



Ferrum College Eight-Semester Plans

FERRUM COLLEGE B.S. DEGREE IN PRE-PROFESSIONAL HEALTH SCIENCES – Pre-Vet Emphasis

FRESHMAN (FALL)

Course Number	Credits
BIO 110 Introductory Biology I	4
CHM 103 General Chemistry	4
Liberal Arts Core (Activity)	1
ENG 101 Composition and Rhetoric (grade of "C" or higher required)	3
GWS 101 Gateway Seminar	2
TOTAL	14

FRESHMAN (SPRING)

Course Number	Credits
BIO 111 Introductory Biology II	4
CHM 104 General or CHM 105 Intro to Organic	4
PSY 201 General Psychology	3
ENG 102 Composition and Research (grade of "C" or higher required)	3
MTH-111 Pre-Calculus	3
TOTAL	17

SOPHOMORE (FALL)

Course Number	Credits
BIO 303 Microbiology	4
MTH 203 Concepts in Calculus	3
HSC 299 Professional Preparation	1
Liberal Arts Core (History)	3
Liberal Arts Core (Literature)	3
TOTAL	14

SOPHOMORE (SPRING)

Course Number	Credits
PHI 211 Ethics	3
MTH 208 Introductory Statistics	3
BIO 230 Introduction Cellular & Molecular Biology	3
Liberal Arts Core (Bible-based)	3
E-term	3
TOTAL	15

JUNIOR (FALL)

Course Number	Credits
PHY 201 Physics (odd) or 203 (even)	4
CHM 301 Organic Chemistry	4
Liberal Arts Core (History)	3
Elective to Reach 121 Required Credits	3
Minor or Elective to Reach 121 Hours	3
TOTAL	17

JUNIOR (SPRING)

Course Number	Credits
PHY 202 Physics (even) or 204 (odd)	4
BIO 305 Genetics or ASI 316 (odd) Anim Anatomy	4
CHM 302 Organic Chemistry II	4
NSM 398 Junior Seminar (WI, SI) (grade of "C" or higher required)	3
TOTAL	15

SENIOR (FALL)

Course Number	Credits
NSM 498 Senior Seminar (WI, SI) (grade of "C" or higher required)	3
Major Elective at 300-400 Level	3
Elective for Additional Minor or Major or to Reach 121 credits	3
Minor or Elective to Reach 121 Hours	3
Elective for Additional Minor or Major or to Reach 121 credits	3
TOTAL	15

SENIOR (SPRING)

Course Number	Credits
Minor or Elective to Reach 121 Hours	3
BIO 305 Genetics or ASI 316 (odd) Anim Anatomy	4
CHM 315 Biochemistry	4
Major Elective at 300-400 Level	3
TOTAL	14

TOTAL HOURS REQUIRED FOR FERRUM COLLEGE B.S. DEGREE IN PRE-PROFESSIONAL HEALTH SCIENCES – Pre-Vet Emphasis: 121