

**Mathematics Education - MTHE (BSEDS)**

This is a recommended program of study for students planning to transfer to the College of Liberal Arts and Human Sciences to earn a Bachelor of Science in Education degree in Secondary Education with a major in Mathematics Education (MTHE).

Recommended VCCS Courses	VT Credits 1st. Sem	VT Credits 2nd. Sem	Virginia Tech Course Application
<b>First Year</b>			
<b>ENG 111, 112</b>	3	3	ENGL 1105, 1106
<a href="#">Reasoning in the Social Sciences</a> <sup>1, 2, 3</sup>	3	3	Reasoning in the Social Sciences Courses
<a href="#">Critical Thinking in the Humanities</a> <sup>1, 2, 3</sup>	3	3	Critical Thinking in the Humanities Courses
<b>Computer Programming Course</b> <sup>4</sup>	3-4		Approved Computer Programming Course
<b>MTH 263</b> <sup>5</sup>		4	MATH 1225
<b>MTH 167</b>	3		
<b>MTH 245</b>		3	STAT 3005
<b>TOTAL</b>	<b>15-16</b>	<b>16</b>	
<b>Second Year</b>			
<a href="#">Critique and Practice in Design and the Arts</a> <sup>1, 2, 3</sup>	3	3	Critique and Practice in Design and the Arts Courses
<a href="#">Reasoning in the Natural Sciences</a> <sup>1, 2</sup>	4	4	Reasoning in the Natural Sciences Courses
<b>MTH 264</b>	4		MATH 1226
<b>MTH 266</b> <sup>6</sup>	3		MATH 2114
<b>EDU 254</b>	3		VT 2xxx <sup>7</sup>
<b>PSY 245</b>		3	PSYC 2xxx <sup>8</sup>
<b>MTH 265</b>		4	MATH 2204 + 1xxx
<a href="#">Advanced/Applied Discourse</a> <sup>1, 2</sup>		3	Advanced/Applied Discourse (1a)
<b>TOTAL</b>	<b>17</b>	<b>17</b>	

**Footnotes**

<sup>1</sup> See VCCS General Education Requirements: Pathways Core Concepts.

<sup>2</sup> See VCCS Transferable courses at VCCS and Richard Bland Transferable Courses.

<sup>3</sup> Choose one course that meets both Pathways 7 and (2, 3, or 6)

<sup>4</sup> Choose one from; CSC 201, 210, ITP 120, 150

<sup>5</sup> Prerequisite: Completion of MTH 167 or MTH 161/162 or equivalent with a grade of C or better.

<sup>6</sup> Prerequisite: Completion of MTH 263 or equivalent with a grade of B or better or MTH 264 or equivalent with a grade of C or better.

<sup>7</sup> Transfer as VT elective, sub for EDCI 4554, transfer students only

<sup>8</sup> Transfer as PSYC elective, sub for EDEP 2374, transfer students only

Students who have not completed two units of a single foreign language in high school **MUST** earn six semester hours of college-level foreign or classical language credit (ex: 1105-1106 or 1114). These six hours are in addition to the 120 hours required for graduation.

Please be in contact with the CLAHS contact listed in the Transfer Guide if you have questions about the Pathways Core Concepts and VCCS courses that can be used to fulfill them.