SCIENCE - COMPUTER SCIENCE
Associate in Arts & Science

This transfer program is similar to the A.A.S. in Science in its core course sequence. Only three natural sciences are required, in addition to three computer science courses, and the specific requirement of MTH 166. Students have sufficient flexibility to select courses appropriate to the requirements of their intended transfer institution. Students should complete a DCC program comparable to the first two years of the program at the transfer institution.

Program Outcomes

Graduates of this program will be able to:
1. Understand how the disciplines of science and math differ from other disciplines.
2. Conduct experiments, record and interpret data.
3. Understand the significance of math to all areas of science.
4. Communicate appropriately within the respective disciplines of math and science.
5. Work independently and collaboratively in the acquisition of scientific knowledge.

1 Students must complete 12 credit hours of lab science coursework. Acceptable science courses are: CHM 111-112 College Chemistry I-II; BIO 101-102 General Biology I-II; BIO 141-142 Human Anatomy and Physiology I-II; GOL 105 Physical Geology & GOL106 Historical Geology. Acceptable 200-level laboratory science sequences are: BIO 231-232 Human Anatomy and Physiology I-II; CHM 241-242 Organic Chemistry I-II with lab; PHY 201-202 General College Physics I-II; PHY 241-242 University Physics I-II.

2. Acceptable literature sequences are: ENG 241-242 Survey of American Literature I-II; ENG 243-244 Survey of English Literature I-II; ENG 251-252 Survey of World Literature I-II; ENG 253-254 Survey of African-American Literature I-II.

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Suggested course sequence

		Lecture Hours	Lab Hours	Hours in Class	Credits
First Semester					
ENG 111	College Composition I	3	0	3	3
SDV 100	College Success Skills	1	0	1	1
MTH 166	Precalculus with Trigonometry	4	0	4	4
CSC 205	Computer Organization	4	0	4	4
	[1] Natural Lab Science	3	3	6	4
	Total	**15**	**3**	**18**	**16**
Second semester					
ENG 112	College Composition II	3	0	3	3
HIS	History Elective I	3	0	3	3
	[1] Natural Lab Science II	3	3	6	4
	[2] LIterature Elective I	3	0	3	3
	[3] Social Science Elective I	3	0	3	3
	Total	**15**	**3**	**19**	**16**
Third Semester					
CSC 201	Computer Science I	4	0	4	4
MTH 173	Calculus I	4	0	4	4
	[1] Natural Lab Science II	3	3	6	4
HIS	History Elective II	3	0	3	3
	Total	**14**	**3**	**17**	**15**
Fourth Semester					
CSC 202	Computer Science II	4	0	4	4
MTH 174	Calculus II	4	0	4	4
	[2] Literature II	3	0	3	3
	[3] Social Science Elective II	3	0	3	3
	Total	**14**	**0**	**14**	**14**

3. Students must complete a full year of social science coursework by taking one of the following: ECO 201 or ECO 202, or PLS 211 and PLS 212, or SOC 201 and SOC 202, or SOC 200 and 1 sophomore-level sociology course excluding SOC 201 and SOC 202, or PSY 200 and 1 sophomore-level psychology course excluding PSY 201 and PSY 202