

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	4
MATH 141	Statistics	4
PHYS 222 or CHEM 122	General Physics II General Chemistry II	5
SOCIAL AND BEHAVIORAL SCIENCES (See Below)		3
Total Hours		16

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	___ ART 121-3 (F2 900) Art Appreciation	___ MUS 121-3 (F1 900) Music Appreciation	___ COM 128-3 (F2 905) Film Appreciation
	___ ART 222-3 (F2 901) Prehistory to Medieval Art	___ MUS 126-3 (F1 904) Intro to American Music	___ THTR 121-3 (F1 907) Introduction to Theater
	___ 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	___ ECE 141-3 (S6 903) Child Development	___ PSYC 121-3 (S6 900) Intro Psychology	___ SOC 121-3 (S7 900) Intro Sociology
		___ 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 161-3 (S2 906N) African Culture	___ 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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