

210 3/8/07

11/4/07 Approved [Signature]

# Bachelor's Degree Four-Year Graduation Worksheet

## Texas Woman's University

Hours ✓  
CORE ✓  
MATH ✓

Bachelor's in Chemistry w/8-12 Sci Cert Department: Chemistry & Physics  
Total credit hours required 127

### First Year at Texas Woman's University

Semester 1	Hours	Semester 2	Hours
BIOL 1111 Principles of Biology lab	1	BIOL 1121 Principles of Biology lab	1
BIOL 1113 Principles of Biology lecture	3	BIOL 1123 Principles of Biology lecture	3
CHEM 1111 Chemical Principles I lab	1	CHEM 1121 Chemical Principles II lab	1
CHEM 1113 Chemical Principles I lecture	3	CHEM 1123 Chemical Principles II lecture	3
ENG 1013 Composition and Literature I	3	ENG 1023 Composition and Literature II	3
MATH 1013 Quantitative Literacy	3	MATH 2014 Intro to Calculus I	4
Vis/Perform Art (3 hrs required)	3	SPCH 1013 Oral Communication	3
<b>Total Hours</b>	<b>17</b>	<b>Total Hours</b>	<b>18</b>

BB 4/2/07

### 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 1033 Intro to Astronomy	3	CHEM 3334 Quantitative Analysis	4
MATH 2024 Intro to Calculus II	4	BIOL 4221 Ecology lab	1
PHYS 1131 Principles of Physics I lab or PHYS 2151 Principles of Physics I lab	1	BIOL 4223 Ecology lecture	3
PHYS 1133 Principles of Physics I lecture or PHYS 2153 Principles of Physics I lecture	3	PHYS 1141 Principles of Physics II lab or PHYS 2161 Principles of Physics II lab	3
ENG Literature (Humanities)	3	PHYS 1143 Principles of Physics II lab or PHYS 2163 Principles of Physics II lecture	3
		Soc/Behav Sci (3 hrs required)	3
<b>Total Hours</b>	<b>18</b>	<b>Total Hours</b>	<b>19</b>

### Third Year at Texas Woman's University

Semester 5	Hours	Semester 6	Hours
CHEM 3613 Biochemistry <i>3632/33</i>	<i>35</i>	SCI 2123 Earth Science II	3
CHEM 3313 Physical Chemistry for Biol. Sci.	3	EDUC 3001 Integrating Tech into D&I of A&I	1
GOV 2013 U.S. National Government	3	EDUC 3003 Learning Theory & Development	3
SCI 2113 Earth Science I	3	HIST 1013 History of the US 1492-1865	3
EDUC 2003 Schools and Society	3	CSCI 3002 Computer Applications	2
(READ 3013 Lit. across Curriculum)	3	Multicultural/Women's Studies	3
<b>Total Hours</b>	<b>1820</b>	<b>Total Hours</b>	<b>15</b>

### Fourth Year at Texas Woman's University

Semester 7	Hours	Semester 8	Hours
<del>EDSP 4203 Learners with Exceptionalities</del>	<del>3</del>	EDUC 4033 Student Teaching in Chemistry	3
EDUC 4001 Integrating Tech into D&I of A&I	1	EDUC 4063 Student Teaching in General Science or	3
EDUC 4113 Design & Imp. of Assess and Inst.	3	EDUC 4263 Student Teaching in Life/Earth Science or	3
EDUC 4243 Classroom Environment & Mgt.	3	EDUC 4143 Student Teaching in Physics	3
HIST 1023 History of the US 1865-present	3		
GOV 2023 Texas Government	3		
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>6</b>

Total hrs. needed for major: \_\_\_\_\_  
Total hours for minor (if used): \_\_\_\_\_  
Total all hours needed for degree: 127

Computer literacy competency completed  
 Oral Communication competency completed  
 Core Curriculum Completed

+29  
126

Approved [Signature]