

## ENVIRONMENTAL SCIENCE & STEWARDSHIP MAJOR (125 CREDITS)

### Core Curriculum (63 credits plus foreign language)

BIB203	Theology of the Bible I
BIB213	Theology of the Bible II
BIB223	Principles of Biblical Reasoning
CLA213	Logic
CLA233	Rhetoric & Composition
ECO303	Economics for the Citizen
GOV203	Constitutional Law
GOV213	Freedom's Foundations I
GOV223	Freedom's Foundations II
HIS203	History of the United States I
HIS213	History of the United States II
HIS223	History of Western Civilization I
HIS233	History of Western Civilization II
LIT213	Western Literature I
LIT223	Western Literature II
MAT203	Euclidean Geometry
MUS303	Music History & Appreciation
PHC231	Recitation
PHI203	Philosophy
SCI223	Biology
SCI221	Biology Laboratory
SCI233	Physics
SCI231	Physics Laboratory
Modern/Classical Foreign Language (see Foreign Language Requirements)	

### Major Courses (50 credits)

#### ESS Courses (28 credits)

MAT323	Statistics I: Parametric Statistics
MAT343	Calculus I: Single Variable Calculus Theory
PHI393	Philosophy of Stewardship
SCI301	General Chemistry I Laboratory
SCI303	General Chemistry I
SCI311	General Chemistry II Laboratory
SCI313	General Chemistry II
SCI321	Biology II Laboratory
SCI323	Biology II
SCI381	Earth Science Laboratory
SCI383	Earth Science
SCI433	Environmental Science

#### Apprenticeship Courses (7 credits)

SCI470	Clinical or Research Internship (4 credits)
SCI490	Directed Research in Science & Stewardship (3 credits)

#### Major Electives (Choose 15 credits)

ESS333	Introduction to Geographic Information Systems
ESS433	Environmental Applications of Geographic Information Systems
ESS483	Topics in Environmental Science & Stewardship
GOV363	Environmental Law & Policy
MAT353	Calculus II: Applied Single Variable Calculus
PHI403	Ethics
SCI331	Physics II Laboratory
SCI333	Physics II
SCI341	Organic Chemistry I Laboratory
SCI343	Organic Chemistry I
SCI351	Organic Chemistry II Laboratory
SCI353	Organic Chemistry II
SCI403	Ecology
SCI413	Hydrology
SCI423	Origins
SCI490	Directed Research in Science & Stewardship (up to 4 credits)

### Open Electives (12 credits)

*Credit earned in the attainment of foreign language ability may be applied to Open Electives.*

### Recommended Course Sequence

#### First Year

##### Fall Semester

BIB203	Theology of the Bible I	3
CLA233	Rhetoric & Composition	3
HIS223	History of Western Civilization I	3
LIT213	Western Literature I	3
PHC231	Recitation	1
<i>Establish plan to attain language proficiency</i>		13

##### Spring Semester

BIB213	Theology of the Bible II	3
CLA213	Logic	3
HIS233	History of Western Civilization II	3
LIT223	Western Literature II	3
SCI221	Biology Lab	1
SCI223	Biology	3
<i>Establish plan to attain language proficiency</i>		16

#### Second Year

##### Fall Semester

GOV213	Freedom's Foundations I	3
HIS203	History of the United States I	3
MAT203	Euclidean Geometry	3
SCI301	General Chemistry I Laboratory	1
SCI303	General Chemistry I	3
Open Elective or Foreign Language I		3
		16

##### Spring Semester

GOV223	Freedom's Foundations II	3
HIS213	History of the United States II	3
SCI311	General Chemistry II Laboratory	1
SCI313	General Chemistry II	3
SCI321	Biology II Laboratory	1
SCI323	Biology II	3
Open Elective or Foreign Language II		3
		17

#### Third Year

##### Fall Semester

MAT323	Statistics I: Parametric Statistics	3
PHI203	Philosophy	3
SCI381	Earth Science Laboratory	1
SCI383	Earth Science	3
Open Elective or Foreign Language III		3
Major Elective		3
		16

##### Spring Semester

PHI393	Philosophy of Stewardship	3
SCI231	Physics Laboratory	1
SCI233	Physics	3
SCI433	Environmental Science	3
Open Elective or Foreign Language IV		3
Major Elective		3
		16

#### Fourth Year

##### Fall Semester

BIB223	Principles of Biblical Reasoning	3
GOV203	Constitutional Law	3
MAT343	Calculus I: Single Variable Calculus Theory	3
SCI470	Clinical or Research Internship	4
Major Elective		3
		16

##### Spring Semester

ECO303	Economics for the Citizen	3
MUS303	Music History & Appreciation	3
SCI490	Directed Research in Science & Stewardship	3
Major Elective		6
		15

## ENVIRONMENTAL SCIENCE & STEWARDSHIP—LAW & POLICY TRACK (125 CREDITS)

### Core Curriculum (63 credits plus foreign language)

BIB203	Theology of the Bible I
BIB213	Theology of the Bible II
BIB223	Principles of Biblical Reasoning
CLA213	Logic
CLA233	Rhetoric & Composition
ECO303	Economics for the Citizen
GOV203	Constitutional Law
GOV213	Freedom's Foundations I
GOV223	Freedom's Foundations II
HIS203	History of the United States I
HIS213	History of the United States II
HIS223	History of Western Civilization I
HIS233	History of Western Civilization II
LIT213	Western Literature I
LIT223	Western Literature II
MAT203	Euclidean Geometry
MUS303	Music History & Appreciation
PHC231	Recitation
PHI203	Philosophy
SCI223	Biology
SCI221	Biology Laboratory
SCI233	Physics
SCI231	Physics Laboratory
Modern/Classical Foreign Language (see Foreign Language Requirements)	

### Major Courses (50 credits)

#### ESS Courses (28 credits)

MAT323	Statistics I: Parametric Statistics
MAT343	Calculus I: Single Variable Calculus Theory
PHI393	Philosophy of Stewardship
SCI301	General Chemistry I Laboratory
SCI303	General Chemistry I
SCI311	General Chemistry II Laboratory
SCI313	General Chemistry II
SCI321	Biology II Laboratory
SCI323	Biology II
SCI381	Earth Science Laboratory
SCI383	Earth Science
SCI433	Environmental Science

#### Track Courses (12 credits)

APP403	Principles of Policy Analysis
APP470	Internship in American Politics & Policy (3 credits)
GOV363	Environmental Law & Policy
And, one of the following:	
APP303	State & Local Government
GOV313	Political Science Research Methods

#### Apprenticeship Courses (3 credits)

SCI490	Directed Research in Science & Stewardship (3 credits)
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#### Major Electives (Choose 7 credits)

ESS333	Introduction to Geographic Information Systems
ESS433	Environmental Applications of Geographic Information Systems
ESS483	Topics in Environmental Science & Stewardship
MAT353	Calculus II: Applied Single Variable Calculus
PHI403	Ethics
SCI331	Physics II Laboratory
SCI333	Physics II
SCI403	Ecology
SCI413	Hydrology
SCI423	Origins
SCI490	Directed Research in Science & Stewardship (up to 4 credits)

### Open Electives (12 credits)

*Credit earned in the attainment of foreign language ability may be applied to Open Electives.*

### Recommended Course Sequence

#### First Year

##### Fall Semester

BIB203	Theology of the Bible I	3
CLA233	Rhetoric & Composition	3
HIS223	History of Western Civilization I	3
LIT213	Western Literature I	3
PHC231	Recitation	1
<i>Establish plan to attain language proficiency</i>		13

##### Spring Semester

BIB213	Theology of the Bible II	3
CLA213	Logic	3
HIS233	History of Western Civilization II	3
LIT223	Western Literature II	3
SCI221	Biology Laboratory	1
SCI223	Biology	3
<i>Establish plan to attain language proficiency</i>		16

#### Second Year

##### Fall Semester

GOV213	Freedom's Foundations I	3
HIS203	History of the United States I	3
MAT203	Euclidean Geometry	3
SCI301	General Chemistry I Laboratory	1
SCI303	General Chemistry I	3
Open Elective or Foreign Language I		3
		16

##### Spring Semester

GOV223	Freedom's Foundations II	3
HIS213	History of the United States II	3
SCI311	General Chemistry II Laboratory	1
SCI313	General Chemistry II	3
SCI321	Biology II Laboratory	1
SCI323	Biology II	3
Open Elective or Foreign Language II		3
		17

#### Third Year

##### Fall Semester

MAT323	Statistics I: Parametric Statistics	3
PHI203	Philosophy	3
SCI381	Earth Science Laboratory	1
SCI383	Earth Science	3
Open Elective or Foreign Language III		3
Track Course		3
		16

##### Spring Semester

PHI393	Philosophy of Stewardship	3
SCI433	Environmental Science	3
SCI231	Physics Laboratory	1
SCI233	Physics	3
Open Elective or Foreign Language IV		3
Track Course		3
		16

#### Fourth Year

##### Fall Semester

BIB223	Principles of Biblical Reasoning	3
GOV203	Constitutional Law	3
MAT343	Calculus I: Single Variable Calculus Theory	3
Track Course		3
Major Elective		4
		16

##### Spring Semester

ECO303	Economics for the Citizen	3
MUS303	Music History & Appreciation	3
SCI490	Directed Research in Science & Stewardship	3
Track Course		3
Major Elective		3
		15

## ENVIRONMENTAL SCIENCE & STEWARDSHIP—PRE-MED TRACK (125 CREDITS)

### Core Curriculum (63 credits plus foreign language)

BIB203	Theology of the Bible I
BIB213	Theology of the Bible II
BIB223	Principles of Biblical Reasoning
CLA213	Logic
CLA233	Rhetoric & Composition
ECO303	Economics for the Citizen
GOV203	Constitutional Law
GOV213	Freedom's Foundations I
GOV223	Freedom's Foundations II
HIS203	History of the United States I
HIS213	History of the United States II
HIS223	History of Western Civilization I
HIS233	History of Western Civilization II
LIT213	Western Literature I
LIT223	Western Literature II
MAT203	Euclidean Geometry
MUS303	Music History & Appreciation
PHC231	Recitation
PHI203	Philosophy
SCI223	Biology
SCI221	Biology Laboratory
SCI233	Physics
SCI231	Physics Laboratory
Classical Foreign Language (see Foreign Language Requirements)	

### Major Courses (50 credits)

#### ESS Courses (28 credits)

MAT323	Statistics I: Parametric Statistics
MAT343	Calculus I: Single Variable Calculus Theory
PHI393	Philosophy of Stewardship
SCI301	General Chemistry I Laboratory
SCI303	General Chemistry I
SCI311	General Chemistry II Laboratory
SCI313	General Chemistry II
SCI321	Biology II Laboratory
SCI323	Biology II
SCI381	Earth Science Laboratory
SCI383	Earth Science
SCI433	Environmental Science

#### Track Courses (12 credits)

SCI341	Organic Chemistry I Laboratory
SCI343	Organic Chemistry I
SCI351	Organic Chemistry II Laboratory
SCI353	Organic Chemistry II
SCI470	Clinical or Research Internship (4 credits)

#### Apprenticeship Courses (3 credits)

SCI490	Directed Research in Science & Stewardship (3 credits)
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#### Major Electives (Choose 7 credits)

ESS333	Introduction to Geographic Information Systems
ESS433	Environmental Applications of Geographic Information Systems
ESS483	Topics in Environmental Science & Stewardship
MAT353	Calculus II: Applied Single Variable Calculus
PHI403	Ethics
SCI331	Physics II Laboratory*
SCI333	Physics II*
SCI403	Ecology
SCI413	Hydrology
SCI423	Origins
SCI490	Directed Research in Science & Stewardship (up to 4 credits)

### Open Electives (12 credits)

*Credit earned in the attainment of foreign language ability may be applied to Open Electives.*

*\* Recommended Major Electives for Pre-Med students*

### Recommended Course Sequence

#### First Year

##### Fall Semester

BIB203	Theology of the Bible I	3
CLA233	Rhetoric & Composition	3
HIS223	History of Western Civilization I	3
LIT213	Western Literature I	3
PHC231	Recitation	1
<i>Establish plan to attain language proficiency</i>		13

##### Spring Semester

BIB213	Theology of the Bible II	3
CLA213	Logic	3
HIS233	History of Western Civilization II	3
LIT223	Western Literature II	3
SCI221	Biology Laboratory	1
SCI223	Biology	2
<i>Establish plan to attain language proficiency</i>		16

#### Second Year

##### Fall Semester

GOV213	Freedom's Foundations I	3
HIS203	History of the United States I	3
MAT343	Calculus I: Single Variable Calculus Theory	3
SCI231	Physics Laboratory	1
SCI233	Physics	3
SCI301	General Chemistry I Laboratory	1
SCI303	General Chemistry I	2
		17

##### Spring Semester

GOV223	Freedom's Foundations II	3
HIS213	History of the United States II	3
MAT203	Euclidean Geometry	3
SCI311	General Chemistry II Laboratory	1
SCI313	General Chemistry II	3
Major Elective*		4
		17

#### Third Year

##### Fall Semester

BIB223	Principles of Biblical Reasoning	3
GOV203	Constitutional Law	3
MAT323	Statistics I: Parametric Statistics	3
SCI341	Organic Chemistry I Laboratory	1
SCI343	Organic Chemistry I	3
Open Elective or Foreign Language I		3
		16

##### Spring Semester

ECO303	Economics for the Citizen	3
MUS303	Music History & Appreciation	3
SCI321	Biology Laboratory II	1
SCI323	Biology II	3
SCI351	Organic Chemistry II Laboratory	1
SCI353	Organic Chemistry II	3
Open Elective or Foreign Language II		2
		17

#### Fourth Year

##### Fall Semester

PHI203	Philosophy	3
SCI381	Earth Science Laboratory	1
SCI383	Earth Science	3
SCI470	Clinical or Research Internship	4
Open Elective or Foreign Language III		2
		14

##### Spring Semester

PHI393	Philosophy of Stewardship	3
SCI433	Environmental Science	3
SCI490	Directed Research in Science & Stewardship	3
Open Elective or Foreign Language IV		3
Major Electives		2
		15

# ENVIRONMENTAL SCIENCE & STEWARDSHIP—SCIENCE PEDAGOGY TRACK (125 CREDITS)

## Core Curriculum (63 credits plus foreign language)

BIB203	Theology of the Bible I
BIB213	Theology of the Bible II
BIB223	Principles of Biblical Reasoning
CLA213	Logic
CLA233	Rhetoric & Composition
ECO303	Economics for the Citizen
GOV203	Constitutional Law
GOV213	Freedom's Foundations I
GOV223	Freedom's Foundations II
HIS203	History of the United States I
HIS213	History of the United States II
HIS223	History of Western Civilization I
HIS233	History of Western Civilization II
LIT213	Western Literature I
LIT223	Western Literature II
MAT203	Euclidean Geometry
MUS303	Music History & Appreciation
PHC231	Recitation
PHI203	Philosophy
SCI223	Biology
SCI221	Biology Laboratory
SCI233	Physics
SCI231	Physics Laboratory
Modern/Classical Foreign Language (see Foreign Language Requirements)	

## Major Courses (50 credits)

### ESS Courses (28 credits)

MAT323	Statistics I: Parametric Statistics
MAT343	Calculus I: Single Variable Calculus Theory
PHI393	Philosophy of Stewardship
SCI301	General Chemistry I Laboratory
SCI303	General Chemistry I
SCI311	General Chemistry II Laboratory
SCI313	General Chemistry II
SCI321	Biology II Laboratory
SCI323	Biology II
SCI381	Earth Science Laboratory
SCI383	Earth Science
SCI433	Environmental Science

### Track Courses (12 credits)

PED303	History & Philosophy of Education
PED313	Educational Theories
PED470	Internship in Pedagogy (3 credits)
And, one of the following:	
PED333	Curriculum & Instruction
PED363	Management, Motivation, & Assessment

### Apprenticeship Courses (3 credits)

SCI490	Directed Research in Science & Stewardship (3 credits)
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### Major Electives (Choose 7 credits)

ESS333	Introduction to Geographic Information Systems
ESS483	Topics in Environmental Science & Stewardship
ESS433	Environmental Applications of Geographic Information Systems
MAT353	Calculus II: Applied Single Variable Calculus
PHI403	Ethics
SCI331	Physics II Laboratory
SCI333	Physics II
SCI403	Ecology
SCI413	Hydrology
SCI423	Origins
SCI490	Directed Research in Science & Stewardship (up to 4 credits)

## Open Electives (12 credits)

*Credit earned in the attainment of foreign language ability may be applied to Open Electives.*

## Recommended Course Sequence

### First Year

#### Fall Semester

BIB203	Theology of the Bible I	3
CLA233	Rhetoric & Composition	3
HIS223	History of Western Civilization I	3
LIT213	Western Literature I	3
PHC231	Recitation	1
<i>Establish plan to attain language proficiency</i>		13

#### Spring Semester

BIB213	Theology of the Bible II	3
CLA213	Logic	3
HIS233	History of Western Civilization II	3
LIT223	Western Literature II	3
SCI221	Biology Lab	1
SCI223	Biology	3
<i>Establish plan to attain language proficiency</i>		16

### Second Year

#### Fall Semester

GOV213	Freedom's Foundations I	3
HIS203	History of the United States I	3
MAT323	Statistics I: Parametric Statistics	3
SCI231	Physics Laboratory	1
SCI233	Physics	3
SCI301	General Chemistry I Laboratory	1
SCI303	General Chemistry I	3
		17

#### Spring Semester

GOV223	Freedom's Foundations II	3
HIS213	History of the United States II	3
MAT203	Euclidean Geometry	3
SCI311	General Chemistry II Laboratory	1
SCI313	General Chemistry II	3
SCI321	Biology II Laboratory	1
SCI323	Biology II	3
		17

### Third Year

#### Fall Semester

MAT343	Calculus I: Single Variable Calculus Theory	3
PHI203	Philosophy	3
SCI381	Earth Science Laboratory	1
SCI383	Earth Science	3
Open Elective or Foreign Language I		3
Track Course		3
		16

#### Spring Semester

PHI393	Philosophy of Stewardship	3
SCI433	Environmental Science	3
Open Elective or Foreign Language II		3
Track Courses		6
		15

### Fourth Year

#### Fall Semester

BIB223	Principles of Biblical Reasoning	3
GOV203	Constitutional Law	3
Open Elective or Foreign Language III		3
Track Course		3
Major Elective		4
		16

#### Spring Semester

ECO303	Economics for the Citizen	3
MUS303	Music History & Appreciation	3
SCI490	Directed Research in Science & Stewardship	3
Open Elective or Foreign Language IV		3
Major Elective		3
		15