Spokane Community College - University of Idaho Curriculum Plan Physics (B.A.)

Successful completion of the requirements in 2009-10 Catalog year articulation agreement will lead to an Associate of Science Transfer for Physics from Spokane Community College, and a B.A. in Physics from the University of Idaho.

						Fr	eshm	an Year at Spokane Con	nmunity	College	•						
		Fall Quarter	SCC Credit	UI Equi				Winter Quarter	SCC Credit	UI Equiv Cour				Spring Quarter	SCC Credit	UI Equiv Cour	
ENGL&	101	English Composition I	5	ENGL	101	MATH&	142	Pre-Calculus II	5	MATH	144	CHEM&	163	General Chemistry w/Lab III	5	CHEM	00
MATH&	141	Pre-Calculus I	5	MATH	143			Social Science Elective	5					Humanities Elective	5		
CHEM&	161	General Chemistry w/Lab I	5	CHEM	111	CHEM&	162	General Chemistry w/Lab II	5	CHEM	112			Social Science/Humanities Elec	5		
								General Education Elective	3					General Education Elective	3		
otal			15			Total			18			Total			18		
						Soj	phom	ore Year at Spokane Co	mmunit	y Colleg	je						
		Fall Quarter	SCC Credit				Winter Quarter		SCC Credit					Spring Quarter	SCC UI Equivaler Credit Course		
MATH&	151	Calculus I	5	MATH	000	MATH&	152	Calculus II	5	MATH	170	PHYS	203	Engineering Physics III	5	PHYS	213
CS&	141	Computer Science I Java	5	CS	000	PHYS	202	Engineering Physics II	5	PHYS	212	MATH&	153	Calculus III	5	MATH	175
PHYS	201	Engineering Physics I	5	PHYS	211			General Education Elective	5					General Education Elective	5		
Γotal			15			Total			15			Total			15		
		Fall Semester		unior Y	ear at u	Iniversity o		Spring Semester	0 !!								
PHYS	321	Analytical Mechanics	Credit 3			PHYS		Modern Physics	Credit 3					SCC does not offer PHYS 201.	202 202		
PHYS	200	Physics Seminar	3 1			PHYS	305	Advisor Approved Elective	3					Students will take those course	. ,		
PHYS	341	Electromagnetic Fields I	3			PHYS	242	Electromagnetic Fields II	3					approved by Jim Minkler 10/13/		,	
PHYS	371	Mathematical Physics	3			РПІЗ	342	Advisor Approved Elective	3					approved by 3im Minkler 10/13/	09		
FIIIS	3/1	Advisor Approved Elective	3					Advisor Approved Elective	4								
		Advisor Approved Elective	4					Advisor Approved Elective	7								
Γotal			17			Total			16								
			S	enior Y	ear at U	Iniversity o	f Ida	no									
		Fall Semester	Credit					Spring Semester	Credit								
PHYS	411	Physical Instrumentation	3			PHYS	351	Introductory Quantum Mechan									
PHYS	433	Thermal and Statistical Physics						Advisor Approved Elective	3								
		Advisor Approved Elective	3					Advisor Approved Elective	3								
		Advisor Approved Elective	3					Advisor Approved Elective	3								
		Advisor Approved Elective	4					Advisor Approved Elective	4								
Γotal			16			Total			16								
												65					

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Notes

The physics program at UI introduces students in technical and non-technical curricula alike to the scientific method and to physical laws. The B.A. and B.S. curricula in physics emphasize a broad liberal-arts education and the core subjects in physics. Many B.A. and B.S. recipients go on to graduate study in physics or related disciplines.

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