Computer Science Minor

MINOR REQUIREMENTS CHECK SHEET

A minimum of 32 graded credit hours in Computer Science

A minimum grade of "C-" is required in all courses counting toward the minor and a cumulative GPA of at least a 2.00 is required to complete the minor.

A minimum of 10 graded credit hours counting toward the minor must be completed at Eastern Oregon University.

REQUIRED COURSES: 20 credits

Complete all of the following courses:

Course Number	Course Title	Credits	Prerequisites
CS 161	Foundations of CS I *Online students complete CS 161A/161B in lieu of CS 161*	4	
CS 162	Foundations of CS II	4	*MATH 111, CS 161*
CS 221	C/C++ Programming	4	*CS 162*
CS 260	Data Structures *[UWR]*	4	*CS 162*
CS 360	Object-Oriented Programming w/C++	4	*CS 221, 260*

UPPER DIVISION ELECTIVES

Complete a minimum of 12 graded credit hours from the list below:

Course Number	Course Title	Credits	Prerequisites
CS 310	Selected Topics	1 to 5	
CS 311	Operating Systems	3	*CS 221, 260*
CS 314	Computer Architecture & Assembly Language	4	*CS 260*
CS 316	Authoring Environment Programming	4	*CS 162*
CS 318	Algorithm Analysis	4	*CS 260, MATH 231*

Course Number	Course Title	Credits	Prerequisites
CS 321	Computing Theory	4	*CS 260*
CS 325	Applied 3D Graphics/Animation	4	
CS 328	Intro to Video Game Design & Development	4	*CS 221, 260*
CS 330	Database Management Systems *Online students complete CS 330A/330B in lieu of CS 330*	4	*CS 260*
CS 335	Networking & Networking Administration	4	*CS 162*
CS 361	Software Engineering I *[UWR]*	4	*CS 162*
CS 362	Software Engineering II	3	*CS 361*
CS 369	Mobil Application Development	4	*CS 360*
CS 381	Programming Languages	4	*CS 360*
CS 407	Seminar	2	
CS 409	Practicum	1 to 12	
CS 410	Selected Topics	1 to 5	
CS 421	Intro to Information Security	4	*CS 221, 311, 335*
CS 425	Computer Graphics	4	*CS 221*
CS 440	Artificial Intelligence	4	*CS 318, 360*

Total credits required for major: 32

If the requirements for the minor are not met at the time of graduation, the minor will not be awarded.

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