

Guideline for Majors at Nearby 4 Year Institutions

Major: CHEMISTRY

Riverside Coimmunity College
Counseling Department
2009-2010

Date: 1/10

NOTE: This Articulation Agreement is subject to periodic revision. Please consult the ASSIST website, www.assist.org, for up-to-date information.

College or University	Transfer Requirements	Units	RCC Equivalent	Units	Remarks
CAL POLY POMONA 2009-2010	CHM 121,122,123	4,4,4	CHE 1A,1B	5,5	*Petition the CHM department after transfer
	*ORG CHM	4,4,4	*CHE 12A,12B	5,5	
	BIO 115/L	5	BIO 11	5	
	MAT 114,115,116	3,4,4	MAT 1A,1B	4,4	
	MAT 216	4	MAT 2	4	
	PHY 131,132,133	4,4,4	PHY 4A,4B,4C	4,4,4	
	CS 128	4	CIS 5	3	
CSU SAN BERNARDINO 2009-2010	<u>B.S. Degree:</u> CHEM 215,216	6,6	CHE 1A or 1AH, 1B or 1BH	5,5	*upper division option available
	BIOL 200	5	BIO 11	5	
	*CHEM 221-223	6,6,6	*CHE 12A,12B	5,5	
	MATH 211-213	12	MAT 1A,1B	8	
	MATH 251	4	MAT 3	3	
	MATH 252,270	4,4	MAT 1C,2	4,4	
	PHYS 221-223	5,5,5	PHY 4A,4B,4C	12	
CSU FULLERTON 2009-2011	<u>B.S. Degree:</u> CHEM 120AB	5,5	CHE 1A,1B	5,5	
	MATH 150A,150B	4,4	MAT 1A,1B	4,4	
	MATH 250A,250B	4,4	MAT 1C,2,3	4,4,3	
	PHYS 225-227	4,4,4	PHY 4A,4B,4C,4D	4,4,4,4	
	Organic Chem.	5,5	CHE 12AB	5,5	
CSU LONG BEACH 2009-2010	<u>B.S. Degree:</u> CHEM 111A,111B	5,5	CHE 1A,1B	5,5	Impacted major
	MATH 122,123,224	4,4,4	MAT 1A,1B,1C	4,4,4	
	BIOL 111A/L	5	BIO 1 or AMY 2A or AMY 2B or BIO 11,12	4-10	
	PHYS 151-152	12	PHY 4A,4B,4C	12	

College or University	Transfer Requirements	Units	RCC Equivalents	Units	Remarks
SAN DIEGO STATE UNIV. 2008-2009	<u>B.S. degree:</u> CHEM 200,201	5,5	CHE 1A or 1AH, 1B or 1BH	5,5	for B.A. degree: add BIO 11; For. Language 3
	CHEM 231	5	CHE 12A	5	
	MATH 150,151,252	13	MAT 1A,1B,1C	4,4,4	
	PHYS 195,195	8	PHY 4A,4B	8	
UCR 2009-20	<u>B.S. Degree:</u> CHEM 1ABC	4,4,4	CHE 1A or 1AH + 1B or 1BH	5,5	*Grades of 'B' or better required
	*CHEM (organic)	4,4	*CHE 12A,12B	5,5	
	PHYS 40ABCD	16	PHY 4ABCD	16	<i>-IGETC not accepted.</i> Follow Coll. of Nat. & Ag. Sci. gen. ed. reqt's
	MATH 9A,9B,9C	12	MAT 1A,1B	4,4	
	MATH10AB,46	12	MAT 1C,2	4,4	
	<u>B.A. Degree:</u> PHYSICS	15	PHY 2AB or 4ABC	8-12	
	CHEM 1ABC	4,4,4	CHE 1A or 1AH + 1B or 1BH	5,5	
	*CHEM (organic)	4,4	*CHE 12A,B	5,5	
	MATH 9A,9B,9C	12	MAT 1A,1B	4,4	
		MATH 10A	4	MAT 1C	4

NOTE: An overall gpa of 2.70 in all transferable courses is required. In addition to CHE 1AB and MAT 1AB, a third sequence (from either Biology or Physics or organic Chemistry) must be completed prior to transfer.

THE MAJOR:

Chemistry is the study of matter and the manner in which it changes and reacts as well as the laws governing those reactions. Chemists develop and simplify models and theories and perform research in biochemistry, geochemistry, organic chemistry, analytical chemistry, inorganic chemistry and physical chemistry. Employment opportunities in chemistry are excellent. Qualified, creative graduates find employment teaching or performing research in virtually any industry.

CAREER FIELDS:

Biochemist	Health Administrator	Public Health Educator
Chemical Lab Technician	Industrial Hygienist	Quality Control
Chemist	Materials Scientist	Teacher
Criminologist	Medical Librarian	Technical Sales Rep.
Dentist	Pharmaceutical Sales Representative	Technical Writer
Food/Drug Inspector	Pharmacologist	Water Purification
Geochemist	Physician	

For further information on career options, please visit the Transfer and Career Center.