

Bachelor's Degree Four-Year Graduation Worksheet

Texas Woman's University

Bachelor's in Chemistry with minor in Biology (Premedical/Pre dental) Department: Chemistry & Physics
Total credit hours required 120

First Year at Texas Woman's University

Semester 1	Hours	Semester 2	Hours
CHEM 1001 Horizons in Chemistry I	1	CHEM 1101 Horizons in Chemistry II	1
CHEM 1111 Chemical Principles I lab	1	CHEM 1121 Chemical Principles II lab	1
CHEM 1113 Chemical Principles I	3	CHEM 1123 Chemical Principles II	3
ENG 1013 Composition and Literature I	3	ENG 1023 Composition and Literature II	3
MATH 2014 Introductory Calculus I	4	MATH 2024 Introductory Calculus II	4
BIOL 1111 Principles of Biology Laboratory 1	1	BIOL 1121 Principles of Biology Laboratory	1
BIOL 1113 Principles of Biology I	3	BIOL 1123 Principles of Biology II	3
Total Hours	16	Total Hours	16

Second Year at Texas Woman's University

Semester 3	Hours	Semester 4	Hours
CHEM 2211 Organic Chemistry I lab	1	CHEM 3221 Organic Chemistry II lab	1
CHEM 2213 Organic Chemistry I lecture	3	CHEM 3223 Organic Chemistry II lecture	3
PHYS 2151 General Physics Laboratory I	1	PHYS 2161 General Physics Laboratory II	1
PHYS 2153 General Physics I	3	PHYS 2163 General Physics II	3
HIST 1013 History of the US 1492-1865	3	SPCH 1013 Oral Communication	3
Elective	2	HIST 1023 History of the US 1865 to present	3
Total Hours	14	Total Hours	14

Third Year at Texas Woman's University

Semester 5	Hours	Semester 6	Hours
CHEM 3334 Quantitative Analysis	4	CHEM 3421 Physical Chemistry Laboratory II	1
CHEM 3411 Physical Chemistry Laboratory I	1	CHEM 3423 Physical Chemistry II	3
CHEM 3413 Physical Chemistry	3	ZOOL 4241 Mammalian Physiology	1
GOV 2013 U.S. National Government	3	Laboratory	3
BACT 3111 General Microbiology Laboratory	1	ZOOL 4243 Mammalian Physiology	3
BACT 3113 General Microbiology	3	Women's Studies Core	3
		GOV 2023 Texas Government	3
Total Hours	15	Total Hours	17

Fourth Year at Texas Woman's University

Semester 7	Hours	Semester 8	Hours
CHEM 3632 Protein & Nucleic Acid Chemistry Laboratory	2	CHEM 4314 Instrumental Analysis	4
CHEM 3633 Protein & Nucleic Acid Chemistry	3	Visual/Performing Arts core	3
BIOL elective	4	Soc/Behav Sciences Core	3
Soc/Behav Science Core	3	CSCI 1413 Programming	3
Humanities Core	3	CHEM 4001	1
Total Hours	15	Total Hours	13

Total hrs. needed for major: _____

Computer literacy competency completed

Total hours for minor (if used): _____

Oral Communication competency completed

Total all hours needed for degree: 120

Core Curriculum Completed