

# COMPUTER SCIENCE



Towards a Bachelor of Science Degree

Minimum 62 hours

## Transfer Curriculum • Associate in Science Degree • Minimum 2.0 OGPA • Major Code: DAS

This curriculum is designed for transfer to four year institutions for this major. Consult the website of the four year institution where you plan to transfer, regarding specific course needs, requirements and deadlines.

### FIRST YEAR

Fall Semester		Credit Hrs
<b>ENG 121</b>	Rhetoric & Composition I	3
<b>MATH 161</b>	Pre-Calculus	4
<b>IT 173</b>	Programming I	3
<b>PHIL 122</b>	Fundamentals of Logic	3
<b>BIOL 121</b>	Introductory Biology	4
Total Hours		17

Spring Semester		Credit Hrs
<b>ENG 122</b>	Rhetoric & Composition II	3
<b>MATH 162</b>	Calculus I	5
<b>COM 121</b>	Principles of Speaking	3
<b>IT 273</b>	Programming II	3
Total Hours		14

### SECOND YEAR

Fall Semester		Credit Hrs
<b>MATH 221</b>	Calculus II	5
<b>PHYS 221</b> or <b>CHEM 121</b>	General Physics I General Chemistry I	5
<b>FINE ARTS</b> (See Below)		3
<b>SOCIAL AND BEHAVIORAL SCIENCES</b> (See Below)		3
Total Hours		16

Spring Semester		Credit Hrs
<b>BIOL 161**</b>	Intro to Anatomy & Physiology	3
<b>MATH 141</b>	Statistics	4
<b>PHYS 222</b> or <b>CHEM 122</b>	General Physics II General Chemistry II	5
<b>SOCIAL AND BEHAVIORAL SCIENCES</b> (See Below)		3
Total Hours		15

The bolded classes on this curriculum guide indicate the minimum a student must complete in order to receive an Associate degree. See advisor for specific transfer information.

#### **FINE ARTS: 3 semester hours.**

Area 1	___ MUS 121-3 (F1 900) Music Appreciation	___ COM 128-3 (F2 905) Film Appreciation
	___ MUS 126-3 (F1 904) Intro to American Music	___ THTR 121-3 (F1 907) Introduction to Theater

#### **SOCIAL & BEHAVIORAL SCIENCES: 6 semester hours. Courses must be taken from two different areas – one course must be selected from Area 1.**

Area 1	___ HIST 161-3 (S2 923D) Black American History	___ PSYC 121-3 (S6 900) Intro Psychology	___ SOC 121-3 (S7 900) Intro Sociology
	___ HIST 122-3 (S2 903) Western Civilization from 1648	___ PSYC 221-3 (S6 903) Child Psychology	___ SOC 221-3 (S7 902) The Family in Society
Area 2	___ HIST 121-3 (S2 902) Western Civilization to 1648	___ HIST 141-3 (S2 901N) Latin American History	___ HIST 241-3 (S2 900N) American History I
	___ HIST 122-3 (S2 903) Western Civilization from 1648		___ HIST 242-3 (S2 901N) American History II
Area 3	___ ECON 121-3 (S3 901) Macroeconomics	___ GOVT 121-3 (S5 900) American Government	
	___ ECON 122-3 (S3 902) Microeconomics	___ GOVT 226-3 (S5 904N) Intro International Relations	

#### **Career Opportunities:**

Computer Programmer, Systems Programmer, Programmer-Analyst, Business Programmer, Programmer Consultant, Documentation Specialist, Software Consultant, Systems Consultant, Process Control Programmer, Computer Applications Specialist, Systems Engineer, Software Engineer, Data Processing Analyst, Computer Analyst, Systems Analyst, Computer Sales Representative, Procedures Analyst, Technical Writer, Computer Science Instructor.

#### **Major Employers:**

Wholesale and Retail Businesses, Banking and Insurance Firms; Government Agencies; Electronics and Other Manufacturers; Data Processing Service Firms; Transportation and Public Utilities; Research Organizations; Schools; Colleges and Universities.

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