

Students intending to graduate from UMD must complete **at least 35** semester credits from the LEP by

- Completing at least 1 course within each of the 10 LEP categories **except where an option is provided. One course is defined as a minimum of 2 credits** from a single course designator.
- Complete 1 cultural diversity course; these courses increase students' awareness and understanding of significant differences among people in the United States and how these differences impact individuals and groups. Students will examine social, cultural, and political contributions of different groups, learn about diverse traditions and values, and consider their relationship to persons different from themselves. Courses are designated with 1 asterisk (\*).
- Complete 1 international perspective course; these courses increase students' awareness and understanding of issues or topics from an international or global perspective, examining interdependencies, or differences that exist in our world. Courses are designated with 2 asterisks (\*\*).
- A maximum of 2 credits from approved PE or REC courses may be included in the total LEP credits but will not be applied to any category.

#### **Minnesota Transfer Curriculum (MTC)**

Students intending to transfer within Minnesota and who wish to fulfill the MTC 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](http://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 MTC

#### **LIBERAL EDUCATION CATEGORIES AND COURSES**

##### **Category 1 Composition**

This course develops skills in composition and written communication.

Writ 1120	College Writing	(3)
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#### **Category 2 Math, Logic, and Critical Thinking**

These courses develop the ability to use and analyze formal symbolic systems and emphasize theory and/or development of skills in specific symbolic systems, logic, linguistics and linguistic analysis, mathematics, statistics, and critical thinking.

Geog 2552	Intro. to Maps/Cartographic Methods	(3)
Ling 1811	Intro. to Language	(3)
Math 1024	Intro. to Contemp. Mathematics	(3)
Math 1160	Finite Math. and Intro to Calc.	(5)
Math 1234	Fr. Sem: Topics	(3)
Math 1250	Precalculus Analysis	(4)
Math 1290	Calculus for Natural Sciences	(5)
Math 1296	Calculus I	(5)
Math 1596	Honors: Calculus I	(5)
Phil 1008	Critical Thinking	(4)
Phil 1018	Logic	(4)
Phil 1118	Fr. Sem: Hon: Logic	(4)
Stat 1411	Intro. to Statistics	(3)
Stat 2411	Statistical Methods	(3)

#### **Category 3 Communication, Computer Science, and Foreign Languages**

These courses develop the ability to use and analyze human and computer languages and emphasize theory and/or development of skills in the methods of human and computer languages and rhetoric.

Amln 1103*	Introduction to Ojibwe Language	(3)
Amln 1104*	Beginning Ojibwe II	(3)
Amln 2103*	Intermed. Ojibwe I	(3)
Amln 2104*	Intermed. Ojibwe II	(3)
ASL 2001*	Am. Sign Language Studies I	(3)
ASL 2002*	Am. Sign Language Studies II	(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 1000	Human Communication Theory	(3)
Comm 1112	Public Speaking	(3)
Comm 1222*	Interpersonal Communication	(3)
Comm 1511	Honors: Public Speaking	(3)
CSD 1100	Phonetics	(2)
CS 1011	Intro. to Computers and Software	(3)
CS 1121	Intro. to Prog. in Visual BASIC	(3)
CS 1301	Intro. to 3D Game Development	(4)
CS 1511	Computer Science I	(5)
CS 1581	Honors: Computer Science I	(5)
CS 2121	Intro. to Prog. in Java	(3)
Fr 1101	Beginning French I	(4)
Fr 1102	Beginning French II	(4)

Fr 1201	Intermed. French I	(4)
Fr 1202**	Intermed. French II	(4)
Fr 2301**	Advanced French	(4)
Ger 1101	Beginning German I	(4)
Ger 1102	Beginning German II	(4)
Ger 1201	Intermed. German I	(4)
Ger 1202**	Intermed. German II	(4)
Ger 2301**	Advanced German	(4)
Lang 1101	Beginning Foreign Language I	(4)
Lang 1102	Beginning Foreign Language II	(4)
Lang 1201	Intermed. Foreign Language I	(4)
Lang 1202**	Intermed. Foreign Language II	(4)
Phil 2011	Philosophy of Language	(3)
Russ 1101	Beginning Russian I	(4)
Russ 1102	Beginning Russian II	(4)
Span 1101	Beginning Spanish I	(4)
Span 1102	Beginning Spanish II	(4)
Span 1201	Intermed. Spanish I	(4)
Span 1202**	Intermed. Spanish II	(4)
Span 2301**	Advanced Spanish	(4)

**Category 4 Physical and Biological Sciences with Lab**

These courses focus on the observation, identification, experimental investigation, and theory of natural phenomena.

*NOTE: Students may take two courses from Category 4 and none from Category 5 if the Category 4 courses have two different course designators.*

Biol 1001	Biology and Society	(4)
Biol 1011	General Biology I	(5)
Chem 1103/04	Aspects of Chemistry Lecture/Lab	(4)
Chem 1113	Introduction to Chemistry I	(5)
Chem 1153/54	General Chemistry I Lecture/Lab	(5)
Chem 1161	Honors: General Chem I	(5)
Geog 1414	Physical Geography	(4)
Geol 1110	Geology and Earth Systems	(4)
Geol 1130**	Intro. to Environ. Science	(4)
Phys 1001	Intro. to Physics I	(5)
Phys 2011	General Physics I	(4)

**Category 5 Physical and Biological Sciences without Lab**

These courses focus on the observation, identification, description, experimental investigation, and theory of natural phenomena.

*NOTE: If Chem 1103 is taken in conjunction with Chem 1104 or Chem 1153 is taken in conjunction with Chem 1154, they will only count toward Liberal Education Category 4.*

Ast 1040	Intro. Astronomy	(3)
Biol 1010	Home Horticulture	(3)
Biol 1087	Fr. Sem: Darwinian Medicine	(3)

Biol 2763*	Biology of Women	(2)
ChE 1011	Intro. to Chemical Engineering	(3)
Chem 1103	Aspects of Chemistry	(3)
Chem 1153	General Chemistry	(4)
ES 2803**	Issues in Global Ecology	(3)
Geol 1040	Fr. Sem: Topics	(3)
Geol 1120	Life and Death of the Dinosaurs	(3)
Geol 1610	Oceanography	(3)
Geol 2350**	Earth's Resources	(3)
Hlth 1470	Human Nutrition	(3)
Phys 1011	Ideas in Physics	(3)

**Category 6 The Social Sciences**

These courses focus on empirical/descriptive study of individual behavior and social institutions affecting individuals as members of society, including psychological, social, cultural, economic, and political phenomena.

AAAS 1101*	Intro to Black Caribbean Studies	(3)
AmIn 2210	American Indian Politics	(3)
Anth 1604**	Cultural Anthropology	(4)
Anth 1612	Intro. to Archaeology	(4)
Comm 1010	Persuasion	(3)
Comm 2929**	Intercultural Communication	(4)
Econ 1022	Principles of Economics: Macro	(3)
Econ 1023	Principles of Economics: Micro	(3)
Geog 1304*	Human Geography	(3)
Geog 2313	Economic Geography	(3)
Pol 1011	Am. Government and Politics	(3)
Pol 1500**	Intro. to Comparative Politics	(3)
Psy 1003	General Psychology	(4)
Psy 2021*	Developmental Psychology	(4)
Soc 1101*	Intro. to Sociology	(4)

**Category 7 Historical and Philosophical Foundations**

These courses focus on the study of societies and/or cultures and the analysis of basic philosophical issues and traditions.

AAAS 1100*	Intro to African/African American	(4)
AAAS 1102*	Intro to Atlantic Slave Trade	(3)
AmIn 1010*	Am. Indian Experiences up to 1900	(3)
AmIn 1020*	Am. Indian Experience: 1900-present	(3)
AmIn 3420*	American Indians in Sports	(3)
Anth 1601**	Fr. Sem: Prehistoric Cultures	(4)
Anth 1602**	Prehistoric Cultures	(4)
CSt 1020	Landscapes, Envir, & US Culture	(3)
Econ 3031	History of Economic Thought	(3)
Educ 1101	Education in Modern Society	(3)
Engl 1802	Fr. Sem: Asian Culture	(4)
Hist 1027**	Intro to Islam	(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 2325**	Muslim Societies	(4)
Hist 2345	Sci. and Society: 1500-Present	(3)
Hist 2355	US Military History	(3)
Hist 2357*	Women in American History	(3)
Hist 2365**	Russia in the 20 <sup>th</sup> Century	(3)
Hist 2515*	Pre-colonial Africa	(3)
Hist 3235**	History and Soccer	(3)
PE 2001	Sport Ethics and Society	(3)
Phil 1001	Introduction to Philosophy	(3)
Phil 1007**	Philosophy and World Religions	(3)
Phil 1101	Honors: Introduction to Philosophy	(3)
Pol 1610	Intro to Pol. Theory	(3)
Span 2093	Spanish Historical Film & Fiction	(4)
Writ 1506	Literacy, Technology and Society	(3)
WS 1000*	Intro. to Women's Studies	(3)

**Category 8 Contemporary Social Issues and Analysis**

These courses analyze contemporary issues and their relationship to individuals and/or social institutions in economic, political, educational, or religious systems.

Acct 2005	Survey of Accounting	(3)
AmIn 2405	Am. Indian Families/Society	(3)
AmIn 2407*	Boarding Schools and Beyond	(3)
AmIn 3206*	Federal Indian Policy	(3)
Blaw 2001	The Legal Environment	(3)
Comm 1500	Media and Society	(3)
Comm 2101	Found. of Mass Comm.	(3)
Comm 2102	Media Effects	(3)
Crim 1301	Intro. To Criminology	(4)
CS 1094	Fr. Sem: Computers and Society	(3)
CSD 2230*	Human Comm. Disorders	(3)
CSt 1050	Fr. Sem: Bodies and Culture	(4)
CSt 1101	Introduction to Cultural Studies	(4)
CSt 2001*	Introducing to GLBT Studies	(4)
Econ 1003	Economics and Society	(3)
Educ 1100*	Human Diversity	(3)
Educ 1201	Managing Planet Earth	(3)
Geog 1202**	World Regional Geography	(3)
Geog 2306	Environmental Conservation	(3)
Ger 2040**	Berlin: Myth, Legend, Reality	(3)
Ger 2402**	Germany Today	(3)
Hlth 1100	Health and Wellness Strat. for Life	(3)
Phil 1003**	Ethics and Society	(3)
Phil 2021	Science and Pseudo-Science	(3)
Phil 3242	Values and Technology	(3)
Pol 1050**	International Relations	(3)
Psy 2023**	Marriages and Families Worldwide	(4)
Psy 2223*	Gender in Society	(4)
Soc 1080	Development of Social Selves	(3)
Soc 1095	Fr. Sem: Topics	(3-4)
Soc 1201*	Sociology of the Family	(3)
Span 2540*	Latino Literatures and Cultures	(3)

SpEd 1357*	Individuals with Disabilities in Society	(3)
SW 1210**	Global Issues	(3)
SW 1212**	Global Issues Honors Seminar	(3)
SW 1619*	Race, Class, and Gender in the U.S.	(3)
URS 1001	Intro to Urban and Regional Studies	(3)
Writ 1017	Fr. Sem: Hon: Popular Culture	(3)
WS 2101*	Women, Race, and Class	(3)

**Category 9 Literary and Artistic Expression: Analysis and Criticism**

These courses familiarize students with the basic aims, elements, and principles of interpretation and criticism of literature, folklore, myth, the visual arts, dance, film, music, and theatre. Emphasis is on principles and techniques of analysis, interpretation, and criticism.

*NOTE: Students may take two courses from Category 9 and none from Category 10 if the Category 9 courses have two different course designators. Art and Art History are considered the same course designator.*

AmIn 1606	Intro to Am. Indian Literature	(3)
AmIn 2605	Survey of Am. Indian Arts	(3)
Art 1001**	Art Today	(3)
Art 1003	Intro to Design	(3)
Art 1814*	Creating Across Cultures	(3)
Art 1900	Visual Literacy	(3)
ArtH 1303	History of World Art I	(3)
ArtH 1304**	History of World Art II	(3)
ArtH 2300**	The City as a Work of Art	(3)
ArtH 2390*	Am. Art of the 20 <sup>th</sup> Century	(3)
ArtH 2815*	Women Artists in History	(3)
CSt 1010	Romanticism and Revolution	(4)
DN 1001**	Intro to the World of Dance	(3)
Engl 1001	Great Am. Authors	(3)
Engl 1101	Literature Appreciation	(3)
Engl 1507	Time and Place	(4)
Engl 1535	King Arthur in Hist., Lit., and Art	(4)
Engl 1575	20 <sup>th</sup> Century Literature	(4)
Engl 1582**	Intro. to World Literatures	(3)
Engl 1583**	Contemporary African Literature	(3)
Engl 1585**	Australian/ New Zealand Literature	(4)
Engl 1666	Tales of Terror	(4)
Engl 1801	Fr. Sem: American Gothic	(4)
Engl 1803	Fr. Sem: Unseen Reality	(4)
Engl 1805	Fr. Sem: Satire and Humor	(4)
Engl 1907	Intro. to Literature	(3)
Engl 2571	Contemporary Literature	(4)
Engl 2581*	Women Writers	(4)
Engl 3223	Shakespeare	(4)
Fr 2315	French Cinema	(4)
Ger 2315**	German Film: History and Analysis	(4)
Mu 1001**	Intro. to Music	(3)
Mu 1003	Beethoven to the Beatles	(3)

