



Ferrum College Eight-Semester Plans

FERRUM COLLEGE B.S. DEGREE IN ENVIRONMENTAL SCIENCE

FRESHMAN (FALL)

Course Number	Credits
ESC 102 Intro Environmental Science	4
BIO 110 Introductory Biology I	4
Liberal Arts Core (Activity)	1
GWS 101 Gateway Seminar	2
ENG 101 Composition and Rhetoric (grade of "C" or higher)	3
TOTAL	14

FRESHMAN (SPRING)

Course Number	Credits
ESC 103 Applied Environmental Monitoring	4
MTH 111 Pre-Calculus I	3
BIO 111 (if not 110 in Fall)	4
Liberal Arts Core (History)	3
ENG 102 Composition and Research (grade of "C" or higher)	3
TOTAL	17

SOPHOMORE (FALL)

Course Number	Credits
ESC 202 Quantitative Methods & Statistics	4
Liberal Arts Core (Literature)	3
BIO 202 Vascular or 306 Nonvascular (odd)	4
CHM 103 General Chemistry	4
TOTAL	15

SOPHOMORE (SPRING)

Course Number	Credits
GEO 220 Intro to Physical Geography	4
BIO 201 (even) or 301 (odd)	4
ESC 203 Fundamentals of Ecology	4
Liberal Arts Core (History)	3
E-term	3
TOTAL	18

JUNIOR (FALL)

Course Number	Credits
GEO 221 Geographical Information Systems	4
CHM 105 or 301 Organic Chemistry	4
ESC 310 (odd) or ECO 315	3
Liberal Arts Core (Bible-based)	3
TOTAL	14

JUNIOR (SPRING)

Course Number	Credits
NSM 398 Junior Seminar (WI, SI) (grade of "C" or higher)	3
Liberal Arts Core (Social Science)	3
NSM 399 Professional Preparation	1
Liberal Arts Core (Fine Arts)	3
Major Elective at 300-400 Level	4
TOTAL	14

JUNIOR (SUMMER)

Course Number	Credits
NSM 499	3

SENIOR (FALL)

Course Number	Credits
NSM 498 Senior Seminar (WI, SI) (grade of "C" or higher)	3
Elective for Minor or Additional Major	3
Major Elective	4
Liberal Arts Core Requirement (REL/PHI)	3
TOTAL	13

SENIOR (SPRING)

Course Number	Credits
Elective to Reach 121 Required Credits	3
Elective for Minor or Additional Major	4
Elective for Minor or Additional Major	3
Elective for Minor or Additional Major	3
TOTAL	13

TOTAL HOURS REQUIRED FOR FERRUM COLLEGE B.S. DEGREE IN ENVIRONMENTAL SCIENCE: 121