

Bachelor's of Science in Computer Science Four-Year Plan of Study (2013-2014)

FRESHMAN	FALL			SPRING	
	COMM 101: FUNDAMENTALS OF COMMUNICATION*	DLS	3	COMPSCI 121: COMPUTER SCIENCE I	4
	ENGL 101: INTRODUCTION TO COLLEGE WRITING		3	ENGL 102: INTRODUCTION TO COLLEGE WRITING AND RESEARCH	3
	MATH 170: CALCULUS 1	DLM	4	PHIL 102: CLASSICS OF WESTERN PHILOSOPHY*	DLL 3
	UF 100: INTELLECTUAL FOUNDATIONS		3	MATH 175: CALCULUS II	4
				GENERAL ELECTIVE	1
	SEMESTER TOTAL		13	SEMESTER TOTAL	15

SOPHOMORE	FALL			SPRING	
	COMPSCI 221: COMPUTER SCIENCE II		3	COMPSCI 230: ETHICAL ISSUES IN COMPUTING	CID 3
	ENGL 202: TECHNICAL COMMUNICATION*	DLS	3	COMPSCI 253: INTRO. TO SYSTEMS PROGRAMMING	3
	UF 200: CIVIL AND ETHICAL FOUNDATIONS		3	ECE 230/L: DIGITAL SYSTEMS & LAB	4
	PHYS 211: PHYSICS I WITH CALCULUS OR CHEM 111/L: GENERAL CHEMISTRY I & LAB	DLN	4-5	PHYS 212: PHYSICS II WITH CALCULUS OR CHEM 112/L: GENERAL CHEMISTRY II & LAB	4-5
	MATH 189: DISCRETE MATHEMATICS		4	GENERAL ELECTIVE	1
	SEMESTER TOTAL		17-18	SEMESTER TOTAL	15-16

JUNIOR	FALL			SPRING	
	COMPSCI 321: DATA STRUCTURES		3	COMPSCI 361: INTRO. TO THE THEORY OF COMPUTATION	3
	COMPSCI 354: PROGRAMMING LANGUAGES		3	COMPSCI 441: COMPUTER ARCHITECTURE	3
	ECE 330/L: MICROPROCESSORS & LAB		4	COMPSCI ELECTIVE*	3
	MATH 360: ENGINEERING STATISTICS OR MATH 361: PROBABILITY AND STATISTICS I		3	SCIENCE ELECTIVE*	DLN 4-5
	VISUAL AND PERFORMING ARTS ELECTIVE*	DLV	3	MATH ELECTIVE*	3-4
	SEMESTER TOTAL		16	SEMESTER TOTAL	16-18

SENIOR	FALL			SPRING	
	COMPSCI 453: OPERATING SYSTEMS		3	COMPSCI 450: PROGRAMMING LANGUAGE TRANSLATION	3
	COMPSCI 471: SOFTWARE ENGINEERING		3	COMPSCI 481: SENIOR DESIGN PROJECT	3
	COMPSCI 421: ALGORITHMS		3	COMPSCI 488: SENIOR OUTCOME ASSESSMENT	0
	COMPSCI ELECTIVE*		3	COMPSCI ELECTIVE*	3
	GENERAL ELECTIVE		3	COMPSCI 498: SEMINAR	FF 1
				GENERAL ELECTIVES TO TOTAL 120 CREDITS	0-3
SEMESTER TOTAL		15	SEMESTER TOTAL	10-13	

*SEE CATALOG FOR ADDITIONAL REQUIREMENTS

TOTAL PROGRAM CREDITS 120

BSU 2013-2014 Undergraduate Computer Science Prerequisites

Fri Apr 5 08:54:40 MDT 2013

CS abbreviates COMPSCI.

Mouse-over a node to see the course title.

Mouse-click a node to see the course description.

Text color (red=required, black=otherwise) denotes required courses.

Node color (brown=fall, green=spring, black=both) denotes semesters offered.

Dotted arcs denote prerequisite choices.

Dashed arcs denote corequisites.

