

Computer Science Program of Study Plan

The UW-Parkside Bachelor of Science degree with a Computer Science Major includes a total of 120 credits.

These credits are distributed in the following areas:

Area I: Math and English Computational Skills (7)

Area II: UWP Distribution Requirements - General Education 36 credits to include 12 credits each from Humanities and Fine Arts (HU), Social and Behavioral Science (SB) and Natural Science (NS)

Area III: Foreign Language* and Diversity Requirements (DV) (3-11)

Area IV: Computer Science - 72 credits that include 12 in Natural Science General Education Requirement.

***Foreign Language:** It is assumed the student completed two years of foreign language in High School with a C or better average in the second year. Two semesters of the same foreign language at UWP will be required if student did not complete requirement in high school.

This is a sample schedule that is not intended to substitute for academic advising. For suggestions about other schedule options, students are strongly urged to consult with their academic advisors.

First Year - Fall Semester

MATH 114 College Algebra II/Trig. (5)
ENGL 101 Composition and Reading (3)
Social & Behavioral Science (3)
Humanities & Fine Arts (3)

Total Credits 14

First Year - Spring Semester

MATH 221 Calculus & Analytic Geometry I (NS) (5)
CSCI 241 Computer Science I (NS) (4)
Social & Behavioral Science (3)
Humanities & Fine Arts (3)

Total Credits 15

Third Year - Fall Semester

PHYS 201 Gen Phys I or CHEM 101 Gen Chem I (NS) (5)
CSCI 380 Files and Databases (4)
CSCI 495 Computer Science Seminar (2)
Social & Behavioral Science (3)

Total Credits 14

Third Year - Spring Semester

CSCI 340 Data Structures and Algorithm Design (3)
CSCI 355 Assembly Lang Prog & Comp Architec. (4)
CSCI Breadth Requirement (3)
CSCI 4** Elective (3)
Elective (3)

Total Credits 16

Second Year - Fall Semester

CSCI 231 Discrete Math (3)
CSCI 250 Digital Logic & Comp. Org. (4)
Diversity Course (3)
Humanities & Fine Arts (3)
Elective (3)

Total Credits 16

Second Year - Spring Semester

MATH 309 Probability and Statistics (4)
CSCI 242 Computer Science II (4)
Social & Behavioral Science (3)
Humanities & Fine Arts (3)
Elective (1)

Total Credits 15

Fourth Year - Fall Semester

CSCI 331 Computational Models (3)
CSCI 370 Operating Systems (3)
CSCI 475 Software Engr. Princ. & Practice I (3)
CSCI Breadth Requirement (3)
Elective (3)

Total Credits 15

Fourth Year - Spring Semester

CSCI 333 Programming Languages (3)
CSCI 476 Software Engr. Princ. & Practice II (3)
CSCI 4** Elective (3)
CSCI Breadth Requirement (3)
Elective (3)

Total Credits 15

General Education Requirements may be found at:

<http://www.uwp.edu/departments/advising.career/advising/documents/GenEdGrad05pres.pdf>

For more information please call the UW-Parkside Academic Advisor at 262.595.2449

or visit: <http://www.uwp.edu/> keyword: Business