

JACKSON STATE UNIVERSITY

Curricular Sheet

Bachelor of Science Degree

4 Year Curriculum
 Designed to Prepare
 Students for Entry to
MASTER'S LEVEL
 Physical Therapy Program
 Pre-Physical Therapy

Major: Biology

Concentration:

FRESHMAN YEAR

BIO 111, BIOL 111
 BIO 112, BIOL 112
 CHEM 141, CHML 141
 CHEM 142, CHML 142
 MATH 111
 MATH 112
 ENG 104
 ENG 105
 UNIV 100^a

General Biology 4
 General Biology 4
 General Chemistry 4
 General Chemistry 4
 College Algebra 3
 Trigonometry 3
 Composition and Literature 3
 Composition and Literature 3
 University Success in College 2
(Freshman Year Total Hours: 30)

FALL

SPRING

4

4

4

4

3

3

3

3

2

16**14****SOPHOMORE YEAR**

BIO 119, BIOL 119
 BIO 115, BIOL 115
 CHEM 241, CHML 241
 CHEM 242, CHML 242
 MATH 241
 ENG 205
 PSY 201
 Fine Arts Option^b
 Speech Option^c

General Botany 4
 General Zoology 4
 Organic Chemistry 4
 Organic Chemistry 4
 Calculus I 3
 World Literature 3
 General Psychology 3
(Sophomore Year Total Hours: 31)

4

4

4

4

3

3

3

3

3

17**14****JUNIOR YEAR**

BIO 318 (w), BIOL 318
 BIO 390 (w)
 BIO 392 (s)
 PHY 201, PHYL 201
 PHY 202, PHYL 202
 PE XXX^e
 PE XXX^e
 MFL XXX^f
 MFL XXX^f
 HIST 101
 HIST 102
 Philosophy Option^g

Introduction to Genetics 4
 Seminar in Biology 1
 Independent Study 2
 Basic Physics I 4
 Basic Physics II 4
 Physical Education 1
 Physical Education 1
 Modern Foreign Language 3
 Modern Foreign Language 3
 History of Civilization 3
 History of Civilization 3
(Junior Year Total Hours: 32)

4

1

2

4

4

1

1

3

3

3

3

3

16**16****SENIOR YEAR**

BIO 234, BIOL 234
 BIO 235, BIOL 235
 BIO 313, BIOL 313
 CSC 115
 PSY 214
 PSY 216
 SOC 214
 Statistics Elective^d
 General Elective^h

Human Anatomy and Physiology I 4
 Human Anatomy and Physiology II 4
 Introduction to Microbiology 4
 Digital Computer Principles 3
 Developmental Psychology 3
 Abnormal Psychology 3
 Introduction to Sociology 3
(Senior Year Total Hours: 31)

4

4

4

3

3

3

3

3

4

14**17**

TOTAL HOURS: 124

- ❖ Students earning a sub score less than 17 in English on the ACT (or the corresponding score on the SAT) will be placed in ENG 002.
- ❖ Students earning a sub score less than 17 in Mathematics on the ACT (or the corresponding score on the SAT) will be placed in Math 004.
- ❖ Students earning a sub score less than 17 in Reading on the ACT (or the corresponding score on the SAT) will be placed in RE 002.
- ❖ All students must take the Undergraduate English Proficiency Examination (UEPE) after the sophomore year. Students not passing the exam must take ENG 399, Functional Writing.

CORE II OPTIONS

- a Students who transfer 12 or more hours of college credit are exempt from UNIV 100.
- b ART 206, MUS 205, DR 201, ENG 201 or ENG 202 may be taken.
- c SPCH 201, SPCH 216, SPCH 334, SPCH 335, or SPCH 430 may be taken.
- d BIO 202, ECO 359, MATH 271, or PSY 211 may be taken depending on Professional school requirements.
- e HE 101 (3 credit hours) may be taken in place of PE XXX (1 credit hour) and PE xxx (1 credit hour).
- f Students who have completed two years of a single foreign language in high school with grades of “C” or better are exempt from the foreign language requirements. This exemption must be listed on your JSU transcript. The six credit hours must be replaced with other courses.
- g PHIL 301, PHIL 308, PHIL 309 or PHIL 416 may be taken.
- h Students may not take Biology, Math, Chemistry or Physics for a general elective

NOTE: Laboratory courses must be taken during the same semester as lecture for biology, chemistry and physics courses unless approved by the department chair.

OTHER PREREQUISITE REQUIREMENTS

Provide evidence of observation in a minimum of two physical therapy clinical departments or practices for a total of 40 hours (additional hours and sites recommended).

CLINICAL TRAINING (2 YEARS)

An additional two (2) years of clinical training is required for the M.S. degree in Physical Therapy at an accredited health professional school.