

## Guide for Physics Transfer Students from WCCC

### Junior and Senior Year Curriculum for WCCC Physics A.S. Degree Transfer Students at Saint Vincent College – Physics Majors

Sugg. Term	Course ID	Course Title	Cr.	Term Offered	Saint Vincent Equivalent
1st Fall	PDV 171	Career Pathway Exploration	3	F	ND-000 elective
	PHY 255	Engineering Physics I	5	F	PH-111/113
	CHM 155	General Chemistry I	4	F, Sp, Su	CH-101/103
	MTH 172	Analytical Geometry and Calculus I	4	F, Sp, Su	MA-111
1st Spring	ENG 161	College Writing	3	F, Sp, Su	EL-102
	MTH 173	Analytical Geometry and Calculus II	4	F, Sp, Su	MA-112
	PHY 256	Engineering Physics II	5	Sp	PH-112/114
	CHM 156	General Chemistry II	4	F, Sp, Su	CH-102/104
2nd Fall	Elective	Humanities Elective	3	F, Sp, Su	Humanities Elective
	PHY 257	Thermodynamics and Fluid Mechanics	3	F	PH-214
	SPC 155	Effective Speech	3	F, Sp, Su	CA-120
	MTH 271	Analytical Geometry and Calculus III	4	F, Su	MA-211
2nd Spring	Elective	Social Science Elective	3	F, Sp, Su	Social Science elective
	PHY 258	Modern Physics	3	Sp	PH-211
	STEM	STEM Seminar	1	Sp	INTS-101
	MTH 272	Differential Equations	3	Sp, Su	MA-000
	Elective	Social Science Elective	3	F, Sp, Su	Social Science Elective
	Elective	Humanities Elective	3	F, Sp, Su	Humanities Elective

**61 Credits Transferred from WCCC**

<b>Typical Schedule for Physics Major at SVC entering in fall of odd years (with AS in Physics from WCCC)</b>			
<b>Junior Fall</b>	<b>Junior Spring</b>	<b>Senior Fall</b>	<b>Senior Spring</b>
PH-252	PH-213	PH-221	PH-241
PH-261	PH-215	PH-322	PH-243
PH-263	PH-244	Core	PH-370
PH-311	PH-341	Core	PH-381
Core	Core	Core	Core
Core	Core		Core
	Core		Elective
16 credits	17 credits	15 credits	17 credits
<b>Core Curriculum credits needed: 30</b>			

<b>Typical Schedule for Physics Major at SVC entering in fall of even years (with AS in Physics from WCCC)</b>			
<b>Junior Fall</b>	<b>Junior Spring</b>	<b>Senior Fall</b>	<b>Senior Spring</b>
PH-221	PH-213	PH-252	PH-215
PH-261	PH-241	PH-311	PH-244
PH-263	PH-243	Core	PH-341
PH-322	PH-370	Core	PH-381
Core	Core	Core	Core
Core	Core		Core
	Core		Elective
16 credits	17 credits	15 credits	17 credits
<b>Core Curriculum credits needed: 30</b>			