

## BACHELOR OF SCIENCE Pre-Physical Therapy Biology

Name \_\_\_\_\_

120 hours minimum for graduation with a 2.00 average overall  
56 Hours from a four year institution

### General Studies

Course	Title	Hrs	Sem	CR	QPts
UNIV 100	University 100	1			
<b>English</b>					
ENGL 101	Composition and Rhetoric I	3			
ENGL 102	Composition and Rhetoric II	3			
ENGL 203	World Literature I	3			
ENGL 204	World Literature II	3			
<b>Communication Arts</b>					
CART 101	Fundamentals of Speech	3			
<b>The Arts</b> – Choose two courses					
ART 101A	Introduction to Visual Arts	3			
MUS 101A	Introduction to Music	3			
CART 102	Introduction to Theatre	3			
<b>Physical Education</b>					
PED 101M	Personal Wellness	2			
<b>Social Sciences</b>					
Four courses with at least three disciplines represented.					
PSY 101	General Psychology	3			
SOC 101	Intro. to Sociology	3			
<b>Foreign Language</b> – Recommended					
Two courses may be substituted for any two general studies courses except ENGL 101 & 102 and Math. Only ONE substitution per discipline.					

General Studies Mathematics and Laboratory Science requirements will be fulfilled by the major.

### RESIDENCE CREDIT:

- 36 Hours at Concord
- 16 of last 32 hours at Concord
- 9 Hours in Major, Teaching Fields

### Biology Pre-PT (2.00 GPA required)

Course	Title	Hrs	Sem	CR	QPts
<b>Freshman Fall Semester</b>					
BIOL 101	General Biology I	4			
CHEM 101	General Chemistry I	3			
CHEM 111	General Chemistry Lab I	1			
MATH 103	College Algebra <i>(prerequisite for classes)</i>	3			
<b>Freshman Spring Semester</b>					
BIOL 102	General Biology II	4			
CHEM 102	General Chemistry II	3			
CHEM 112	General Chemistry Lab II	1			
MATH 104	College Trigonometry <i>(prerequisite for classes)</i>	3			
<b>Sophomore Fall Semester</b>					
BIOL 375	Biology Shadowing/Internship	2			
MATH 105	Elementary Statistics	3			
PHYS 101	Introduction to Physics	4			
S ED 205	First Aid and CPR	1			
<b>Sophomore Spring Semester</b>					
BIOL 235	Human A&P I	4			
PHYS 102	Intermediate Physics	4			
P ED 315	Kinesiology	3			
<b>Junior Fall Semester</b>					
AT 236	Evaluation of Lower Extrem.	4			
BIOL 237	Human A&P II	4			
BIOL 376	Biology Shadowing/Internship	2			
<b>Junior Spring Semester</b>					
BIOL 330	Microbiology	4			
PSY 350	Lifespan Development	3			
AT 237	Evaluation of Upper Extrem	4			
<b>**Take GRE following Junior year</b>					
<b>Senior Fall Semester</b>					
AT 314	Exercise Physiology	3			
AT 330	Therapeutic Modalities	4			
BIOL 302	Cell & Molecular Biology	4			
BIOL 455	Biology Capstone <i>*may substitute 452 &amp; 453</i>	2			
<b>Senior Spring Semester</b>					
AT 331	Therapeutic Exercise	4			

\*\*Should be taken in May or June following Junior year.

### English Placement

Test Cut-Offs	ENGL 090	ENGL 101
ACT	<18	≥18
SAT	<450	≥450

### Math Placement

Test Cut-Offs	MATH 090/091 (Compass test)	MATH 103	MATH 104	MATH 250
ACT	<19	≥19	≥25	≥28
SAT	<460	≥460	≥580	≥630

### Social Science Elective Choices

ECON 201: Macroeconomics

ECON 202: Microeconomics

GEOG 101: World Cultural Geography

GEOG 200: Physical Geography

GEOG 250: Regional Studies

HIST 101: History of Civilization to 1600

HIST 102: History of Civilization from 1600

PHIL 101: History of Ideas I

PHIL 102: History of Ideas II

POSC 101: Political Science

POSC 104: American Federal Government

PSY 101: General Psychology

PSY 200: Basic Learning

SOC 101: People and Environment

SOC 310: Cultural Anthropology

### Suggested Electives

BIOL 250: Medical Terminology (F & Su)

P ED 329: Motor Learning Development (F)

H ED 303: Principles of Mental & Emotional Health (S)

AT 450: General Medical Concerns (F)

PSYC 370: Physiological Psychology (S) (can replace PSYC 350)

PSYC 420: Abnormal Psychology (F)(can replace PSYC 350)

PHIL 360: Biomedical Ethics (S)