

LIBERAL EDUCATION FOR THE ENVIRONMENT AND SOCIETY 2017-2023

Updated 3.1.2022							Disciplinary Learning (Cannot double count within this category)			Environmental Applications (cannot double count within this category)				
	Course #	Course Title	Prerequisite(s)	Writing Intensive	Math Proficiency	Quantitative Reasoning	Diversity & Justice	Arts & Humanities	Natural Science	Social Science	Environmental Narratives	Science of Environmental Issues	Comm, Pol, & Mgmt of Env Issues	Environmental Applications
ART 106	Intro to Visual Communication							X						
ART 111	Drawing I							X						
ART 112	Drawing by Nature							X			X			
ART 209	Art + Community							X						
ART 220	Ceramics I							X						
ART 222	Ceramics Handbuilding							X						
ART 225	Introduction to Film							X						
ART 226	3D Printing in Clay							X						
ART 230	Art History Ancient to Medieval							X						
ART 231	Art History Renaissance to Modern							X						
ART 232	Contemporary Art History							X						
ART 262	Digital Photography I	Students must have a digital SLR camera						X						
ART 280	Graphic Design I							X						X
ART 306	Art Collaborations with Nature	ART 106, ART 111, or ART 260, Recommend Jr standing												X
ART 403	Senior Seminar	Art major or minor and Junior or Senior Standing	X											
BIO 106	Environmental Science								X		X	X		
BIO 115	Concepts of Biology								X					
BIO 128	Nat His & Cnsrvtn in Lk Sup WtrshdSuperior Connections	Corequisites: ENG 126, GSC 112, NAS 160 and IDS 120	X						X			X		
BIO 226	Field Parasitology	BIO 115 or BIO 128												X
BIO 234	Ecology	BIO 115 or BIO 128										X		
BIO 235	Biology of Organisms	BIO 115 or BIO 128							X					
BIO 360	Vertebrate Physiology	BIO 234										X		
BIO 410	Conservation Biology	BIO234										X	X	
BIO 473	Limnology	BIO 234 and CHM 103, CHM 105, CHM 108, CHM 110, or CHM 120										X		X
BIO 480	Biology Senior Seminar	Biology major and Senior Standing	X											
BUS 120	Quantitative Methods	Three years of high school mathematics						X						
BUS 136	Financial Literacy for Everyone							X						
BUS 226	Essentials of Economics								X					
BUS 327	Marketing for Sustainability	BUS 232 and sophomore standing									X			
BUS 415	The Inclusive Workplace	Junior standing					X							
BUS 475	Strategic Planning & Policy Capstn	BUS 222, 228, 232, and 330	X											
CHM 103	Gen Chem: The Chemistry of Food	Corequisites: XNN 110 and BIO 115							X			X		
CHM 110	General Chemistry								X			X		
CHM 145	Atmospheric Pollution								X			X	X	
CHM 210	Chemistry of Natural Waters	CHM 103, CHM 105, CHM 108, or CHM 110										X		X

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CHM 212	Water Quality Lab Techniques	CHM 103, CHM 105, CHM 108, or CHM 110									X		X			
CHM 213	Soil Chemistry Lab Techniques	CHM 103, 105, 108, or 110									X		X			
CHM 220	Organic Chemistry I	CHM 103, CHM 105, CHM 108, or CHM 110									X					
CHM 221	Organic Chemistry II	CHM 215 or CHM 220									X					
CHM 225	Quantitative Analysis	CHM 103 or CHM 110									X					
CHM 240	Inorganic Chemistry	CHM 103 or CHM 110									X					
CHM 321	Advncd Organic/Inorganic Chemistry	CHM 220, CHM 221 and CHM 240											X			
CHM 326	Atmospheric Chemistry	CHM 103, CHM 110 or MTH 140									X					
CLM 125	Introduction to Climate Science		X					X			X					
CLM 244	Understanding Climate Change		X					X			X					
CLM 246	Climate Change Impacts & Adaptation							X			X					
CLM 260	Regional Climate Change Solutions							X				X				
CLM 280	Climate Change and Food		X					X			X					
CLM 364	Land-Atmosphere Interactions	CLM 125	X								X					
CLM 386	Monitoring Climate Change	Any CLM course									X					
CLM 480	Seminar in Climate Science	CLM 125 or CLM 270 and junior standing	X										X			
ECN 220	Macroeconomics in Context								X							
ECN 221	Microeconomics in Context								X							
ECN 263	Essentials of Economics								X							
ECN 310	Environmental Economics	ECN263 or BIO 234							X			X				
EDU 125	Foundations of Education								X							
EDU 160	Education for Social Justice					X										
EDU 210	Teaching Environmentally	EDU 125 & EDU 160										X				
EDU 232	Learning, Growth and Cognition								X							
EDU 289	Children & Adolescent Literature						X									
EDU 337	Practicum 1	EDU 125 & EDU 160	X													
EDU 338	Practicum 2	Formal admission to the education program.	X													
EDU 376	Strat for Teaching Diverse Learners	Formal admission to the education program.				X										
EDU 460	Student Teaching - Secondary	Formal admission to the education program.											X			
EDU 471	Student Teaching - Elementary	Formal admission to the education program.											X			
ENG 111	Living With Nature: Writing & Inquiry	ENG 110 or writing assessment score of 3 or above	X				X									
ENG 126	Confluences: Rd/Wrt in Lk Sup WtrsdSuperior Connections	Corequisites: BIO 128, GSC 112, NAS 160 and IDS 120	X				X									

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ENG 140	Food for Thought		X			X	X			X			
ENG 209	The Story and the Stone		X				X			X			X
ENG 211	Humanity & Nature in Literature	ENG 110 or Writing Assessment Score of 3 or above	X				X			X			
ENG 213	Literature of the Western World	ENG 110 or Writing Assessment Score of 3 or above	X			X	X						
ENG 216	The Contemporary Novel	ENG 110 or Writing Assessment Score of 3 or above	X			X	X						
ENG 217	Contemporary Third World Literature	ENG 110 or Writing Assessment Score of 3 or above	X			X	X						
ENG 225	Major American Authors	ENG 110 or Writing Assessment Score of 3 or above	X				X						
ENG 228	Literature of the Arab World	ENG 110 or Writing Assessment Score of 3 or above	X			X	X						
ENG 230	Literature and Medicine	ENG 110 or Writing Assessment Score of 3 or above	X				X						
ENG 233	Women of the Third World	ENG 110 or Writing Assessment Score of 3 or above	X			X	X						
ENG 234	Dystopias: Ecology&Gender in SciFi	ENG 110 or Writing Assessment Score of 3 or above	X			X	X						
ENG 235	Monsters, Modern and Postmodern	ENG 110 or Writing Assessment Score of 3 or above	X				X						
ENG 240	Pens & Paddles in the North Woods		X				X			X			X
ENG 241	CLIFI: Climate FictionCLIFI	ENG 110 or Writing Assessment Score of 3 or above	X				X			X			
ENG 262	Survey of British Literature	ENG 110 or Writing Assessment Score of 3 or above	X										
ENG 264	Survey of American Literature	ENG 110 or Writing Assessment Score of 3 or above	X				X						
ENG 318	Nature Writers	Any 100 or 200 level ENG course	X							X			
ENG 332	Major American Authors II	Any 200-level ENG course and junior standing	X										
ENG 372	Nature & Gender in Lat Am Lit	Any 200-level literature course	X			X				X			

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ENG 377	Green Romanticism	ENG 110 or Writing Assessment Score of 3 or above	X				X						
ENG 384	Literary Criticism	Any ENG course	X										
ENG 387	The English Language	Junior standing or instructor consent					X						
ENG 413	Shakespeare	ENG 110 or writing assessment score of 3 or above	X										
ENG 415	Chaucer	ENG 110 or writing assessment score of 3 or above	X			X	X						
ENV 175	Intro to Environmental Science										X		
GIS 201	Introduction to GIS										X		
GIS 380	Remote Sensing	GIS 201 and sophomore standing									X		
GSC 107	Geology & Agriculture							X			X		
GSC 112	Geoscience Issues of Lake Superior: Superior Connections	Corequisites: BIO 128, ENG 126, NAS 160 and IDS 120						X			X		
GSC 120	Physical Geology							X			X		
GSC 209	The Story and the Stone		X				X			X			X
GSC 222	Sediments & Soils	GSC 107, GSC 112, or GSC 120											
GSC 233	Earth Resources	GSC 107, GSC 112, or GSC 120									X		
GSC 260	Geology of the Lake Superior Region	GSC 107, GSC 112, or GSC 120											X
GSC 284	On the Trail of the Ice Age	GSC 107, GSC 112, or GSC 120											X
GSC 312	Paleoclimate: Past as Prologue	GSC 107, GSC 112, GSC 120, CLM 125 or CLM 244									X		
GSC 482	Wyoming Geology Field Camp	GSC 222, GSC 320, GSC 321, GSC 474, and GSC 481											X
GSC 483	Great Lakes Geology Field Camp	GSC 222, GSC 320, GSC 321, GSC 474 and GSC 481											X
GSC 489	Geoscience Senior Honors Thesis	GSC 488 and GPA of 3.0 or higher	X										
GWS 265	Intro to Gender & Women's Studies					X							
GWS 266	Ecofeminism					X				X			
GWS 331	Feminist Theory	Any GWS course				X							
GWS 343	Queer Ecologies	Any GWS course or SOC 234, 236, 240, 341, HIS 209, or HIS 260				X					X		
HIS 101	United States History to 1865	(not WI as of fall 2020)	X			X	X			X			
HIS 102	United States History since 1865	(not WI as of fall 2020)	X			X	X					X	
HIS 111	History of World Civ to 1500						X						
HIS 112	History of World Civ since 1500						X						
HIS 209	Gender in the U.S. Landscape		X			X	X			X			
HIS 215	Black Natures					X	X			X			
HIS 221	History of Medieval Europe		X				X						
HIS 241	American Environmental History		X			X	X			X		X	

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MTH 109	Precalculus Mathematics	MTH 106, ACT math score of 20 or higher, SAT math score of 515 or higher, or successful completion of Algebra II with a grade B or higher		X	X									
MTH 140	Calculus I	MTH 109, ACT math score of 25 or higher, SAT math score of 620 or higher, or successful completion of Precalculus with a grade of B or above, or Instructor Consent		X	X									
MTH 150*	ST: Statistical Reasoning	ACT math score of 20 or higher, SAT math score of 515 or higher, MTH 106, or successful completion of Algebra II with a grade of B or above		X	X									
MUS 205	Story of Jazz						X							
NAS 100	Intro to Native American Studies		X			X	X							
NAS 121	Intro to Ojibwe Language I					X	X							
NAS 122	Intro to Ojibwe Language II	NAS 121				X								
NAS 160	Lake Superior Ojibwe: Superior Connections	Corequisites: BIO 128, ENG 126, GSC 112 and IDS 120	X			X	X							
NAS 211	Native American History & Experienc					X	X							
NAS 212	WI Indian Cultures, Histry & Issues					X	X							
NAS 216	Indigenous Representation		X			X	X							
NAS 227	Native Foodways		X			X	X			X		X		
NAS 231	Native American Arts and Cultures					X	X							
NAS 236	Indigenous Film and Media		X			X	X							
NAS 241	Indigenous Museum Studies					X	X							
NAS 260	Indigenous Environmental Justice		X			X	X			X		X		
NAS 265	Indigenous Perceptions of Water		X			X	X			X		X		
NAS 283	American Indian Literature		X			X	X							
NAS 306	Global Indigenous Politics	Any NAS course or junior standing	X			X	X					X		
NAS 315	Am Indian Environmental Perspectives	Any NAS course or junior standing	X			X	X			X				
NAS 340	Indigenous Gender Studies	Any NAS or GWS course or Junior standing	X			X	X							
NAS 342	Gender in Indigenous Borderlands	Any NAS or GWS course or Junior standing	X			X	X							

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NAS 362	Native Women's Activism	Any NAS or GWS course or Junior standing	X			X	X			X						
NAS 380	Indigenous Women Writers	Any NAS or GWS course or Junior standing	X			X	X			X						
NRS 215	Natural Resources Policy	BIO 115 or BIO 128										X				
NRS 328	Coastal Ecology and Management	BIO 234									X					
NRS 347	Sustainable Forest Management	BIO 234											X			
NRS 348	Wildlife Ecology & Management	BIO 234	X								X	X				
NRS 349	Fisheries Science & Management	BIO 234									X					
NRS 350*	Special Topic: Applied Ecological Restoration	BIO 234									X		X			
NRS 358	Wetlands	BIO 234									X	X	X			
NRS 363	Fire Ecology and Management	BIO 234									X	X				
NRS 365	Conservation of Large Carnivores	BIO 234								X						
NRS 464	Wolf Ecology, Management & Research	BIO 234 or NRS 103 with Instructors Consent									X	X				
OED 221	Group Process & Leadership		X						X			X				
OED 228	Wilderness Writers and Philosophers		X							X			X			
OED 261	Foundations in Environmental Ed											X				
OED 263	Outdoor Living Skills	OED 221 and OED 276; Corequisites: OED 262 and OED 264											X			
OED 265	Teaching & Facilitation Skills		X						X							
OED 279	Access & Diversity		X			X			X							
OED 332	Winter Travel & Living Skills	OED 262, OED 263, and OED 264; or OED 330; or OED 331; or Instructor Consent											X			
OED 361	Interpretive Programming and Design	One of the following - EDU 210, OED 261, OED 265, or instructor consent	X										X			
OED 363	Apostle Islands School	OED 261								X			X			
OED 385	Urban Outdoor Education	OED 279, OED 276, and OED 265											X			
OED 439	Therapeutic Principles & Practices	OED 276 and PSY 110 and Junior Standing or Instructor Consent	X										X			
OED 446	Wilderness Instructor Training	OED 237, 262, 263, 264 & instructor consent											X			
OED 472	Accident Theory & Risk Mgmt	OED 364, OED 365, and OED 366	X													
OED 489	Adv Topics: Diversity/Inclusion	OED 210, OED 221, OED 276, OED 279, and OED 366	X			X										
PHL 225	Ethics		X			X	X									
PHL 226	Environmental Ethics		X			X	X			X		X				
PHL 229	Intro to Philosophy		X				X									
PHL 230	History of Western Philosophy I						X									
PHL 262	Environmental Philosophy		X				X			X						

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PHL 266	Environmental Aesthetics		X				X			X		X		
PHL 270	Philosophy of Science		X				X			X				
PHL 276	Logic				X									
PHL 282	Contemporary Western Philosophy						X							
PHL 330	Philosophy of Language		X				X							
PHL 360	Concepts of Nature	PHL 226, PHL 262, PHL 266, or HIS 241	X											
PHY 102	Ideas of Physics							X					X	
PHY 104	Introduction to Astronomy							X						
PHY 110	General Physics I	Prerequisite or Corequisite: MTH 140						X						
PSY 110	General Psychology								X					
PSY 203	Lifespan Developmental Psych	PSY 110							X					
PSY 227	Cognitive Psychology	PSY 110						X						
PSY 229	Sport Psychology	Sophomore Standing or above							X					
PSY 233	Social Psychology	PSY 110	X											
PSY 234	Theories of Personality	PSY 112 and PSY 114 or PSY 110	X									X		
PSY 236	Political Psychology		X						X					
PSY 241	Positive Psychology	Sophomore standing or above							X					
PSY 302	Social Justice Policy	PSY 110, SOC 111 or Junior Standing				X			X					
PSY 331	Ecopsychology	PSY 110 or Junior Standing or Instructor Consent	X			X				X			X	
PSY 340	Evolutionary Psychology	PSY 110						X	X					
PSY 342	Psycholinguistics	PSY 110						X						
PSY 344	Wrongful Convictions	PSY 110 or junior standing				X								
PSY 345	Cognition in the Wild	PSY 110 and junior standing											X	
PSY 346	Abnormal Psychology	PSY 110	X											
PSY 350*	ST: Legal Psychology	PSY 110 or junior standing				X			X					
PSY 360	Sensation and Perception	PSY 110 or Junior Standing						X						
PSY 366	Neuropsychology	PSY 110 or Junior Standing						X						
PSY 431	Applied Ecopsychology	PSY 110								X			X	
PSY 448	Capstone	Senior Standing and Psychology Major	X											
REL 122	Rel & Cult in the Lk Sup WatershedSuperior Connections	Corequisites: BIO 128, GSC 112, NAS 160, and IDS 120				X	X			X				
REL 165	Demons, Angels, & Ghosts		X			X	X							
REL 174	Religion and Science						X			X				
REL 210	Exploring Religion and Spirituality					X	X		X					
REL 215	Hebrew Bible and Jewish Origins					X	X							
REL 216	Jesus, Paul, and Christian Origins					X	X							
REL 219	The Nature of Religious Experience		X				X							

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REL 220	Myth & Ritual						X						
REL 225	Magic, Medicine, and Miracle					X	X		X				
REL 229	Judaism, Christianity & Islam		X			X	X						
REL 230	Asian Religions & Philosophies						X						
REL 231	Buddhism						X						
REL 234	Japanese Religious History					X	X						
REL 235	Daoism Seminar						X						
REL 240	Jesus in Popular Cultures		X			X	X						
REL 241	Religion in America		X				X						
REL 250 *	ST: Japanese Calligraphy & Aesthetics						X						
REL 250 *	ST: Mystics & Prophets					X	X			X			
REL 257	Death & Dying		X				X						
REL 258	Religion & Nature		X			X	X			X		X	
REL 270	Religion & Human Rights		X			X	X						
REL 315	History of Christian Cultures		X			X	X						
REL 330	History of Islamic Cultures		X			X	X						
REL 331	Zen Buddhism		X				X						
REL 340	Sex and Religion	One of the following: SOC 236, SOC 234, HIS 209, HIS 260, NAS 215, or any GWS course	X			X	X						
REL 341	Theologies of Liberation	Any REL course or: ENG 233, GWS 265, GWS 266, HIS 209, PHL 282, SCD 235, SOC 225, SOC 234				X	X						
REL 410	Sacred Space	Any 300-level REL course	X										
SCD 110	Intro to Sustainable Comm Develop		X			X			X				
SCD 160	Renewable Energy&Sustainable Design										X		
SCD 220	Sustainable Community Planning								X			X	
SCD 225	Sus Dvlpmnt in Lake Superior Waters	XNN 115 or XHH 115							X			X	
SCD 230	The Political Process					X			X			X	
SCD 235	Forces of Change		X			X	X		X				
SCD 320	History of Planning & Development	Sophomore status	X			X	X		X				
SCD 335	Organizing Communities	Junior standing	X			X			X			X	
SCD 342	Policy and Econ of Climate Change	Sophomore Standing										X	
SCD 345	Culture and Revitalization	SCD 110				X			X				
SCD 355	The Just City in Practice	SCD 110, SCD 220, SCD 230, SCD 335, or Instructor Approval											X
SCD 365	Workforce Development	ECN 263 or BUS 226							X				

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SCD 412	Sustainable Development Studio	Instructor consent required											X
SCD 480	Senior Capstone in SCD	SCD 430 and senior standing	X										
SCD 481	Applied Research Practicum	Junior with at least 75 earned credits at the time of registration											X
SOC 111	Introduction to Sociology					X			X				
SOC 215	Sociology of Community								X			X	
SOC 225	Social Problems					X			X				
SOC 234	Sociology of Gender					X			X				
SOC 236	Sociology of Sexuality					X			X				
SOC 240	Cultural Ecology								X				
SOC 242	Sociology of the Environment					X			X	X		X	X
SOC 260	Intro to Soc - Superior Connections	Enrollment in Superior Connections				X			X			X	
SOC 325	Environmental Health & Sustainability	SOC 111				X					X		X
SOC 332	Crime, Deviance, & Social Justice	SOC 111 or SOC 260				X							
SOC 336	The Nature of Social Inequality	SOC 111	X			X							
SOC 370	Social Science Research Methods	MTH 107							X				
SOC 374	Human Rights & Social Justice	SOC 111 or 260				X							
SOC 381	Undoing Racism	SCD 110 or SOC 111 or SOC 260	X			X			X				
SOC 472	Advanced Justice Studies	SOC 111 or SOC 260				X							
SOC 488	Capstone in Sociology & Soc Justice	SOC 370	X			X							
WRI 224	News Writing & Reporting	ENG 110, writing assessment score of 3 or higher, or completion of any ENG or WRI course	X				X						
WRI 260	Introduction to Creative Writing		X				X						
WRI 273	Writing the Environmental Essay	ENG 110, a Connections Block, or Writing Assessment Score of 3 or above	X				X			X			

*Special Topics Course: Title must match

X (red X) Courses within the Disciplinary Learning and Environmental Curriculum categories cannot double count. Choose one within that curriculum section.