Environmental Science & Stewardship Major (125 Credits)

ENVIRONMENTAL SCIENCE & STEWARDS	- , ,
Core Curriculum (63 credits plus foreign language)	Recommended Course Sequence
BIB203 Theology of the Bible I	First Year
BIB213 Theology of the Bible II	
BIB223 Principles of Biblical Reasoning	Fall Semester BIB203 Theology of the Bible I 3
CLA213 Logic	BIB203 Theology of the Bible I 3 CLA233 Rhetoric & Composition 3
CLA233 Rhetoric & Composition	HIS223 History of Western Civilization I 3
ECO303 Economics for the Citizen GOV203 Constitutional Law	LIT213 Western Literature I 3
GOV203 Constitutional Law GOV213 Freedom's Foundations I	PHC231 Recitation <u>1</u>
GOV223 Freedom's Foundations II	Establish plan to attain language proficiency 13
HIS203 History of the United States I	Spring Semester
HIS213 History of the United States II	BIB213 Theology of the Bible II 3
HIS223 History of Western Civilization I	CLA213 Logic 3
HIS233 History of Western Civilization II	HIS233 History of Western Civilization II 3
LIT213 Western Literature I	LIT223 Western Literature II 3
LIT223 Western Literature II	SCI221 Biology Lab 1
MAT203 Euclidean Geometry	SCI223 Biology 3
MUS303 Music History & Appreciation PHC231 Recitation	Establish plan to attain language proficiency 16
PHI203 Philosophy	C 1 V
SCI223 Biology	Second Year
SCI221 Biology Laboratory	Fall Semester
SCI233 Physics	GOV213 Freedom's Foundations I 3
SCI231 Physics Laboratory	HIS203 History of the United States I 3
Modern/Classical Foreign Language (see Foreign Language	MAT203 Euclidean Geometry 3
Requirements)	SCI301 General Chemistry I Laboratory 1
Major Courses (50 credits)	SCI303 General Chemistry I 3
	Open Elective or Foreign Language I 3
ESS Courses (28 credits)	
MAT323 Statistics I: Parametric Statistics	Spring Semester
MAT343 Calculus I: Single Variable Calculus Theory	GOV223 Freedom's Foundations II 3
PHI393 Philosophy of Stewardship	HIS213 History of the United States II 3
SCI301 General Chemistry I Laboratory	SCI311 General Chemistry II Laboratory 1 SCI313 General Chemistry II 3
SCI303 General Chemistry I SCI311 General Chemistry II Laboratory	SCI313 General Chemistry II 3 SCI321 Biology II Laboratory 1
SCI311 General Chemistry II Laboratory SCI313 General Chemistry II	SCI323 Biology II Laboratory 1 SCI323 Biology II 3
SCI321 Biology II Laboratory	Open Elective or Foreign Language II 3
SCI323 Biology II	17
SCI381 Earth Science Laboratory	Tl:1V
SCI383 Earth Science	Third Year
SCI433 Environmental Science	Fall Semester
Apprenticeship Courses (7 credits)	MAT 323 Statistics I: Parametric Statistics 3
SCI470 Clinical or Research Internship (4 credits)	PHI203 Philosophy 3
SCI490 Directed Research in Science & Stewardship (3	SCI381 Earth Science Laboratory 1
credits)	SCI383 Earth Science 3 Open Elective or Foreign Language III 3
Major Electives (Choose 15 credits)	Open Elective or Foreign Language III 3 Major Elective 3
ESS333 Introduction to Geographic Information Systems	16
ESS433 Environmental Applications of Geographic	
Information Systems	Spring Semester PHI393 Philosophy of Stewardship 3
ESS483 Topics in Environmental Science & Stewardship GOV363 Environmental Law & Policy	1 / 1
GOV363 Environmental Law & Policy MAT353 Calculus II: Applied Single Variable Calculus	SCI231 Physics Laboratory 1 SCI233 Physics 3
PHI403 Ethics	SCI433 Environmental Science 3
SCI331 Physics II Laboratory	Open Elective or Foreign Language IV 3
SCI333 Physics II	Major Elective 3
SCI341 Organic Chemistry I Laboratory	16
SCI343 Organic Chemistry I	
SCI351 Organic Chemistry II Laboratory	Fourth Year
SCI353 Organic Chemistry II	Fall Semester
SCI403 Ecology	
SCI413 Hydrology	BIB223 Principles of Biblical Reasoning 3 GOV203 Constitutional Law 3
SCI423 Origins	MAT343 Calculus I: Single Variable Calculus Theory 3
SCI490 Directed Research in Science & Stewardship (up to	SCI470 Clinical or Research Internship 4
4 credits)	Major Elective 3
Open Electives (12 credits)	16
•	Spring Semester
Credit earned in the attainment of foreign language ability may be applied to Open Electives.	ECO303 Economics for the Citizen 3
w Spen Lucines.	MUS303 Music History & Appreciation 3
	SCI490 Directed Research in Science & Stewardship 3
	Major Elective <u>6</u>
	15
	40

PHC CATALOG 2021-2022 Environmental Science & Stewardship—Law & Policy Track (125 Credits) **Recommended Course Sequence Core Curriculum** (63 credits plus foreign language) BIB203 Theology of the Bible I First Year BIB213 Theology of the Bible II Fall Semester BIB223 Principles of Biblical Reasoning BIB203 Theology of the Bible I CLA213 Logic CLA233 Rhetoric & Composition CLA233 Rhetoric & Composition HIS223 History of Western Civilization I ECO303 Economics for the Citizen LIT213 Western Literature I 3 GOV203 Constitutional Law PHC231 Recitation GOV213 Freedom's Foundations I Establish plan to attain language proficiency 13 GOV223 Freedom's Foundations II HIS203 History of the United States I **Spring Semester** Theology of the Bible II HIS213 History of the United States II BIB213 HIS223 History of Western Civilization I CLA213 Logic HIS233 History of Western Civilization II HIS233 History of Western Civilization II LIT213 Western Literature I LIT223 Western Literature II LIT223 Western Literature II SCI221 Biology Laboratory MAT203 Euclidean Geometry SCI223 Biology 3 MUS303 Music History & Appreciation Establish plan to attain language proficiency PHC231 Recitation PHI203 Philosophy Second Year SCI223 Biology SCI221 Biology Laboratory **Fall Semester** GOV213 Freedom's Foundations I SCI233 Physics HIS203 History of the United States I SCI231 Physics Laboratory Modern/Classical Foreign Language (see Foreign Language MAT203 Euclidean Geometry General Chemistry I Laboratory SCI301 Requirements) SCI303 General Chemistry I 3 Major Courses (50 credits) Open Elective or Foreign Language I 3 16 ESS Courses (28 credits) MAT323 Statistics I: Parametric Statistics Spring Semester MAT343 Calculus I: Single Variable Calculus Theory GOV223 Freedom's Foundations II 3 PHI393 Philosophy of Stewardship HIS213 History of the United States II 3 SCI301 General Chemistry I Laboratory SCI311 General Chemistry II Laboratory SCI303 General Chemistry I SCI313 General Chemistry II SCI311 General Chemistry II Laboratory SCI321 Biology II Laboratory SCI313 General Chemistry II SCI323 Biology II SCI321 Biology II Laboratory Open Elective or Foreign Language II 3 SCI323 Biology II 17 Earth Science Laboratory Third Year SCI381 SCI383 Earth Science **Fall Semester** SCI433 Environmental Science MAT323 Statistics I: Parametric Statistics Track Courses (12 credits) Philosophy PHI203 3 APP403 Principles of Policy Analysis SCI381 Earth Science Laboratory Internship in American Politics & Policy (3 credits) SCI383 Earth Science GOV363 Environmental Law & Policy Open Elective or Foreign Language III 3 And, one of the following: Track Course 3 APP303 State & Local Government GOV313 Political Science Research Methods Spring Semester **Apprenticeship Courses** (3 credits) PHI393 Philosophy of Stewardship 3 Directed Research in Science & Stewardship (3 credits) SCI433 Environmental Science 3 **Major Electives** (Choose 7 credits) SCI231 Physics Laboratory Introduction to Geographic Information Systems SCI233 Physics ESS433 Environmental Applications of Geographic Open Elective or Foreign Language IV 3 Information Systems Track Course 3 ESS483 Topics in Environmental Science & Stewardship Calculus II: Applied Single Variable Calculus Fourth Year PHI403 Ethics SCI331 Physics II Laboratory Fall Semester SCI333 Physics II Principles of Biblical Reasoning BIB223 Ecology SCI403 **GOV203** Constitutional Law 3 SCI413 Hydrology MAT343 Calculus I: Single Variable Calculus Theory 3 SCI423 Origins Track Course 3 SCI490 Directed Research in Science & Stewardship (up to Major Elective $\frac{4}{2}$ 4 credits) 16 **Open Electives** (12 credits) Spring Semester

49

Credit earned in the attainment of foreign language ability may be applied

to Open Electives.

ECO303

MUS303

SCI490

Economics for the Citizen

Track Course

Major Elective

Music History & Appreciation

Directed Research in Science & Stewardship

3

3

3

3

3 15

Environmental Science & Stewardshi	IP—PRE-MEI	D TRACK (125 CREDITS)	
Core Curriculum (63 credits plus foreign language)		ed Course Sequence	
BIB203 Theology of the Bible I	First Year		
BIB213 Theology of the Bible II			
BIB223 Principles of Biblical Reasoning	Fall Sem		
CLA213 Logic	BIB203	Theology of the Bible I	
CLA233 Rhetoric & Composition	CLA233 HIS223	Rhetoric & Composition History of Western Civilization I	
ECO303 Economics for the Citizen	LIT213	Western Literature I	
GOV203 Constitutional Law	PHC231	Recitation	
GOV213 Freedom's Foundations I GOV223 Freedom's Foundations II		an to attain language proficiency	
HIS203 History of the United States I	Spring S		
HIS213 History of the United States II	BIB213	Theology of the Bible II	
HIS223 History of Western Civilization I	CLA213	Logic	
HIS233 History of Western Civilization II	HIS233	History of Western Civilization II	
LIT213 Western Literature I	LIT223	Western Literature II	
LIT223 Western Literature II	SCI221	Biology Laboratory	
MAT203 Euclidean Geometry	SCI223	Biology	
MUS303 Music History & Appreciation PHC231 Recitation	Establish pl	an to attain language proficiency	
PHC231 Recitation PHI203 Philosophy	Second Yea	nr	
SCI223 Biology			
SCI221 Biology Laboratory	Fall Sem	ester Freedom's Foundations I	
SCI233 Physics	GOV213 HIS203	History of the United States I	
SCI231 Physics Laboratory	MAT343	Calculus I: Single Variable Calculus Theory	
Classical Foreign Language (see Foreign Language	SCI231	Physics Laboratory	
Requirements)	SCI233	Physics	
Major Courses (50 credits)	SCI301	General Chemistry I Laboratory	
,	SCI303	General Chemistry I	
ESS Courses (28 credits)			
MAT323 Statistics I: Parametric Statistics	Spring S	emester	
MAT343 Calculus I: Single Variable Calculus Theory PHI393 Philosophy of Stewardship	GOV223	Freedom's Foundations II	
SCI301 General Chemistry I Laboratory	HIS213	History of the United States II	
SCI303 General Chemistry I	MAT203	Euclidean Geometry	
SCI311 General Chemistry II Laboratory	SCI311	General Chemistry II Laboratory	
SCI313 General Chemistry II	SCI313	General Chemistry II	
SCI321 Biology II Laboratory		Major Elective*	
SCI323 Biology II	Third Year		
SCI381 Earth Science Laboratory			
SCI383 Earth Science SCI433 Environmental Science	Fall Sem		
Track Courses (12 credits)	BIB223 GOV203	Principles of Biblical Reasoning Constitutional Law	
	MAT323	Statistics I: Parametric Statistics	
SCI341 Organic Chemistry I Laboratory SCI343 Organic Chemistry I	SCI341	Organic Chemistry I Laboratory	
SCI351 Organic Chemistry II Laboratory	SCI343	Organic Chemistry I	
SCI353 Organic Chemistry II		Open Elective or Foreign Language I	
SCI470 Clinical or Research Internship (4 credits)			
Apprenticeship Courses (3 credits)	Spring S	emester	
SCI490 Directed Research in Science & Stewardship (3 credits)	ECO303	Economics for the Citizen	
Major Electives (Choose 7 credits)	MUS303	Music History & Appreciation	
ESS333 Introduction to Geographic Information Systems	SCI321	Biology Laboratory II	
ESS433 Environmental Applications of Geographic	SCI323	Biology II	
Information Systems	SCI351	Organic Chemistry II Laboratory	
ESS483 Topics in Environmental Science & Stewardship	SCI353	Organic Chemistry II	
MAT353 Calculus II: Applied Single Variable Calculus		Open Elective or Foreign Language II	
PHI403 Ethics	Fourth Yea	r	
SCI331 Physics II Laboratory* SCI333 Physics II*	Fall Sem		
SCI403 Ecology			
SCI413 Hydrology	PHI203 SCI381	Philosophy Earth Science Laboratory	
SCI423 Origins	SCI383	Earth Science	
SCI490 Directed Research in Science & Stewardship (up to	SCI470	Clinical or Research Internship	
4 credits)		Open Elective or Foreign Language III	
Open Electives (12 credits)		- 00	
_	Spring S	emester	
Credit earned in the attainment of foreign language ability may be applied	PHI393	Philosophy of Stewardship	
to Open Electives.	SCI433	Environmental Science	
	SCI490	Directed Research in Science & Stewardship	
* Recommended Major Electives for Pre-Med students		Open Elective or Foreign Language IV	
		Major Electives	

50

	RDSHIP—SCIENCE PEDAGOGY TRACK (125 CREDITS)
Core Curriculum (63 credits plus foreign lan BIB203 Theology of the Bible I	
BIB213 Theology of the Bible II	First Year
BIB223 Principles of Biblical Reasoning	Fall Semester
CLA213 Logic	BIB203 Theology of the Bible I 3
CLA233 Rhetoric & Composition	CLA233 Rhetoric & Composition 3
ECO303 Economics for the Citizen	HIS223 History of Western Civilization I 3
GOV203 Constitutional Law	LIT213 Western Literature I 3 PHC231 Recitation 1
GOV213 Freedom's Foundations I	PHC231 Recitation <u>1</u> Establish plan to attain language proficiency 13
GOV223 Freedom's Foundations II HIS203 History of the United States I	issuosisti puni so usuuti unguage projectively
HIS203 History of the United States I HIS213 History of the United States II	Spring Samastar
HIS223 History of Western Civilization I	Spring Semester BIB213 Theology of the Bible II 3
HIS233 History of Western Civilization II	CLA213 Logic 3
LIT213 Western Literature I	HIS233 History of Western Civilization II 3
LIT223 Western Literature II	LIT223 Western Literature II 3
MAT203 Euclidean Geometry	SCI221 Biology Lab
MUS303 Music History & Appreciation	SCI223 Biology 3
PHC231 Recitation PHI203 Philosophy	Establish plan to attain language proficiency 16
PHI203 Philosophy SCI223 Biology	0 137
SCI223 Biology SCI221 Biology Laboratory	Second Year
SCI233 Physics	Fall Semester
SCI231 Physics Laboratory	GOV213 Freedom's Foundations I 3
Modern/Classical Foreign Language (see Foreign Language	HIS203 History of the United States I 3
Requirements)	MAT323 Statistics I: Parametric Statistics 3
Major Courses (50 andita)	SCI231 Physics Laboratory 1
Major Courses (50 credits)	SCI233 Physics 3 SCI301 General Chemistry I Laboratory 1
ESS Courses (28 credits)	SCI303 General Chemistry I Laboratory 3
MAT323 Statistics I: Parametric Statistics	17
MAT343 Calculus I: Single Variable Calculus Theory	
PHI393 Philosophy of Stewardship SCI301 General Chemistry I Laboratory	Spring Semester GOV223 Freedom's Foundations II 3
SCI303 General Chemistry I	HIS213 History of the United States II 3
SCI311 General Chemistry II Laboratory	MAT203 Euclidean Geometry 3
SCI313 General Chemistry II	SCI311 General Chemistry II Laboratory 1
SCI321 Biology II Laboratory	SCI313 General Chemistry II 3
SCI323 Biology II	SCI321 Biology II Laboratory 1
SCI381 Earth Science Laboratory	SCI323 Biology II 3
SCI383 Earth Science SCI433 Environmental Science	17
Track Courses (12 credits)	Third Year
PED303 History & Philosophy of Education	Fall Semester
PED313 Educational Theories	MAT343 Calculus I: Single Variable Calculus Theory 3
PED470 Internship in Pedagogy (3 credits)	PHI203 Philosophy 3
And, one of the following:	SC1381 Earth Science Laboratory 1
PED333 Curriculum & Instruction	SCI383 Earth Science 3
PED363 Management, Motivation, & Assessment	Open Elective or Foreign Language I 3
Apprenticeship Courses (3 credits)	Track Course 3
SCI490 Directed Research in Science & Stewardship	credits)
Major Electives (Choose 7 credits)	Spring Semester
ESS333 Introduction to Geographic Information Syst	
ESS483 Topics in Environmental Science & Stewards	P SCI433 Environmental Science 3 Open Elective or Foreign Language II 3
ESS433 Environmental Applications of Geographic	Track Courses 6
Information Systems MAT353 Calculus II: Applied Single Variable Calculus	15
PHI403 Ethics	Fourth Year
SCI331 Physics II Laboratory	
SCI333 Physics II	Fall Semester
SCI403 Ecology	BIB223 Principles of Biblical Reasoning 3
SCI413 Hydrology	GOV203 Constitutional Law 3
SCI423 Origins	Open Elective or Foreign Language III 3 p to 4 Track Course 3
SCI490 Directed Research in Science & Stewardship (p to 4 Major Elective 4
credits)	16 16
Open Electives (12 credits)	Spring Semester
Credit earned in the attainment of foreign language ability may be	
to Open Electives.	MUS303 Music History & Appreciation 3
A	SCI490 Directed Research in Science & Stewardship 3
	Open Elective or Foreign Language IV 3
	Major Elective $\frac{3}{15}$
	15
	C 1