

## Computer Science/Computer Information Systems

### *Associate of Science Degree*

The CSCI AS degree at Grayson College includes a state mandated core of 42 hours and is designed for transfer to four-year institutions. This particular degree plan is a road map for students who wish to major in Computer Science, Computer Information Systems, or Computer Engineering at the university level. All students should routinely consult with an academic advisor at the Grayson Computer Science department and with the university/college of their choice to determine which courses should be taken for its bachelor's degree in their desired major.

#### FRESHMAN YEAR

First Semester		Second Semester	
Subject	Semester Hours	Subject	Semester Hours
COSC 1336*	3	COSC 2330	3
EDUC/PSYC 1300 or Component Area Option 1	3	Communications Core	3
ENGL 1301	3	Approved CS Elective**	3
HIST 1301 or 1302	3	History Core	3
Language, Phil, and Culture Core	3	GOVT 2305	3
	15		15

#### SOPHOMORE YEAR

First Semester		Second Semester	
Subject	Semester Hours	Subject	Semester Hours
COSC 1337	3	COSC 2336	3
MATH 2413	4	GOVT 2306	3
COSC 2325	3	Creative Arts Core	3
Life & Physical Sciences Core***	3	Life & Physical Sciences Core***	3
Science Lab	1	Science Lab	1
		Social/Behavioral Sciences Core	3
	14		16

\*COSC 1336 should be taken first semester.

\*\*Approved CS Electives: BCIS 1332, BCIS 2332, BCIS 2316, COSC 1330, COSC 2315, MATH 1316, MATH 1348, MATH 2305, MATH 2318, MATH 2320, MATH 2342, MATH 2413, or MATH 2415

\*\*\*Life and Physical Sciences Core: BIOL 1306/1106, BIOL 1307/1107, CHEM 1311/1111, CHEM 1312/1112, PHYS 1301/1101, PHYS 1302/1102, PHYS 2425, PHYS 2426, PHYS 2425 recommended