

CCV STEM Studies A.S. to UVM Mathematics B.A. Pathway
College of Arts and Sciences (CAS)
Catalogue Year: 2026-2027

CCV DEGREE PROGRAM: STEM Studies	UVM DEGREE PROGRAM: Mathematics B.A.
Gen Ed: First Semester Seminar INT 1050 - Dimensions of Self & Society	Catamount Core: D1 – Race and Racism in the US: HUMN 1XXX – 1000-level HUMN credit, D1
Gen Ed: Introductory Written Expression ENG 1061 - English Composition	Catamount Core: WIL1 – Writing and Information Literacy 1: ENGL 1001 - Written Expression, WIL1
Gen Ed: Digital and Computer Literacy Select from approved list of CCV Course Offerings ENV 1120 Geospatial Technology	Catamount Core: N1 – Natural Science without a Lab, and QD – Quantitative and Data Literacy: ENVS 1XXX – 1000-level ENVS credit, N1, QD
Gen Ed: Mathematics: <i>Choose:</i> MAT 1531 - Calculus I Additional MAT coursework to prepare for Calculus I can be completed as STEM electives – see below	Catamount Core: MA – Mathematics: MATH 1234 - Calculus 1, MA, Major
Gen Ed: Natural Science <i>Choose one four credit lab course from:</i> CHE 1031 - General Chemistry I CHE 1032 - General Chemistry II	Catamount Core: N2 – Natural Science with a lab: CHEM 1400 - General Chemistry 1, N2, QD CHEM 1450 - General Chemistry 2 N2, QD
Gen Ed: Social Science <i>Choose from:</i> ANT 2020, Language, Culture & Communication CRJ 1010, Intro to Criminal Justice ECO 2020, Macroeconomics ECO 2030, Microeconomics GEO 2020, World Regions & Cultures POS 1020, American Politics & Govt PSY 1010, Introduction to Psychology SOC 1010, Introduction to Sociology SOC 1020 Ethnicity & Diversity in U.S.	Catamount Core: S1 – Social Science: ANTH 1600 - Linguistic Anthropology, D2, S1 SOC 1XXX – 1000-level SOC credit, S1 ECON 1400 – Principles of Macroeconomics, S1 ECON 1450 – Principles of Microeconomics, S1 GEOG 1760 Global Environments & Cultures, D2, S1, SU POLS 1300 US Political System, S1 PSYS 1400 Intro to Psychological Science, S1 SOC 1500 Introduction to Sociology, S1, SU SOC 1370 – Race Relations in the US, D1, S1
Gen Ed: Arts and Aesthetics <i>Choose from:</i> ARH 1040, History & Meaning of Public Art ARH 1050, Art Appreciation ARH 2050, Women & Art ART 1011, Drawing I ART 1020, Introduction to Studio Art ART 1070, Introduction to Jewelry ART 1160, Landscape in Art ART 1170, Foundations of Sculpture ART 2020, Color Theory ART 2031, Life Drawing I ART 2212, Painting II ART 2315, Digital Photography II ART 2320, Stained Glass ART 2440, Digital Animation II ENG 2090, Travel Writing ENG 2101, Creative Writing I ENG 2150, CW: Autobiography & Memoir FLM 1050, Digital Filmmaking I FLM 2050, Introduction to Film Study	Catamount Core: AH1 – Arts: ARTH 1XXX 1000-level ARTH credit, AH1 ARTH 1XXX 1000-level ARTH credit, AH1 ARTH 2XXX – 2000-level ARTH credit, AH1 ARTS 1100 – Drawing, AH1 ARTS 1400 – Perspectives on Art Making, AH1 ARTS 1XXX – 1000-level ARTS credit, AH1 ARTS 1XXX – 1000-level ARTS credit, AH1 ARTS 1XXX – 1000-level ARTS credit, AH1 ARTS 1XXX – 1000-level ARTS credit, AH1 ARTS 1XXX – 1000-level ARTS credit, AH1 ARTS 2XXX – 2000-level ARTS credit AH1 ARTS 2XXX – 2000-level ARTS credit, AH1 ARTS 2XXX – 2000-level ARTS credit, AH1 ARTS 2XXX – 2000-level ARTS credit, AH1 ARTS 2XXX – 2000-level ARTS credit, AH1 ENGL 1017 – Topics in FYS: Writing, AH1, WIL1 ENGL 1730 – Intro to Creative Writing, AH1 ENGL 2XXX – 2000-level ENGL credit, AH1 FTS 1XXX – 1000-level FTS credit, AH1 FTS 1420 – Classical Cinema, AH1

FLM 2060, Digital Filmmaking II ARH 2200 Decolonizing Arts & Culture	FTS 2XXX – 2000-level FTS credit, AH1 HUMN 1XXX – 1000-level HUMN credit, AH1, D1
Gen Ed: Humanistic Perspectives <i>Choose:</i> ANT 1010 - Introduction to Cultural Anthropology	Catamount Core: D2 – Diversity of Human Experience, S1 – Social Science, and SU – Sustainability: ANTH 1100 - Cultural Anthropology, D2, S1, SU
Gen Ed: Communication <i>Choose from:</i> COM 1010 – Effective Workplace Communication COM 1020 – Interpersonal & Small Group Communication COM 2010 – Principles of Persuasion ENG 1070 – Effective Speaking	Catamount Core: OC – Oral Communication: CDAE 1XXX – 1000-level CDAE credit, OC SPCH 1XXX – 1000-level SPCH credit, OC SPCH 1XXX – 1000-level SPCH credit, OC SPCH 1400 – Effective Speaking, OC
Gen Ed: Research & Writing Intensive ENG 2135 - Technical Writing & Research	Catamount Core: WIL1 – Writing and Information Literacy 1: ENGL 1XXX – 1000-level ENGL credit, WIL1
Gen Ed: HUM 2010 - Seminar in Educational Inquiry	Catamount Core: AH3 – Humanities and WIL1 – Writing and Information Literacy 1: HUMN 1XXX – 1000-level HUMN credit, AH3, WIL1
Program Requirements:	
INT 1017 - Creative and Critical Thinking	IDSS 1XXX – 1000-level IDSS credit, Elective
MEC 1330 - Fundamentals of Engineering Design	ENGR 1010 First Year Design Experience, Elective
INT 2860 - Professional Field Experience	EDEC XXXX – EDEC credit at no specific level, Elective
STEM Electives: <i>Choose a minimum of 19 college-level credits in:</i> AHS, BIO, CHE, CIS, ENV, HOH, MAT, MEC, or PHY <i>Choose:</i> Any MAT course to best prepare for Calculus <i>Choose:</i> MAT 2532 - Calculus II <i>Choose:</i> CIS 1151 Website Development	Elective (please refer to the UVM Transfer Guide) MATH 1248 - Calculus II, MA, Major CIS 1XXX – 1000-level CS credit, Major
Total Credits at CCV: 60	
Credits remaining at UVM: <u>CCC & CAS Distribution:</u> 3 Credits in AH2 3 Credits AH3 3 credits in GC1 or GC2 8 Credits in the same foreign language <u>Major:</u> 31 Credits in MATH courses <u>Minor:</u> 15-18 Credits (a Minor is required for this degree) <u>Electives:</u> 0 Credits (to reach 120 total for graduation) Total credits required to earn Bachelor's degree is minimum 120.	<i>Please review the UVM catalogue for a list of available minors. Minor options can slightly vary in number of credits. The average number of credits is 18. Any adjustment will affect the number of elective credits needed to earn a UVM degree. Due to course sequencing and pre-requisite completion, not all minors can be completed in four semesters. Please connect with your advisor to discuss your career goals and degree completion timeline.</i> <i>Students completing Calculus and/or specific foreign languages at UVM will be required to complete placement tests prior to registering into these courses at UVM.</i> <i>Students with applied transfer credit to their CCV degree and other transfer credits must send an official transcript from <u>each</u> transcribing institution to UVM. How transfer credits are accepted by CCV may differ from UVM's policies. Please note that this includes evaluation of AP, IB, and CLEP scores.</i>

Students must complete 30 of their last 45 credits at UVM to earn a UVM degree.

Contact Undergraduate Admissions, transfer.apply@uvm.edu with questions about minimum admissions requirements and about transfer credits from other institutions.

Information related to Academic Honors can be found in the UVM [undergraduate catalogue](#). Please note: to graduate with Latin Honors, a student must have taken at least sixty credits at UVM in which a letter grade of A, B, C, D, or F has been awarded.

CATAMOUNT CORE: UVM'S GENERAL EDUCATION CURRICULUM



CAS DISTRIBUTION

Students must complete coursework that, when combined, meets the university's Catamount Core Curriculum (CCC) requirements and the College of Arts and Sciences requirements. In most cases, completing the college requirements will result in completing the university requirements as well. Courses used to satisfy these requirements may not be taken on a pass/no pass basis.

Students will be able to take courses that fulfill more than one category, but they must still take at least 40 unique credits of courses that have been approved to fulfill CATAMOUNT CORE CURRICULUM requirements.

REQUIREMENTS	S1 SOCIAL SCIENCES -2 courses with an S1 designation N1/N2 NATURAL SCIENCES -1 course with an N1 designation -1 course with an N2 designation OR -2 courses with an N2 designation MA/QD QUANTITATIVE REASONING -1 course with an MA designation -1 course with a QD designation	D1/D2/SU COMMON GROUND VALUES -1 course with a D1 designation -1 course with a D2 designation -1 course with an SU designation GC2/OC/WIL2 LANGUAGE 2 courses/at least 6 credits in the same foreign language at the appropriate level, as determined by the offering department. Typically, these courses carry GC2, OC, and/or WIL2 designations.
WIL1 FOUNDATIONAL WRITING -1 course with a WIL1 designation AH1 ARTS -3 credits in courses with an AH1 Arts designation AH2 LITERATURE -1 course with an AH2 designation AH3 HUMANITIES -2 courses with an AH3 designation		