

# COMPUTER SCIENCE

Students completing an Associate of Science (AS) degree at COM will meet the following requirements:

1. Complete a minimum of 60 semester credit hours that may be comprised of courses from the core curriculum, institutional requirements, and Fields of Study.
2. Maintain at least a 2.0 grade point average (GPA). Only credit-bearing College of the Mainland courses will be used to calculate a GPA.
3. Complete last 15 credit hours toward this degree at COM, with the exception of reverse transfer.
4. Satisfy TSI liability.

## Associate of Science - Computer Science

This Program consists of the courses required in the first two years of a bachelor's degree in Computer Science. Students graduate with an Associate of Science Degree.

### Full-Time Student Schedule

Course	Title	Semester Credit Hours
<b>Semester #1</b>		
PSYC 1300 or EDUC 1300	Psychology for Success or Psychology for Success	3
ENGL 1301	Composition I	3
HIST 1301	U S History I	3
MATH 2413	Calculus I	4
Select from one of the following:		3
ECON 2301	Principles of Macroeconomics	
ECON 2302	Principles of Microeconomics	
SOCI 1301	Introduction to Sociology	
<b>Semester Credit Hours</b>		<b>16</b>
<b>Semester #2</b>		
COSC 1336	Programming Fundamentals I	3
ENGL 1302	Composition II	3
HIST 1302	U S History II	3
Select from one of the following:		4
BIOL 1406	Biology for Science Majors I	
GEOL 1403	Physical Geology	
PHYS 2425	University Physics I	
<b>Semester Credit Hours</b>		<b>13</b>
<b>Semester #3</b>		
GOVT 2305	Federal Government (Federal Constitution & Topics)	3
COSC 1437	Programming Fundamentals II	4
Select from one of the following:		3
ENGL 2322	British Literature I	
HUMA 1301	Introduction to the Humanities I	
PHIL 1301	Introduction to Philosophy	
Select from one of the following:		3
ARTS 1301	Art Appreciation	
DRAM 1310	Theater Appreciation	

MUSI 1306	Music Appreciation	
SPCH 1315	Public Speaking	3
<b>Semester Credit Hours</b>		<b>16</b>
<b>Semester #4</b>		
COSC 2336	Programming Fundamentals III	3
COSC 2425	Computer Organization	4
GOVT 2306	Texas Government (Texas Constitution & Topics)	3
PHED 1164	Introduction to Physical Fitness and Wellness	1
Select from one of the following:		4
BIOL 1407	Biology for Science Majors II	
ENVR 1401	Environmental Science I	
CHEM 1411	General Chemistry I	
<b>Semester Credit Hours</b>		<b>15</b>
<b>Total Semester Credit Hours</b>		<b>60</b>