

Weber State University
Computer Science Bachelor (B.S.) - Computer and Network Security Option
2009-2010 Catalog (effective Summer 2009)

Lower Division Courses

These are the lower division courses, and their SLCC equivalent. Most courses are pre-requisites for the Upper Division Courses. All courses must be complete before graduation. **Student must have an A.S. Degree before graduation.** Only lower division courses with a grade of a "C" or better will be accepted.

No grade less than C will be accepted in major or required support courses.

Must have GPA of 2.7 (Composite) or above in the major.

Complete General Education requirements by receiving A.S. degree (in anything) from a Utah Institution
 Diversity Education Course Completed (See Below)

WSU Lower Division	ARTICULATION EQUIVALENT		STATUS	GRADE
	SLCC CS	SLCC CIS		
CS 1030: Intro to Computer Science <i>(or \$15 Placement Test)</i>		CIS 1030		
CS 1400: Fundamentals of Programming <i>(offered on-line)</i>	CS 1400 & (1032 <u>or</u> 2130)	CIS 1130		
CS 1410: Object Oriented Programming <i>(offered on-line)</i>	CS 1410	CIS 1135 & (2730 or 2350)		
CS 2420: Intro to Data Structures & Algorithms <i>(offered on-line)</i>	CS 2420			
CS 2350: Internet Programming <i>(offered on-line)</i>		CIS 2430		
CS 2550: Database Design & App Development <i>(offered on-line)</i>		CIS 2600		
CS 2650: Computer Architecture <i>(offered on-line)</i>	CS 2810	CIS 2150		
CS 2705: Local Area Networking <i>(offered on-line)</i>	CS 1200 & (1201 <u>or</u> 1202)	CIS 2420		
CS 2450: Software Engineering <i>(offered on-line)</i>		CS 2450		
Math 1630: Discrete Math <i>(offered on-line)</i>		CS 2430		
Math 1210: Calculus I		Math 1210		
Math 1220: Calculus II <u>or</u> Math 1040: Statistics		Math 1220 <u>or</u> Math 1040		

UPPER DIVISION COURSES

These are the upper division courses. Pre-requisites are strictly adhered to. All courses must be complete before graduation. No substitutions allowed without prior approval. Only upper division courses with a grade of a "C" or better will be accepted. You must have at least 40 Upper Division hours to graduate. Average completion time: 18-24 months.

COURSE TITLE	CREDITS	STATUS	GRADE
MGMT 2400: Project Management <i>(Lower Division - No Equivalent at SLCC)</i>	3		
CS 3100 Operating Systems Theory <i>(Available On-Line)</i>	4		
CS 3705 Protocol Analysis	4		
CS 3730 Client/Server Network Programming	4		
CS 3805 Computer and Network Security	4		
CS 3840 Computer Forensics for Security	4		
CS 4740 Security Vulnerability and Attack Prevention	4		
CS 4800 Independent Project <u>or</u> CS 4890 Work Study Project <u>or</u> Additional CS Class	1-4		
Engl 3100 Professional & Technical Writing <i>(On-Line or 6 month correspondence only)</i>	3		
CS Upper Division Elective	4		
CS Upper Division Elective	4		
CS Upper Division Elective	4		
TOTAL CREDITS:	43 (40 Upper Division)		

Diversity Information: In addition to General Education and an AS Degree from SLCC, you must have ONE diversity class which may be a part of your AS Degree) to satisfy Weber's Diversity Requirement. Any class marked with a (DV) in the SLCC or WSU catalogs will satisfy this requirement.

To Apply to Weber State University:

1. Visit <https://www.weber.edu/admissions>
2. Pay \$30 by credit card or check
3. Request Transcripts from ALL Schools (SLCC Student Center - \$4)
4. Wait 2-4 Weeks for processing
5. Get you Wildcat Login (<https://portalapps.weber.edu/getwcid/>)
6. Register for classes

Effective 11 May 2009

Advisor Comments