

College of Arts and Sciences

MDS 306 BS Environmental Geology Div A		
Yr 1 FL	C GEO U200 Dynamic Earth	4.0 SH
Yr 1 FL	C GEO U201 Lab for GEO U200	1.0 SH
Yr 1 FL	C MTH U141 Calculus 1	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
	Semester Subtotal	18.0 SH
Yr 1 SP	C GEO U220 History of Earth and Life	4.0 SH
Yr 1 SP	C GEO U221 Interpreting Earth History	1.0 SH
Yr 1 SP	C MTH U142 Calculus 2	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C GEO U310 Earth Materials	4.0 SH
	Coreq(s): C GEO U311	
Yr 2 FL	C GEO U311 Lab for GEO U310	1.0 SH
	Coreq(s): C GEO U310	
Yr 2 FL	C GEO U340 Earth Landforms and Processes	4.0 SH
	Coreq(s): C GEO U341	
Yr 2 FL	C GEO U341 Lab for Geo U341	1.0 SH
	Coreq(s): C GEO U340	
Yr 2 FL	PHY or BIO Undergrad Elective	4.0 SH
Yr 2 FL	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C GEO U510 Environmental Planning	4.0 SH
Yr 2 SP	PHY or BIO Undergrad Elective	4.0 SH
Yr 2 SP	BS Core Course	4.0 SH
Yr 2 SP	BS Core Course	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 SP	C GEO U520 Applied Hydrology	4.0 SH
	Coreq(s): C GEO U521	
Yr 3 SP	C GEO U521 Lab for GEO U520	1.0 SH
	Coreq(s): C GEO U520	
Yr 3 SP	BS Core Course	4.0 SH
Yr 3 SP	GEO Undergraduate Elective	4.0 SH
Yr 3 SP	Free Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 3 S1	Free Elective	4.0 SH
Yr 3 S1	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 SP	GEO Undergraduate Elective	4.0 SH
Yr 4 SP	BS Core Course	4.0 SH
Yr 4 SP	GEO Undergraduate Elective	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 S1	Free Elective	4.0 SH
Yr 4 S1	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 SP	GEO Undergraduate Elective	4.0 SH
Yr 5 SP	GEO Undergraduate Elective	4.0 SH
Yr 5 SP	Science Elective	4.0 SH
Yr 5 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Program Total 135.0 SH

MDS 306 BS Environmental Geology Div B

Yr 1 FL	C GEO U200 Dynamic Earth	4.0 SH
Yr 1 FL	C GEO U201 Lab for GEO U200	1.0 SH
Yr 1 FL	C MTH U141 Calculus 1	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
	Semester Subtotal	18.0 SH
Yr 1 SP	C GEO U220 History of Earth and Life	4.0 SH
Yr 1 SP	C GEO U221 Interpreting Earth History	1.0 SH
Yr 1 SP	C MTH U142 Calculus 2	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C GEO U310 Earth Materials	4.0 SH
	Coreq(s): C GEO U311	
Yr 2 FL	C GEO U311 Lab for GEO U310	1.0 SH
	Coreq(s): C GEO U310	
Yr 2 FL	C GEO U340 Earth Landforms and Processes	4.0 SH
	Coreq(s): C GEO U341	
Yr 2 FL	C GEO U341 Lab for Geo U341	1.0 SH
	Coreq(s): C GEO U340	
Yr 2 FL	PHY or BIO Undergrad Elective	4.0 SH
Yr 2 FL	PHY or BIO Undergrad Elective	4.0 SH
Yr 2 FL	BS Core Course	4.0 SH
	Semester Subtotal	22.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	GEO Undergraduate Elective	4.0 SH
Yr 2 S2	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 FL	C GEO U510 Environmental Planning	4.0 SH
Yr 3 FL	PHY or BIO Undergrad Elective	4.0 SH
Yr 3 FL	Free Elective	4.0 SH
Yr 3 FL	BS Core Course	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 S2	BS Core Course	4.0 SH
Yr 3 S2	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 FL	GEO Undergraduate Elective	4.0 SH
Yr 4 FL	BS Core Course	4.0 SH
Yr 4 FL	GEO Undergraduate Elective	4.0 SH
Yr 4 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	GEO Undergraduate Elective	4.0 SH
Yr 5 FL	GEO Undergraduate Elective	4.0 SH
Yr 5 FL	Free Elective	4.0 SH
Yr 5 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 5 SP	C GEO U520 Applied Hydrology	4.0 SH
	Coreq(s): C GEO U521	
Yr 5 SP	C GEO U521 Lab for GEO U520	1.0 SH
	Coreq(s): C GEO U520	
Yr 5 SP	BS Core Course	4.0 SH
Yr 5 SP	Science Elective	4.0 SH
	Semester Subtotal	13.0 SH

Program Total 135.0 SH

MDS 306 BS Environmental Geology Div C

Yr 1 FL	C GEO U200 Dynamic Earth	4.0 SH
Yr 1 FL	C GEO U201 Lab for GEO U200	1.0 SH
Yr 1 FL	C MTH U141 Calculus 1	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
	Semester Subtotal	18.0 SH
Yr 1 SP	C GEO U220 History of Earth and Life	4.0 SH
Yr 1 SP	C GEO U221 Interpreting Earth History	1.0 SH
Yr 1 SP	C MTH U142 Calculus 2	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C GEO U310 Earth Materials	4.0 SH
	Coreq(s): C GEO U311	
Yr 2 FL	C GEO U311 Lab for GEO U310	1.0 SH
	Coreq(s): C GEO U310	
Yr 2 FL	C GEO U340 Earth Landforms and Processes	4.0 SH
	Coreq(s): C GEO U341	
Yr 2 FL	C GEO U341 Lab for Geo U341	1.0 SH
	Coreq(s): C GEO U340	
Yr 2 FL	PHY or BIO Undergrad Elective	4.0 SH
Yr 2 FL	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C GEO U510 Environmental Planning	4.0 SH
Yr 2 SP	PHY or BIO Undergrad Elective	4.0 SH
Yr 2 SP	BS Core Course	4.0 SH
Yr 2 SP	BS Core Course	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	GEO Undergraduate Elective	4.0 SH
Yr 3 FL	BS Core Course	4.0 SH
Yr 3 FL	Free Elective	4.0 SH
Yr 3 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Yr 3 SP	C GEO U520 Applied Hydrology	4.0 SH
	Coreq(s): C GEO U521	
Yr 3 SP	C GEO U521 Lab for GEO U520	1.0 SH
	Coreq(s): C GEO U520	
Yr 3 SP	BS Core Course	4.0 SH
Yr 3 SP	GEO Undergraduate Elective	4.0 SH
Yr 3 SP	Free Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 3 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	GEO Undergraduate Elective	4.0 SH
Yr 4 FL	GEO Undergraduate Elective	4.0 SH
Yr 4 FL	Free Elective	4.0 SH
Yr 4 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	GEO Undergraduate Elective	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
Yr 4 SP	ScienceElective	4.0 SH
	Semester Subtotal	16.0 SH

Program Total**135.0 SH**

MDS 387 BA Environmental Studies Div A

Yr 1 FL	C ENV U100 College: An Introduction	1.0 SH
Yr 1 FL	C ENV U115 Environmental Science	4.0 SH
Yr 1 FL	C BIO U145 Environ & Humankind	4.0 SH
Yr 1 FL	C SOC U246 Environment and Society	4.0 SH
Yr 1 FL	C POL U150 American Government	4.0 SH
	Coreq(s): C POL U151	
Yr 1 FL	C POL U151 Rec for POL U150	0.0 SH
	Coreq(s): C POL U150	
	Semester Subtotal	17.0 SH
Yr 1 SP	C CHM U101 General Chem for Health Sci	4.0 SH
	Coreq(s): C CHM U102 C CHM U103	
Yr 1 SP	C CHM U102 Lab for CHMU101	1.0 SH
	Coreq(s): C CHM U101 C CHM U103	
Yr 1 SP	C CHM U103 Recitation for CHM U101	0.0 SH
	Coreq(s): C CHM U101 C CHM U102	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C GEO U112 Environmental Geology	4.0 SH
Yr 1 SP	Math Core	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C HST U342 Environ History of N. America	4.0 SH
Yr 2 FL	C ECN U116 Principles of Microeconomics	4.0 SH
Yr 2 FL	Foreign Language Core Course	4.0 SH
Yr 2 FL	ENV Studies Statistics Crse	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 SP	C POL U395 Environmental Politics	4.0 SH
Yr 2 SP	C GEO U510 Environmental Planning	4.0 SH
Yr 2 SP	Foreign Language Core Course	4.0 SH
Yr 2 SP	Natural or Social World Core	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 SP	ENV Upper Division Elective	4.0 SH
Yr 3 SP	ENV Upper Division Elective	4.0 SH
Yr 3 SP	Natural or Social World Core	4.0 SH
Yr 3 SP	Arts or Humanities Core	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 S1	ENV Upper Division Elective	4.0 SH
Yr 3 S1	Diversity Requirement	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 4 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 4 SP	ENV Upper Division Elective	4.0 SH
Yr 4 SP	ENV Upper Division Elective	4.0 SH
Yr 4 SP	Hst,Eth &Aesth Core Course	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 S1	ENV Upper Division Elective	4.0 SH
Yr 4 S1	Diversity Requirement	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 SP	C ENV U700 Senior Thesis	4.0 SH
Yr 5 SP	Analysis Core Course	4.0 SH
Yr 5 SP	Hst,Eth &Aesth Core Course	4.0 SH
Yr 5 SP	Arts or Humanities Core	4.0 SH
	Semester Subtotal	16.0 SH

Program Total 130.0 SH

MDS 387 BA Environmental Studies Div B

Yr 1 FL	C ENV U100 College: An Introduction	1.0 SH
Yr 1 FL	C ENV U115 Environmental Science	4.0 SH
Yr 1 FL	C BIO U145 Environ & Humankind	4.0 SH
Yr 1 FL	C SOC U246 Environment and Society	4.0 SH
Yr 1 FL	C POL U150 American Government	4.0 SH
	Coreq(s): C POL U151	
Yr 1 FL	C POL U151 Rec for POL U150	0.0 SH
	Coreq(s): C POL U150	
	Semester Subtotal	17.0 SH
Yr 1 SP	C CHM U101 General Chem for Health Sci	4.0 SH
	Coreq(s): C CHM U102 C CHM U103	
Yr 1 SP	C CHM U102 Lab for CHMU101	1.0 SH
	Coreq(s): C CHM U101 C CHM U103	
Yr 1 SP	C CHM U103 Recitation for CHM U101	0.0 SH
	Coreq(s): C CHM U101 C CHM U102	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C GEO U112 Environmental Geology	4.0 SH
Yr 1 SP	Math Core	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C HST U342 Environ History of N. America	4.0 SH
Yr 2 FL	C ECN U116 Principles of Microeconomics	4.0 SH
Yr 2 FL	Foreign Language Core Course	4.0 SH
Yr 2 FL	ENV Studies Statistics Crse	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	Natural or Social World Core	4.0 SH
Yr 2 S2	ENV Upper Division Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 FL	C POL U395 Environmental Politics	4.0 SH
Yr 3 FL	C GEO U550 Geology & Land-Use Planning	4.0 SH
Yr 3 FL	Foreign Language Core Course	4.0 SH
Yr 3 FL	ENV Upper Division Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	Diversity Requirement	4.0 SH
Yr 3 S2	ENV Upper Division Elective	4.0 SH
	Semester Subtotal	8.0 SH

Yr 4 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 4 FL	ENV Upper Division Elective	4.0 SH
Yr 4 FL	ENV Upper Division Elective	4.0 SH
Yr 4 FL	Hst,Eth &Aesth Core Course	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	C ENV U700 Senior Thesis	4.0 SH
Yr 5 FL	ENV Upper Division Elective	4.0 SH
Yr 5 FL	Analysis Core Course	4.0 SH
Yr 5 FL	Diversity Requirement	4.0 SH
	Semester Subtotal	16.0 SH
Yr 5 SP	Arts or Humanities Core	4.0 SH
Yr 5 SP	Natural or Social World Core	4.0 SH
Yr 5 SP	Hst,Eth &Aesth Core Course	4.0 SH
Yr 5 SP	Arts or Humanities Core	4.0 SH
	Semester Subtotal	16.0 SH

Program Total**130.0 SH**

MDS 387 BA Environmental Studies Div C

Yr 1 FL	C ENV U100 College: An Introduction	1.0 SH
Yr 1 FL	C ENV U115 Environmental Science	4.0 SH
Yr 1 FL	C BIO U145 Environ & Humankind	4.0 SH
Yr 1 FL	C SOC U246 Environment and Society	4.0 SH
Yr 1 FL	C POL U150 American Government	4.0 SH
	Coreq(s): C POL U151	
Yr 1 FL	C POL U151 Rec for POL U150	0.0 SH
	Coreq(s): C POL U150	
	Semester Subtotal	17.0 SH
Yr 1 SP	C CHM U101 General Chem for Health Sci	4.0 SH
	Coreq(s): C CHM U102 C CHM U103	
Yr 1 SP	C CHM U102 Lab for CHMU101	1.0 SH
	Coreq(s): C CHM U101 C CHM U103	
Yr 1 SP	C CHM U103 Recitation for CHM U101	0.0 SH
	Coreq(s): C CHM U101 C CHM U102	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C GEO U112 Environmental Geology	4.0 SH
Yr 1 SP	Math Core	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C HST U342 Environ History of N. America	4.0 SH
Yr 2 FL	C ECN U116 Principles of Microeconomics	4.0 SH
Yr 2 FL	Foreign Language Core Course	4.0 SH
Yr 2 FL	ENV Studies Statistics Crse	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 SP	C POL U395 Environmental Politics	4.0 SH
Yr 2 SP	C GEO U510 Environmental Planning	4.0 SH
Yr 2 SP	Foreign Language Core Course	4.0 SH
Yr 2 SP	Diversity Requirement	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 FL	ENV Upper Division Elective	4.0 SH
Yr 3 FL	ENV Upper Division Elective	4.0 SH
Yr 3 FL	Natural or Social World Core	4.0 SH
Yr 3 FL	Hst,Eth &Aesth Core Course	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 SP	ENV Upper Division Elective	4.0 SH
Yr 3 SP	ENV Upper Division Elective	4.0 SH
Yr 3 SP	Diversity Requirement	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 FL	C ENV U700 Senior Thesis	4.0 SH
Yr 4 FL	ENV Upper Division Elective	4.0 SH
Yr 4 FL	Hst,Eth &Aesth Core Course	4.0 SH
Yr 4 FL	Analysis Core Course	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	ENV Upper Division Elective	4.0 SH
Yr 4 SP	Natural or Social World Core	4.0 SH
Yr 4 SP	Arts or Humanities Core	4.0 SH
Yr 4 SP	Arts or Humanities Core	4.0 SH
	Semester Subtotal	16.0 SH

Program Total**130.0 SH**

MDS 316 BS Geology Div A

Yr 1 FL	C GEO U200 Dynamic Earth	4.0 SH
Yr 1 FL	C GEO U201 Lab for GEO U200	1.0 SH
Yr 1 FL	C MTH U141 Calculus 1	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
	Semester Subtotal	18.0 SH
Yr 1 SP	C GEO U220 History of Earth and Life	4.0 SH
Yr 1 SP	C GEO U221 Interpreting Earth History	1.0 SH
Yr 1 SP	C MTH U142 Calculus 2	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C GEO U310 Earth Materials	4.0 SH
	Coreq(s): C GEO U311	
Yr 2 FL	C GEO U311 Lab for GEO U310	1.0 SH
	Coreq(s): C GEO U310	
Yr 2 FL	C PHY U161 Physics 1	4.0 SH
	Coreq(s): C PHY U162	
Yr 2 FL	C PHY U162 Lab for PHY U161	1.0 SH
	Coreq(s): C PHY U161	
Yr 2 FL	C GEO U540 Sedimentary Basin Analysis	4.0 SH
	Coreq(s): C GEO U541	
Yr 2 FL	C GEO U541 Lab for GEO U540	1.0 SH
	Coreq(s): C GEO U540	
Yr 2 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
	Semester Subtotal	19.0 SH
Yr 2 SP	C GEO U320 Ign Petrology & Volcanology	4.0 SH
	Coreq(s): C GEO U321	
Yr 2 SP	C GEO U321 Lab for GEO U320	1.0 SH
	Coreq(s): C GEO U320	
Yr 2 SP	C PHY U165 Physics 2	4.0 SH
	Coreq(s): C PHY U166	
Yr 2 SP	C PHY U166 Lab for PHY U165	1.0 SH
	Coreq(s): C PHY U165	
Yr 2 SP	BS Core Course	4.0 SH
Yr 2 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 SP	C GEO U530 Structural Geology	4.0 SH
	Coreq(s): C GEO U531	
Yr 3 SP	C GEO U531 Lab for GEO U530	1.0 SH
	Coreq(s): C GEO U530	
Yr 3 SP	BS Core Course	4.0 SH
Yr 3 SP	GEO Undergraduate Elective	4.0 SH
Yr 3 SP	Free Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 3 S1	C GEO U400 Field Geology	4.0 SH
Yr 3 S1	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 SP	GEO Undergraduate Elective	4.0 SH
Yr 4 SP	BS Core Course	4.0 SH
Yr 4 SP	GEO Undergraduate Elective	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 S1	BS Core Course	4.0 SH
Yr 4 S1	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 SP	Science Elective	4.0 SH
Yr 5 SP	GEO Undergraduate Elective	4.0 SH
Yr 5 SP	GEO Undergraduate Elective	4.0 SH
Yr 5 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Program Total**138.0 SH**

MDS 316 BS Geology Div B

Yr 1 FL	C GEO U200 Dynamic Earth	4.0 SH
Yr 1 FL	C GEO U201 Lab for GEO U200	1.0 SH
Yr 1 FL	C MTH U141 Calculus 1	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
	Semester Subtotal	18.0 SH
Yr 1 SP	C GEO U220 History of Earth and Life	4.0 SH
Yr 1 SP	C GEO U221 Interpreting Earth History	1.0 SH
Yr 1 SP	C MTH U142 Calculus 2	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C GEO U310 Earth Materials	4.0 SH
	Coreq(s): C GEO U311	
Yr 2 FL	C GEO U311 Lab for GEO U310	1.0 SH
	Coreq(s): C GEO U310	
Yr 2 FL	C PHY U161 Physics 1	4.0 SH
	Coreq(s): C PHY U162	
Yr 2 FL	C PHY U162 Lab for PHY U161	1.0 SH
	Coreq(s): C PHY U161	
Yr 2 FL	C GEO U540 Sedimentary Basin Analysis	4.0 SH
	Coreq(s): C GEO U541	
Yr 2 FL	C GEO U541 Lab for GEO U540	1.0 SH
	Coreq(s): C GEO U540	
Yr 2 FL	BS Core Course	4.0 SH
	Semester Subtotal	19.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	C GEO U400 Field Geology	4.0 SH
Yr 2 S2	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH

Yr 3 FL	C GEO U320 Ign Petrology & Volcanology	4.0 SH
	Coreq(s): C GEO U321	
Yr 3 FL	C GEO U321 Lab for GEO U320	1.0 SH
	Coreq(s): C GEO U320	
Yr 3 FL	C PHY U165 Physics 2	4.0 SH
	Coreq(s): C PHY U166	
Yr 3 FL	C PHY U166 Lab for PHY U165	1.0 SH
	Coreq(s): C PHY U165	
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	BS Core Course	4.0 SH
Yr 3 S2	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 FL	GEO Undergraduate Elective	4.0 SH
Yr 4 FL	BS Core Course	4.0 SH
Yr 4 FL	GEO Undergraduate Elective	4.0 SH
Yr 4 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	GEO Undergraduate Elective	4.0 SH
Yr 5 FL	GEO Undergraduate Elective	4.0 SH
Yr 5 FL	Free Elective	4.0 SH
Yr 5 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 5 SP	C GEO U530 Structural Geology	4.0 SH
	Coreq(s): C GEO U531	
Yr 5 SP	C GEO U531 Lab for GEO U530	1.0 SH
	Coreq(s): C GEO U530	
Yr 5 SP	ScienceElective	4.0 SH
Yr 5 SP	GEO Undergraduate Elective	4.0 SH
Yr 5 SP	BS Core Course	4.0 SH
	Semester Subtotal	17.0 SH

Program Total**138.0 SH**

MDS 316 BS Geology Div C

Yr 1 FL	C GEO U200 Dynamic Earth	4.0 SH
Yr 1 FL	C GEO U201 Lab for GEO U200	1.0 SH
Yr 1 FL	C MTH U141 Calculus 1	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
	Semester Subtotal	18.0 SH
Yr 1 SP	C GEO U220 History of Earth and Life	4.0 SH
Yr 1 SP	C GEO U221 Interpreting Earth History	1.0 SH
Yr 1 SP	C MTH U142 Calculus 2	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C GEO U310 Earth Materials	4.0 SH
	Coreq(s): C GEO U311	
Yr 2 FL	C GEO U311 Lab for GEO U310	1.0 SH
	Coreq(s): C GEO U310	
Yr 2 FL	C PHY U161 Physics 1	4.0 SH
	Coreq(s): C PHY U162	
Yr 2 FL	C PHY U162 Lab for PHY U161	1.0 SH
	Coreq(s): C PHY U161	
Yr 2 FL	C GEO U540 Sedimentary Basin Analysis	4.0 SH
	Coreq(s): C GEO U541	
Yr 2 FL	C GEO U541 Lab for GEO U540	1.0 SH
	Coreq(s): C GEO U540	
Yr 2 FL	BS Core Course	4.0 SH
	Semester Subtotal	19.0 SH
Yr 2 SP	C GEO U320 Ign Petrology & Volcanology	4.0 SH
	Coreq(s): C GEO U321	
Yr 2 SP	C GEO U321 Lab for GEO U320	1.0 SH
	Coreq(s): C GEO U320	
Yr 2 SP	C PHY U165 Physics 2	4.0 SH
	Coreq(s): C PHY U166	
Yr 2 SP	C PHY U166 Lab for PHY U165	1.0 SH
	Coreq(s): C PHY U165	
Yr 2 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 2 SP	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 FL	GEO Undergraduate Elective	4.0 SH
Yr 3 FL	BS Core Course	4.0 SH
Yr 3 FL	BS Core Course	4.0 SH
Yr 3 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 SP	C GEO U530 Structural Geology	4.0 SH
	Coreq(s): C GEO U531	
Yr 3 SP	C GEO U531 Lab for GEO U530	1.0 SH
	Coreq(s): C GEO U530	
Yr 3 SP	BS Core Course	4.0 SH
Yr 3 SP	GEO Undergraduate Elective	4.0 SH
Yr 3 SP	Free Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 3 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	GEO Undergraduate Elective	4.0 SH
Yr 4 FL	GEO Undergraduate Elective	4.0 SH
Yr 4 FL	Free Elective	4.0 SH
Yr 4 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	Science Elective	4.0 SH
Yr 4 SP	GEO Undergraduate Elective	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Program Total 138.0 SH