



## Ferrum College Eight-Semester Plans

### FERRUM COLLEGE B.S. DEGREE IN PRE-PROFESSIONAL HEALTH SCIENCES – Pre-Med

#### FRESHMAN (FALL)

Course Number	Credits
PSY-201 General Psychology	3
CHM-103 General Chemistry I	4
BIO-110 Introductory Biology I	4
ENG 101 Composition and Rhetoric (grade of "C" or higher required)	3
GWS 101 Freshmen Gateway Seminar	2
<b>TOTAL</b>	<b>16</b>

#### FRESHMAN (SPRING)

Course Number	Credits
BIO-111 Introductory Biology II	4
MTH-111 Pre-Calculus I	3
CHM-104 Chem II or CHM-105 Intro to Organic	4
ENG 102 Composition and Research (grade of "C" or higher required)	3
<b>TOTAL</b>	<b>14</b>

#### SOPHOMORE (FALL)

Course Number	Credits
BIO-254 Human Anatomy & Physiology I	4
CHM-301 Organic Chemistry I	4
Major Elective	3
Liberal Arts Core (Fine Arts)	3
HSC-299 Professional Prep	1
<b>TOTAL</b>	<b>15</b>

#### SOPHOMORE (SPRING)

Course Number	Credits
BIO-255 Human Anatomy & Physiology II	4
CHM-302 Organic Chemistry II	4
MTH-203 or MTH-211	3
Liberal Arts Core (Activity)	1
E-term	3
<b>TOTAL</b>	<b>15</b>

#### JUNIOR (FALL)

Course Number	Credits
BIO-230 Cell and Molecular Biology	3
BIO-303 Microbiology	4
Liberal Arts Core (Literature)	3
PHI-211 Ethics	3
MTH-208 Introductory Statistics	3
<b>TOTAL</b>	<b>16</b>

#### JUNIOR (SPRING)

Course Number	Credits
CHM-315 Biochemistry	4
Liberal Arts Core (Bible-based)	3
Major Elective at 300-400 Level	4
Elective for Additional Chemistry Minor or Elective	1
NSM-398 Junior Seminar (SI, WI) (grade of "C" or higher required)	3
<b>TOTAL</b>	<b>15</b>

#### SENIOR (FALL)

Course Number	Credits
Liberal Arts Core (History)	3
Major Elective at 300-400 level	4
Major Elective	3
Elective for Additional Minor or Major or to Reach 121 credits	3
NSM-498 Senior Seminar (WI, SI) (grade of "C" or higher required)	3
<b>TOTAL</b>	<b>16</b>

#### SENIOR (SPRING)

Course Number	Credits
Liberal Arts Core (History)	3
Elective to Reach 121 Required Credits	3
Elective for Additional Minor or Major or to Reach 121 credits	3
Elective for Additional Minor or Major or to Reach 121 credits	2
Elective for Additional Minor or Major or to Reach 121 credits	3
<b>TOTAL</b>	<b>14</b>

**TOTAL HOURS REQUIRED FOR B.S. DEGREE IN PRE-PROFESSIONAL HEALTH SCIENCES – Pre-Med Emphasis: 121**