

COMPUTER SCIENCE/ MATHEMATICS DOUBLE MAJOR (BS)

College: College of Business, Economics, and Computing

Requirements for the Computer Science/ Mathematics Double Major

Students may satisfy graduation requirements for both computer science and mathematics by completing all required courses for computer science with 9 elective credits and PHYS 201 General Physics I, together with the following mathematics courses (which automatically satisfy the computer science breadth requirement):

Code	Title	Credits
Required Math Courses		
MATH 222	Calculus and Analytic Geometry II	5
MATH 223	Calculus and Analytic Geometry III	5
MATH 301	Linear Algebra	4
MATH 303	Set Theory, Logic and Proof	4
MATH 317	Differential Equations and their Applications	4
MATH 350	Advanced Calculus	4
or MATH 367	Elementary Number Theory	
MATH 441	Abstract Algebra	4
Total Credits		30

Students completing the computer science/mathematics double major are strongly encouraged to take CSCI 431 Computational Models as one of their electives.

General University Degree Requirements (Bachelor's Degree)

In addition to individual program requirements, students must also fulfill the following requirements:

Requirement	Credits
Skills	7-8
General Education	36
Foreign Language**	6-8
Ethnic Diversity	3
Total	52-55

** Transfer students in sustainable management, and health information management and technology collaborative, online degree-completion programs, the business management online degree-completion program, and the flexible option degree-completion program will be exempt from the university's foreign language requirement. See appropriate academic section for further information.

Skills Requirement (<https://catalog.uwp.edu/policies/#skills>)

Code	Title	Credits
Reading and Writing		
ENGL 101	Composition and Reading	3

Computational Skills

Select one of the following:		4-5
MATH 102	Survey of Mathematics	
MATH 103	Elementary Statistics	
MATH 104	Quantitative Reasoning	
MATH 111	College Algebra I	

Total Credits **7-8**

General Education (<https://catalog.uwp.edu/policies/#general>)

- General Education Course List (<https://catalog.uwp.edu/programs/general-education-program/#coursestext>)

Foreign Language (<https://catalog.uwp.edu/policies/#language>)

Ethnic Diversity (<https://catalog.uwp.edu/policies/#ethnic>)

Degree Requirements

Requirement	Credits
Minimum Total Credits	120
Upper Level Credits (300 level or above)	36
Residency	30 of final 60

Cumulative Degree GPA: 2.0 minimum