

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		2
		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