

Texas Woman's University

Suggested Degree Plan for

B.S. in Human Biology Department: Biology

HUMAN BIOLOGY TRACK: For those students who are not admitted to the PrePT program or decide not to enroll, must continue with degree program, including Botany and BIOL 4821/4823 – resulting in 120 hours (including 36 hours of which from biological sciences).

First Year at Texas Woman's University

Hours		Hours	
BIOL 1111/1113 Principles of Biology I	4	BIOL 1121/1123 Principles of Biol II	4
CHEM 1111/1113 Chemistry Principles I	4	CHEM 1121/1123 Princ of Chem II	4
ENG 1013 Composition I	3	ENG 1023 Composition II	3
MATH 1303, 1313 or 2014* (Elem Analysis or Calculus)	3-4	MATH 1313 or 2014 (Elem Analysis II or Calculus)	3-4
PSY 1013 Intro to Psychology	3	PSY 1603 Developmental Psychology	3
PT 1011 Orientation to Health Professions	1	Elective	1
Total Hours	18-19	Total Hours	18-19

Second Year at Texas Woman's University

Hours		Hours	
ZOOL 2041/2043 Anatomy	4	BACT 3111/3113 General Microbiology	4
CHEM 2211/2213 Organic Chemistry I	4	CHEM 3221/3223 Organic Chemistry II	4
Humanities (core course)	3	Visual/Performing Arts (core course)	3
HIST 1013 U.S. History 1492-1865	3	HIST 1023 U.S. History 1865-present	3
MATH 1013 Quantitative Literacy	3	PSY 3303 Applied Statistics	3
Elective	1	PT 2002 Basic PT Science I (or HS 3032)	2
Total Hours	18	Total Hours	19

Third Year at Texas Woman's University

Hours		Hours	
BIOL 4811/4813 Molecular/Cell Biology	4	ZOOL 4241/4243 Mammalian Phys.	4
HS 3002 Health Emergency Care	2	GOV 2023 Texas Government	3
GOV 2013 U.S. Government	3	PHYS 1141/1143 Prin of Physics II	4
PHYS 1131/1133 Princ. of Physics I	4	BIOL 4681 (oral comm.)	1
Multicultural Women's Studies	3	BIOL Elective	3-4
Elective**	3	Elective	4
Total Hours	19	Total Hours	19

Fourth Year at Texas Woman's University

Hours		Hours	
BIOL 4821/4823 Molecular and Cellular Biology	4		
BOT 2111/2113 Plant Biology	4		
Elective	1		
Total Hours		Total Hours	

Total hours for major courses: 36

Computer literacy competency included

Total hours for minor (if used) courses: 18

Oral Communication competency included

Total all hours for degree: 120

Degree Plan and Course Rotation Attached

- *If calculus is taken, only one additional semester of math (MATH 1013) is required. Calculus is not required, however.
- **Computer literacy exam required or COSC 1403 or 2433 may be taken as elective to meet requirement.