

CCV STEM Studies A.S. to UVM Mathematics B.A. Pathway
College of Arts and Sciences (CAS)
Catalogue Year: 2022-2023

| CCV DEGREE PROGRAM: STEM Studies | UVM DEGREE PROGRAM: Mathematics B.A. |
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| Gen Ed: First Semester Seminar INT 1050 - Dimensions of Self & Society | HUMN 01X - D1:fulfills one CAS Humanities General Education Core requirement, fulfills University D1 |
| Gen Ed: Introductory Written Expression ENG 1061 - English Composition | ENGS 001 - FW:Written Expression, fulfills University FWIL |
| Gen Ed: Digital and Computer Literacy Select from approved list of CCV Course Offerings | Elective (please refer to the UVM Transfer Guide) |
| Gen Ed: Mathematics: <i>Choose:</i> MAT 1531 - Calculus I | MATH 021 - QR:Calculus I, fulfills QR and CAS Mathematical Sciences requirements |
| Gen Ed: Natural Science <i>Choose one four credit lab course from:</i> BIO 1210 - Intro to Biology BIO 1212 - Intro Bio: Cells & Genetic Basis CHE 1031 - General Chemistry I BIO 1220 - Botany | Fulfills CAS Natural Science (lab) requirement BIOL 0LX (1-99 level BIOL with lab credit) BIOL 001 - Principles of Biology CHEM 031 - General Chemistry I PBIOL 004 - SU Intro to Botany |
| Gen Ed: Social Science <i>Choose:</i> SOC 1020 - Ethnicity & Diversity in the US | SOC 019 - D1:Race Relations in the US, fulfills D1 and CAS Social Sciences requirement |
| Gen Ed: Arts and Aesthetics <i>Choose from:</i> DAN 2210 - Middle Eastern Dance & Culture THA 2121 - Acting I ART, ARH, FLM, MUS from approved list of CCV Course Offerings | Fulfills CAS Fine Arts requirement: DNCE 0XX (1-99 level DNCE credit) THE 010 - Acting I: Intro to Acting Please refer to the UVM Transfer Guide |
| Gen Ed: Humanistic Perspectives <i>Choose:</i> ANT 1010 - Intro to Cultural Anthropology | ANTH 021 – D2:SU:Cultural Anthropology, fulfills D2 & SU, CAS Non-European Cultures requirement, and one CAS Social Sciences requirement |
| Gen Ed: Communication Select from approved list of CCV offerings | Elective (please refer to the UVM Transfer Guide) |
| Gen Ed: Research & Writing Intensive ENG 2135 - Technical Writing & Research | ENGS 0XX (1-99 level ENGS credit), Elective |
| Gen Ed: HUM 2010 - Seminar in Educational Inquiry | HUMN 0XX - fulfills one CAS Humanities General Education Core requirement |
| INT 2860 - Professional Field Experience | EDEC 0XX (1-99 level EDEC credit), Elective |
| STEM Electives: <i>Choose a minimum of 23 college-level credits in:</i> AHS, ARC, BIO, CHE, CIS (above CIS-1020), ENV, MAT, MEC, or PHY <i>Choose:</i> Any MAT course to best prepare for Calculus <i>Choose one three credit non-lab course from:</i> BIO 1140 - Human Biology BIO 2260 - Principles of Conservation Biology ENV 1055 - Fundamentals of Earth Science MET 1020 - Meteorology PHY 1110 - Intro to Astronomy <i>Choose:</i> MAT 2532 - Calculus II | Elective (please refer to the UVM Transfer Guide) Fulfills Natural Science (non-lab) General Education Core: BIOL 004 - The Human Body BIOL 0XX (1-99 level BIOL credit) GEOL 0XX (1-99 level GEOL credit) GEOG 040 - Weather, Climate & Landscapes ASTR 005 - Exploring the Cosmos MATH 022 - QR Calculus II |
| Total Credits at CCV: 60-62 | |
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| <p>Credits remaining at UVM: Distribution: 2 Foreign Language Courses, 1 Literature (11 credits) Major (Mathematics Concentration): MATH 121, 052, 124, 18 credits in mathematics/statistics courses credits at the 100-level or higher, with at least 12 credits at the 200-level (28 credits) *Minor: 12-18 credits Electives: As needed to reach 60 total credits Total credits required to earn Bachelor’s degree is minimum 120.</p> | <p><i>Please review the <u>UVM catalogue</u> for a list of available minors.</i></p> <p><i>*Minor options can slightly vary in number of credits. Average number of credits is 18 – any adjustment will affect number of Elective credits needed to earn UVM degree.</i></p> <p><i>UVM offers a wide-variety of Minor options. Due to course sequencing and pre-req 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.</i></p> |
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