

CCV STEM Studies A.S. to UVM Mathematics B.A. Pathway
College of Arts and Sciences (CAS)
Catalogue Year: 2020-2021

CCV Degree Program - STEM Studies	UVM Degree Program - Mathematics
Gen Ed - First Semester Seminar INT 1050 - Dimensions of Self and Society	HUMN 0XX, fulfills one CAS Humanities requirement
Gen Ed - Technological Literacy Select from approved list of CCV offerings	Elective (please refer to the UVM Transfer Guide)
Gen Ed - Communication ANT 2020 - Language, Culture, and Communication	ANTH 028 - D2:Linguistic Anthropology, fulfills University D2 requirement, one CAS Social Sciences requirement, CAS Non-European Cultures
Gen Ed - English Composition ENG 1061 - English Composition	ENGS 001 - FW:Written Expression, fulfills University FWIL requirement
Gen Ed - Mathematics MAT 1531 - Calculus I (4 credits)	MATH 021 - QR:Calculus I, fulfills University QR requirement, CAS Mathematical Sciences requirement, and one MATH Major requirement
Gen Ed - Research and Writing Intensive ENG 2135 - Technical Writing and Research	ENGS 0XX, Elective
Gen Ed - Scientific Method <i>Choose one 4-credit lab course except BIO 2340</i>	Fulfills one CAS Natural Science requirement (lab science) (please refer to the UVM Transfer Guide)
Gen Ed - Human Expression <i>Choose one course from this list:</i> DAN 2210, THA 2121, MUS 1025, MUS 1028, MUS 1060, any ART, any ARH, any FLM	Fulfills CAS Fine Arts requirement (please refer to the UVM Transfer Guide)
Gen Ed - Human Behavior <i>Choose one from:</i> SOC 1020 SOC 2040	Fulfills University D1 requirement and one CAS Social Sciences requirement (please refer to the UVM Transfer Guide)

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<p>Gen Ed - Global Perspectives and Sustainability</p> <p><i>Choose one from:</i> ANT 1010, ANT 2010, ENV 1010, GEO 2020, SOC 1010</p>	<p>Fulfills University SU requirement (please refer to the UVM Transfer Guide)</p>
<p>Gen Ed</p> <p>HUM 2010 - Seminar in Educational Inquiry</p>	<p>HUMN 0XX, fulfills one of CAS Humanities requirement</p>
<p><i>Choose a minimum of 23 college-level credits in:</i> AHS, ARC, BIO, CHE, CIS (above CIS-1020), ENV, MAT, MEC, or PHY</p> <p>MAT 2532 - Calculus II (4 credits) <i>All other courses will meet Elective credits to UVM degree.</i></p> <p><i>Choose one 3-credit course from:</i> BIO 1140, BIO 2260, BIO 2330, ENV 1055, MET 1020, PHY 1110</p>	<p>MATH 022 - QR:Calculus II, CAS Math Major requirement</p> <p>Fulfills one CAS Natural Science requirement (non-lab science) (please refer to the UVM Transfer Guide)</p>
<p>INT 2860 - Professional Field Experience</p>	<p>EDEC XXX, Elective</p>
<p>Electives credits (as needed to reach degree requirements)</p>	<p>Please refer to the UVM Transfer Guide</p>
<p>Total CCV credits: 60</p>	

UVM COURSE REQUIREMENTS

UVM Semester One	UVM Semester Two
MATH/STAT Concentration course	MATH/STAT Concentration course
MATH/STAT Concentration course	MATH/STAT Concentration course
MATH/STAT Concentration course	MINOR**
MINOR	MINOR
FOREIGN LANGUAGE (3 or 4 credits)*	FOREIGN LANGUAGE (3 or 4 credits)*
UVM Semester Three	UVM Semester Four
MATH/STAT Concentration course	MATH/STAT Concentration course
MATH/STAT Concentration course	MATH/STAT Concentration course
STAT Concentration/Elective**	STAT Concentration/Elective**
MINOR	MINOR
LITERATURE	MINOR
<p>Total credits required to earn Bachelor's degree is 120</p> <p><i>Number of credits needed in major will vary based on selected concentration.</i></p>	

**Variance in credit based on foreign language level*

***Minor options can slightly vary in number of credits. Average number of credits is 18 - any adjustment will impact number of Elective credits needed to earn UVM degree.*

UVM offers a wide variety of Minor options. Due to course sequencing and prerequisite completion, not all minors can be completed in four semesters. We recommend you connect with your advisor to discuss your career goals and degree completion timeline.

Please review the [UVM catalogue](#) for a list of available minors.