



CHEMISTRY

Toward a Bachelor of Science Degree
or Bachelor of Arts Degree

Transfer Curriculum
Associate in Science Degree
Minimum 62 hours
Minimum 2.0 OGPA
Major Code: DAS
www.sic.edu

TRANSFER CURRICULUM: This is a common general education transfer curriculum for this major. See the general education requirements for IAI and the Associate in Science Degree in the college catalog. CONSULT THE CATALOG of the college or university you are transferring to for specific courses required for your major. See a college counselor for professional guidance.

FIRST YEAR

Dept	No	Fall Semester	Hrs	Sem	Gr	Dept	No	Spring Semester	Hrs	Sem	Gr	
ENG	121	Rhetoric & Composition I	3	_____	_____	ENG	122	Rhetoric & Composition II	3	_____	_____	
MATH	161	Pre-Calculus	4	_____	_____	MATH	162	Calculus I	5	_____	_____	
CHEM	121	General Chemistry I	5	_____	_____	CHEM	122	General Chemistry II	5	_____	_____	
BIOL	221	General Biology I	4	_____	_____	BIOL	222	General Biology II	4	_____	_____	
SOCIAL AND BEHAVIORAL SCIENCES			3	_____	_____	HUMANITIES AND FINE ARTS			3	_____	_____	
			19							20		

SECOND YEAR

Dept	No	Fall Semester	Hrs	Sem	Gr	Dept	No	Spring Semester	Hrs	Sem	Gr	
COM	121	Principles of Speaking	3	_____	_____	SOCIAL AND BEHAVIORAL SCIENCES			3	_____	_____	
MATH	221	Calculus II	5	_____	_____	HUMANITIES AND FINE ARTS			3	_____	_____	
CHEM	241	Organic Chemistry I	4	_____	_____	CHEM	242	Organic Chemistry II	4	_____	_____	
PHYS	221	General Physics I	4	_____	_____	PHYS	222	General Physics II	4	_____	_____	
HUMANITIES AND FINE ARTS			3	_____	_____	SOCIAL AND BEHAVIORAL SCIENCES			3	_____	_____	
			19							17		

FOREIGN LANGUAGE: Determined by University requirements.

Physical Chemistry majors: take MATH 222-4 Calculus III

If pursuing a Forensic Science minor: take CRJ 112-3 Criminal Behavior, CRJ 136-3 Intro to Criminal Justice, and PHIL 221-3 Ethics.

It is suggested that students take classes during the summer to lessen course loads in the fall and spring semesters.

HUMANITIES AND FINE ARTS: 9 semester hours. At least one course must be taken from each area.

Area 1 ART 121-3 (F2 900) Art Appreciation MUS 121-3 (F1 900) Music Appreciation THTR 121-3 (F1 907) Introduction to Theater
 ART 222-3 (F2 901) Prehistory to Medieval Art MUS 126-3 (F1 904) Intro to American Music COM 128-3 (F2 905) Film Appreciation
 ART 223-3 (F2 902) Renaissance to Contemporary Art

Area 2 ENG 241-3 (H3 903) Introduction to Poetry ENG 261-3 (H3 914) American Literature I PHIL 121-3 (H4 900) Introduction to Philosophy
 ENG 243-3 (H3 902) Introduction to Drama ENG 262-3 (H3 915) American Literature II PHIL 122-3 (H4 906) Fundamentals of Logic
 ENG 245-3 (H3 906) World Literature HUM 221-3 (HF 902)* Western Culture I PHIL 221-3 (H4 904) Fundamentals of Ethics I
 ENG 246-3 (H3 907) Modern Literature HUM 222-3 (HF 903)* Western Culture II PHIL 224-3 (H5 904N) Comparative Religions
 ENG 247-3 (H3 911D) Women in Literature

SOCIAL AND BEHAVIORAL SCIENCES: 9 semester hours. Course must be taken from at least two different areas.

Area 1 ANP 121-3 (S1 900N) Anthropology PSYC 121-3 (S6 900) Introduction to Psychology SOC 121-3 (S7 900) Introductory Sociology
 ECE 141-3 (S6 903) Child Development PSYC 221-3 (S6 903) Child Psychology SOC 141-3 (S7 901) Intro to Social Problems
 SOC 221-3 (S7 902) The Family in Society

Area 2 HIST 121-3 (S2 902) Western Civilization to 1648 HIST 141-3 (S2 910N) Latin American History HIST 241-3 (S2 900) U.S. History to 1865
 HIST 122-3 (S2 903) West Civilization from 1648 HIST 161-3 (S2 906N) African Culture HIST 242-3 (S2 901) U.S. History from 1865
 HIST 124-3 (S2 905N) Non-West Civilizations II

Area 3 ECON 121-3 (S3 901) Macroeconomics GEOG 121-3 (S4 900N) Geography of Man GOVT 121-3 (S5 900) American Government
 ECON 122-3 (S3 902) Microeconomics GEOG 281-3 (S4 903N) Economic Geography GOVT 226-3 (S5 904N) Intro International Relations
 GOVT 242-3 (S5 902) State & Local Government

SIU-C Education Majors take: PSYC 121-3 Psychology, GOVT 121-3 Government, HIST 242-4 U.S. History II, 2 hours PE Activity, ENG 245-3 World Literature or ENG 246-3 Modern Literature, HIST 141-3 Latin American History or HIST 161-3 African Cultures, and PHYS 221-5 General Physics I. Do not need: MATH 221, CHEM 242, PHYS 222, or Foreign Language.

CAREER OPPORTUNITIES

Analytical Chemist, Organic Chemist, Biochemist, Forensic Scientist, Food Chemist, Industrial Chemist, Nuclear Chemist, Polymer Chemist, Inorganic Chemist, Physical Chemist, Environmental Chemist, Agricultural Chemist, Chemical Analyst, Medical Research Chemist, Quality Control Chemist, Colorist, Assayer, Water Purification Tester, Pollution Control Technician, Technical Writer, Chemical or Industrial Sales Representative, Chemical Laboratory Technician, Chemistry Teacher

MAJOR EMPLOYERS

Manufacturing firms including pharmaceutical, chemical, food, and agricultural firms; government agencies including U.S. Departments of Defense, Commerce, Justice, and Agriculture; medical research laboratories; colleges and universities, schools; research and development laboratories; commercial testing laboratories.

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