

Guideline for Majors at Nearby 4 Year Institutions

Major: <i>PHYSICS</i>

Riverside Community 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 Equivalents	Units	Remarks
CAL POLY POMONA 2009-2010	BIO 110/11L	4	BIO 1	4	
	PHY	12	PHY 4A,4B,4C,4D	16	
	CHM 121-123	4,4,4	CHE 1A,1B	5,5	
	MAT 114,115,116	4,4,4	MAT 1A,1B	4,4	
	MAT 214,215,216	4,4,4	MAT 1C,2	4,4	
	CS 128	4	CIS 5	3	
CSU SAN BERNARDINO 2009-2010	<u>B.S. degree:</u>				
	PHYS 221-228	21	PHY 4ABCD	4,4,4,4	
	CHEM 215	6	CHE 1A or 1AH	5	
	CHEM 216	6	CHE 1B or 1BH	5	**Add. Upper-div. options available
	*MATH 211/251	16	*MAT 1A,1B,1C	4,4,4	
**CSCI 201	4	**CIS 5	3		
	<u>B.A. degree:</u> CIS 5 is not required.				
CSU LONG BEACH 2009-2010	Chemistry 111A,B	5,5	CHE 1A,1B	5,5	
	Math 122,123,224	12	MAT 1A,1B,1C	4,4,4	
	PHYS 151-255	16	PHY 4A,4B,4C	12	
	BIOL 200	4	BIO 1	4	
CSU FULLERTON 2009-2011	CHEM 120A,125	5,5	CHE 1A,1B	5,5	
	MATH 150AB,250A	4,4,4	MAT 1A,1B,1C	4,4,4	
	PHYS 225-227	4,4,4	PHY 4ABCD	4,4,4,4	

College or University	Transfer Requirements	Units	RCC Equivalent	Units	Remarks
UCR 2009-2010	CHEM 1A,1B,1C	4,4,4	CHE 1A or 1AH + 1B or 1BH	5,5	<i>-IGETC not accepted.</i>
	PHYS 40ABCDE	20	PHY 4ABCD	16	<i>Follow Coll. of Nat. & Ag. Sci. gen ed req't's</i>
	MATH 9A,9B,9C	4,4,4	MAT 1A,1B	4,4	
	MATH 10A,10B,46	4,4,4	MAT 1C,2	4,4	
	for P.E. option, add ENG 16 for Biophysics option, add BIO 11,12				<i>-Prioritize major req't's over gen educ.</i>
	NOTE: An overall grade point average of 2.70 in all transferable courses is required.				

THE MAJOR:

Physics inquires into the nature of the physical world and the laws governing our universe and it, thus, basic to the physical sciences, engineering, technology, and the life sciences. Physicists observe various forms of energy and matter and their relationships in research that investigates the behavior of forces as it work within the universe. The career objectives in physics are broad, including scientific research, teaching, engineering, business, law, health, and related fields. Demand for well-trained physicists should increase, especially in applied areas, but many graduates find they must go on to advanced training to prepare for job opportunities.

CAREER FIELDS:

Biophysicist	Photogrammetrist
Computer Systems Engineer	Physical Geographer
Engineer	Physical or laboratory tester
Environmentalist	Physician
Geologist	Physicist
Geophysicist	Radiologic Technologist
Industrial health engineer	Research and development
Metallurgist	Teacher
Oceanographer	Technical Illustrator

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