

**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**

Semester 1		Hours	Semester 2		Hours
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>		16	<b>Total Hours</b>		17

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

Semester 3		Hours	Semester 4		Hours
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>		17	<b>Total Hours</b>		18

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

Semester 5		Hours	Semester 6		Hours
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>		17	<b>Total Hours</b>		16

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

Semester 7		Hours	Semester 8		Hours
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>		13	<b>Total Hours</b>		6

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

\*Unofficial version

For more information, please contact:

*Department of Mathematics and Computer Science*

940.898.2166