

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
ENG 121	Rhetoric & Composition I	3
MATH 161	Pre-Calculus	4
IT 173	Programming I	3
PHIL 122	Fundamentals of Logic	3
BIOL 121	Introductory Biology	4
Total Hours		17

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

SECOND YEAR

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

Spring Semester		Credit Hrs
BIOL 161**	Intro to Anatomy & Physiology	3
MATH 141	Statistics	3
PHYS 222 or CHEM 122	General Physics II General Chemistry II	5
SOCIAL AND BEHAVIORAL SCIENCES (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	<input type="checkbox"/> ART 121-3 (F2 900) Art Appreciation	<input type="checkbox"/> MUS 121-3 (F1 900) Music Appreciation	<input type="checkbox"/> COM 128-3 (F2 905) Film Appreciation
	<input type="checkbox"/> ART 222-3 (F2 901) Prehistory to Medieval Art	<input type="checkbox"/> MUS 126-3 (F1 904) Intro to American Music	<input type="checkbox"/> THTR 121-3 (F1 907) Introduction to Theater
	<input type="checkbox"/> ART 223-3 (F2 902) Renaissance to Contemporary Art		

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

Area 1	<input type="checkbox"/> ECE 141-3 (S6 903) Child Development	<input type="checkbox"/> PSYC 121-3 (S6 900) Intro Psychology	<input type="checkbox"/> SOC 121-3 (S7 900) Intro Sociology
	<input type="checkbox"/> HIST 161-3 (S2 923D) Black American History	<input type="checkbox"/> PSYC 221-3 (S6 903) Child Psychology	<input type="checkbox"/> SOC 221-3 (S7 902) The Family in Society
Area 2	<input type="checkbox"/> HIST 121-3 (S2 902) Western Civilization to 1648	<input type="checkbox"/> HIST 141-3 (S2 901N) Latin American History	<input type="checkbox"/> HIST 241-3 (S2 900N) American History I
	<input type="checkbox"/> HIST 122-3 (S2 903) Western Civilization from 1648		<input type="checkbox"/> HIST 242-3 (S2 901N) American History II
Area 3	<input type="checkbox"/> ECON 121-3 (S3 901) Macroeconomics	<input type="checkbox"/> GOVT 121-3 (S5 900) American Government	
	<input type="checkbox"/> ECON 122-3 (S3 902) Microeconomics	<input type="checkbox"/> 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.