

**Bachelor's Degree Four-Year Plan**  
**Texas Woman's University**  
**Degree Plan for**  
**Bachelor of Science in 8-12 Computer Science**

**Total Credit Hours Required: 120**

**First Year at Texas Woman's University**

<b>Semester 1</b>	<b>Hours</b>	<b>Semester 2</b>	<b>Hours</b>
ENG 1013 Comp.1	3	ENG 1023 Comp II	3
HIST 1013 U.S. History	3	HIST 1023 U.S. History	3
SPCH 1013 Oral Communication	3	Natural Science + Lab	3
Social/Behavior Science	3	Visual or Performing Arts	3
CSCI 1411/1413 Prog for Windows	4	MATH 1013 Quant Lit	3
		CSCI 3002 Adv. Computing Tech	2
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>17</b>

**Second Year at Texas Woman's University**

<b>Semester 3</b>	<b>Hours</b>	<b>Semester 4</b>	<b>Hours</b>
GOV 2013 U.S. Government	3	GOV 2023 Texas Government	3
Literature	3	CSCI 2443 Comp Org & Mach Lang	3
CSCI 1421/1423 Prog Fund I	4	CSCI 2493 Prog Fund II	3
MATH 2014 Calculus I	4	MATH 3013 Discrete Math	3
EDUC 2003 Schools and Society	3	Multicultural Women's Studies	3
		Natural Science + Lab	3
<b>Total Hours</b>	<b>17</b>	<b>Total Hours</b>	<b>18</b>

**Third Year at Texas Woman's University**

<b>Semester 5</b>	<b>Hours</b>	<b>Semester 6</b>	<b>Hours</b>
CSCI 3441 & 3443 Digital Logic	4	CSCI 3103 Applied Computer Graphics	3
CSCI 3053 Data Structures	3	CSCI 4303 Adv Modeling & Visualization	3
MATH 4013 Prob & Stats	3	CSCI 4311 Seminar in Computer Science	1
EDUC 3001 Integ Tech for Effec Learn	1	FS 3513 Adolescent Development	3
EDBE 3003 Learning Theory & Dev	3	READ 3013 Liter Learning Across the Curr	3
FS 2003 Diversity in Contemp Families	3	EDSP 4203 Learners w/ Exceptionalities	3
<b>Total Hours</b>	<b>17</b>	<b>Total Hours</b>	<b>16</b>

**Fourth Year at Texas Woman's University**

<b>Semester 7</b>	<b>Hours</b>	<b>Semester 8</b>	<b>Hours</b>
CSCI 4313 Network & Data Comm	3	EDUC 4786 Student Teaching	6
CSCI 3423 Database Mgmt	3		
EDUC 4001 Inter Tech into D&I and A&I	1		
EDUC 4113 Instruction & Assessment	3		
EDUC 4243 Clsrn Envir & Mgmt	3		
<b>Total Hours</b>	<b>13</b>	<b>Total Hours</b>	<b>6</b>

Color Code: **Major Courses**, Certification Courses, **Core**, **Electives/Math**

Total hours for major courses: 36

Total hours for certification: 31

Total all hours for degree: 120

Y Computer literacy competency included

Y Oral Communication competency included

Y Degree Plan and Course Rotation Attached