Computer Science

College of Business, Economics, and Computing

Credit Hours: 120 hours minimum Total - 71-72 credits for Major

Declaring the Major: Plan Declaration form may be submitted anytime to the department.

Concentrations: None

Evening Classes: Yes

UNIVERSITY OF WISCONSIN
PARKSIDE

First Year

Semester 1

Course	Credits	Course Notes	Category	Major GPA	Fall	Winter	Spring	Summer	Min. Grade	Grade	Complete
MATH 114: College Algebra II with Trig.	5	Computational Requirement	SK		●		●		C		
ENGL 101: Composition and Reading	3	Reading and Writing Requirement	SK		●		●		C-		
Gen Ed (SS): Social & Behavioral Science	3		GE		●		●				
Foreign Language 103: Modern Language	4		FL		●		●				

Total Credits: 15

Semester 2

Course	Credits	Course Notes	Category	Major GPA	Fall	Winter	Spring	Summer	Min. Grade	Grade	Complete
CSCI 241: Computer Science I	5		MJ & GE	●	●		●				
CSCI 231: Discrete Mathematics	3		MJ	●	●		●				
Gen Ed (HU): Humanities & Fine Arts	3		GE		●		●				
Foreign Language 104: Modern Language	4		FL		●		●				

Total Credits: 15

First Year Credit Total: 30

WINTERIM YEAR 1 - OPTIONAL: Consult with your advisor whether winterim is appropriate for you in your first year.
SUMMER YEAR 1 - OPTIONAL: Enrollment in Summer courses is recommended for students who end their first year with less than 30 credit hours.

SK= Skills Requirement, GE = General Education Requirement, FL= Foreign Language Requirement, MJ = Major Requirement

Second Year

Semester 1

Course	Credits	Course Notes	Category	Major GPA	Fall	Winter	Spring	Summer	Min. Grade	Grade	Complete
CSCI 242: Computer Science II	4	Prereq: CSCI 145 or 241	MJ	●	●		●				
CSCI 245: Assembly Language Programming	3	Prereq: CSCI 241 and CSCI 231	MJ	●	●						
MATH 221: Calculus and Analytic Geometry	5	Pre-req: MATH 112 & 113 OR 114	MJ & GE	●	●		●				
Gen Ed (SS): Social & Behavioral Science	3		GE		●		●				

Total Credits: 15

Semester 2

Course	Credits	Course Notes	Category	Major GPA	Fall	Winter	Spring	Summer	Min. Grade	Grade	Complete
CSCI 309: Probability and Statistics	3	Prereq: MATH 221	MJ	●			●				
CSCI 355: Computer Architecture	3	Prereq: CSCI 245	MJ	●			●				
CSCI 340: Data Structures and Algorithm Design	3	Prereq: CSCI 242 and CSCI 231	MJ	●			●				
Gen Ed (DV): Humanities & Fine Arts	3	Select a course that meets diversity requirement	GE		●		●				
XXXXX: Computer Science Breadth Requirement	3	Consult with advisor or catalog for approved courses	MJ	●	●		●				

Total Credits: 15

Second Year Credit Total 30

WINTERIM YEAR 2 - OPTIONAL: Enrollment in Winterim courses is strongly recommended for students who have accumulated less than 45 credits.
SUMMER YEAR 2 - OPTIONAL: Enrollment in Summer courses is recommended for students who end their second year with less than 60 credit hours.

GE = General Education Requirement, MJ = Major Requirement, DV = Diversity Requirement

Third Year

Semester 1

Course	Credits	Course Notes	Category	Major GPA	Fall	Winter	Spring	Summer	Min. Grade	Grade	Complete
CSCI 370: Operating Systems	3	Prereq: CSCI 242 and 355	MJ	●	●						
CSCI 380: Database Management Systems	3	Prereq: CSCI 242	MJ	●	●						
CSCI 300 or 400 level: Computer Science Elective	3	See catalog for approved courses	MJ	●	●		●				
Gen Ed (SS): Social & Behavioral Science	3		GE		●		●				
XXXXX: Computer Science Breadth Requirement	3	See catalog for approved courses	MJ	●							

Total Credits: 15

Semester 2

Course	Credits	Course Notes	Category	Major GPA	Fall	Winter	Spring	Summer	Min. Grade	Grade	Complete
CHEM 101 or PHYS 201: General Chemistry I or General Physics I	5		MJ & GE	●	●		●				
CSCI 333: Programming Languages	3	Prereq: CSCI 231, 242	MJ	●			●				
CSCI 300 or 400 level: Computer Science Elective	3	See catalog for approved courses	MJ	●	●		●				
Gen Ed (HU): Humanities & Fine Arts	3	See catalog for approved courses	GE		●						
Gen Ed (NS): Natural Science	3		GE		●		●				

Total Credits: 17

Third Year Credit Total 32

WINTERIM YEAR 3 - OPTIONAL: Enrollment in Winterim courses is strongly recommended for students who have accumulated less than 75 credits.
SUMMER YEAR 3 - OPTIONAL: Enrollment in Summer courses is recommended for students who end their third year with less than 90 credit hours.

GE = General Education Requirement, MJ = Major Requirement, DV = Diversity

Fourth Year

Semester 1

Course	Credits	Course Notes	Category	Major GPA	Fall	Winter	Spring	Summer	Min. Grade	Grade	Complete
CSCI 475: Software Engineering Principles and Practices I	3	Prereq: CSCI 333 or 340 or 370, or 380	MJ	●	●						
CSCI 300 or 400 level: Computer Science Elective	3	See catalog for approved courses	MJ	●	●		●				
Gen Ed (SS): Social & Behavioral Science	3		GE		●		●				
CSCI 495: Computer Science Seminar	3	Prereq: Any 300-level course or instructor consent	MJ	●	●						
XXXXX: General Elective	3		EL		●		●				

Total Credits: 15

Semester 2

Course	Credits	Course Notes	Category	Major GPA	Fall	Winter	Spring	Summer	Min. Grade	Grade	Complete
CSCI 476: Software Engineering Principles and Practices II	3	Prereq: CSCI 475	MJ	●			●				
CSCI 300 or 400 level: Computer Science Elective	3	See catalog for approved courses	MJ	●	●		●				
XXXXX: Computer Science Breadth Requirement	2	See catalog for approved courses	MJ	●			●				
Gen Ed (HU): Humanities & Fine Arts	3		GE		●		●				
XXXXX: General Elective	3		EL		●		●				

Total Credits: 15

Fourth Year Credit Total 30

WINTERIM YEAR 4 - OPTIONAL: Enrollment in Winterim courses is strongly recommended for students who have accumulated less than 105 credits.

SUMMER YEAR 4 - OPTIONAL: Enrollment in Summer courses is recommended for students who end their fourth year with less than 120 credit hours.

GE = General Education Requirement, MJ = Major Requirement, EL = General Elective Requirement

Milestone Checklist

Year 1:

Complete Skills requirement (MATH 114 and ENGL 101).	
Complete Foreign Language Requirement.	
Declare major by submitting a plan declaration form.	
Review DARS and consult with your advisor every semester.	
Create a CareerLocker account and create a resume using Resume Module.	

Year 2

Complete CSCI 242 course.	
Complete All CSCI 200-level major courses.	
Start CSCI Breadth Package.	
Register for RangerTrak and create a career profile, shadow a Computer Science professional.	

Year 3:

Complete CSCI Major Science Requirement.	
Complete Diversity Requirement.	
Complete All CSCI 300-level major courses.	
Join LinkedIn, Explore internships and graduate school options.	
Submit Graduation Application.	

Year 4:

Complete CSCI Major Breadth Requirement Requirement.	
Complete All General Education Courses.	
Complete All CSCI Major Electives.	
Update RangerTrak profile and resume, develop a job search strategy and attend Senior Send Off.	

Graduation Requirements Summary:

Minimum Total Hours: 120 credits

Minimum Upper-Division Hours: 36 credits

Minimum Major hours: 71-72 credits

Minimum Major GPA: 2.5

Minimum Overall GPA: 2.0