

## Guide for Mathematics Major Transfer Students from WCCC

### Junior and Senior Year Curriculum for WCCC Mathematics A.S. Transfer Students at Saint Vincent College – Mathematics Major

Sugg. Term	Course ID	Course Title	Cr.	Term Offered	Saint Vincent Equivalent
1st Fall	PDV 171	Career Pathway Exploration	3	F	FYS
	MTH 172	Analytical Geometry and Calculus I	4	F, Sp, Su	MA-111
	PHY 255	Engineering Physics I	5	F	PH-111/113
	CPT 160	Introduction to Programming	3	F, Sp, Su	CS-102
1st Spring	Elective	Lab Science elective	4-5	F, Sp, Su	Natural Science Elective
	CPT 180	C++ Programming	3	Sp, Su	CS-110
	ENG 161	College Writing	3	F, Sp, Su	EL-102
	MTH 173	Analytical Geometry and Calculus II	4	F, Sp, Su	MA-112
2nd Fall	Elective	Social Science Elective	3	F, Sp, Su	Social Science elective
	SPC 155	Effective Speech	3	F, Sp, Su	CA-120
	MTH 271	Analytical Geometry and Calculus III	4	F, Su	MA-211
	Elective	General Elective	3	F, Sp, Su	Elective
	Elective	Humanities Elective	3	F, Sp, Su	Humanities Elective
2nd Spring	MTH 273	Discrete Mathematics	3	Sp	CS-170
	MTH 272 or MTH 275	Differential Equations or Linear Algebra	3	Sp, Su	MTH-272 = MA-000 MTH-275 = MA-251
	Elective	Humanities Elective	3	F, Sp, Su	Humanities Elective
	STEM	STEM Seminar	1	F, Sp, Su	INTS-101
	Elective	Social Science Elective	3	F, Sp, Su	Social Science Elective
	Elective	General Elective	3	F, Sp, Su	Elective

### 61-62 Credits Transferred from WCCC

- The two general elective courses could be used to satisfy a Core Curriculum requirement in English, History, Philosophy, or Art/Music, which would reduce the needed Core credits to 24 if enrolled strategically.

<b>Typical Schedule for Mathematics Major at SVC (with AS in Mathematics from WCCC)</b>			
<b>Junior Fall</b>	<b>Junior Spring</b>	<b>Senior Fall</b>	<b>Senior Spring</b>
MA-311	MA-301	MA-341 or MA-321	MA-212 or MA-251
MA-421 or MA-451	MA-422 or MA-452	MA-421 or MA-451	MA-422 or MA-452
CH-101	CH-102	Core	Core
CH-103	CH-104	Core	Core
Core	Core	Core	Core
Core	Core		
17 credits	17 credits	16 credits	16-17 credits
<b>Core Curriculum credits needed: 30 (could be as low as 24 credits if general electives are used to fulfill noted areas above)</b>			