

**CCV STEM Studies A.S. to UVM Health Sciences B.S. Pathway**  
**College of Nursing and Health Sciences (CNHS)**  
**Catalogue Year: 2020-2021**

CCV Degree Program - STEM Studies	UVM Degree Program - Health Sciences
Gen Ed - First Semester Seminar	
INT 1050 - Dimensions of Self and Society	HUMN 0XX - 3 credits in Humanities
Gen Ed - Technological Literacy	
Select from approved list of CCV offerings	Elective (please refer to the <a href="#">UVM Transfer Guide</a> )
Gen Ed - Communication  <i>Choose from:</i> ANT 2020 - Language, Culture, and Communication COM 1020 - Interpersonal and Small Group Communication COM 1030 - Intercultural Communication PSY 2420 - Group Process: Theory and Practice	3 credits in Social and Behavioral Sciences (please refer to the <a href="#">UVM Transfer Guide</a> )
Gen Ed - English Composition  ENG 1061 - English Composition	ENGS 001 - FW:Written Expression <i>fulfills University FWIL requirement</i>
Gen Ed - Mathematics  <i>Choose from:</i> MAT 1531 - Calculus I MAT 2021 - Statistics I MAT 2532 - Calculus II	MATH 021 STAT 111 MATH 022 3-4 credits in Mathematics or Statistics, fulfills University QR requirement Students <b>must</b> complete either STAT 111 or STAT 141. Students then <b>choose</b> to take either 6 credits of MATH (at 019 level or higher) or 2 STAT classes or 1 MATH and 1 STAT class.
Gen Ed - Research and Writing Intensive  ENG 2135 - Technical Writing and Research	ENGS 0XX, 3 credits in English
Gen Ed - Scientific Method  <i>Choose from one of the following lab sciences (4 credits):</i> BIO 1210 - Introduction to Biology BIO 1211 - Introductory Biology: Ecology and Evolution BIO 2011 - Human Anatomy and Physiology I BIO 2012 - Human Anatomy and Physiology II BIO 2120 - Elements of Microbiology CHE 1020 - Introductory Chemistry CHE 1031 - General Chemistry I CHE 1032 - General Chemistry II PHY 1041 - Physics I PHY 1042 - Physics II	4 credits in Natural and Applied Sciences (please refer to the <a href="#">UVM Transfer Guide</a> )

CCV Degree Program - STEM Studies	UVM Degree Program - Health Sciences
<p>Gen Ed - Human Expression</p> <p><i>Choose one course from approved CCV offerings in ARH, PHI, THA</i></p>	<p>3 credits in Humanities (please refer to the <a href="#">UVM Transfer Guide</a>)</p>
<p>Gen Ed - Human Behavior</p> <p><i>Choose from:</i> SOC 1020 - Ethnicity and Diversity in the United States SOC 2040 - Race, Ethnicity, Class, and Gender</p>	<p>SOC 019, SOC 11X 3 credits in Social and Behavioral Sciences, University D1 requirement</p>
<p>Gen Ed - Global Perspectives and Sustainability</p> <p><i>Select from approved list of CCV offerings from the following:</i> ANT Anthropology, GEO Geography, SOC Sociology <i>or</i> SSC 1010 - Introduction to the Study of Community</p>	<p>3 credits in Social and Behavioral Sciences</p>
<p>Gen Ed</p> <p>HUM 2010 - Seminar in Educational Inquiry</p>	<p>HUMN 0XX, 3 credits in Social and Behavioral Sciences</p>
<p>23 college-level credits in AHS, ARC, BIO, CHE, CIS (above CIS-1020), ENV, MAT, MEC, or PHY</p> <p><i>Choose 6 additional MATH/STAT credits (9 total MATH/STAT credits required for UVM):</i> MAT 1531 - Calculus I MAT 2021 - Statistics MAT 2532 - Calculus II</p> <p><i>Choose at least 10 additional credits to meet Natural and Applied Science requirement at UVM:</i> BIO 1140 - Human Biology BIO 1210 - Introduction to Biology BIO 1211 - Introductory Biology: Ecology and Evolution BIO 1212 - Introductory Biology: Cells and Genetics Basis of Life BIO 1220 - Botany BIO 2011 - Human Anatomy and Physiology I BIO 2012 - Human Anatomy and Physiology II BIO 2120 - Elements of Microbiology ENV 1010 - Introduction to Environmental Science CHE 1020 - Introductory Chemistry CHE 1031 - General Chemistry I CHE 1032 - General Chemistry II PHY 1041 - Physics I PHY 1042 - Physics II</p> <p><i>Choose 3 credits:</i> AHS 1045 - Introduction to Health Care AHS 1205 - Medical Terminology AHS 1410 - Introduction to Phlebotomy AHS 2120 - Wellness for Life AHS 2470 - Fundamentals of Pharmacology Additional STEM elective to reach total STEM degree requirements</p>	<p>Students <b>must</b> complete either STAT 111 or 141. Students then <b>choose</b> to take either 6 credits of MATH (at 019 level or higher) or 2 STAT classes or 1 MATH and 1 STAT class.</p> <p>10 additional credits in Natural and Applied Sciences (UVM requires a total of 18 credits in Natural and Applied Sciences, 14 credits completed at CCV, 4 credits at UVM)</p>

CCV Degree Program - STEM Studies	UVM Degree Program - Health Sciences
INT 2860 - Professional Field Experience	Elective
<b>Total CCV credits: 60</b>	
	4 credits of BHSC, Human Cell Biology (counts towards 18 credits of Natural and Applied Sciences)
	18 credits in Health-Related Electives
	36 credits REQUIRED for Health Sciences Majors: HSCI 021 - Introduction to Public Health HSCI 102 - Epidemics: Dynamics of Infectious Disease HSCI 103 - D2:Foundations of Global Health HSCI 130 - Health Promotion HSCI 140 - Structure and Finance of US Healthcare HSCI 160 - Health Communication NH 120 - Health Care Ethics *MATH/STAT/STAT 111 - QR:Elements of Statistics or STAT 141 QR: Basic Statistical Methods I HSCI 230 - SU:Reading and Evaluating Research HSCI 240 - Project Planning and Evaluation HSCI 250 - Writing for Health Professionals HSCI 280 - Capstone  <i>*if not taken at CCV</i>
	Additional CNHS/UVM requirements/Electives
Gen Ed - First Semester Seminar	
INT 1050 - Dimensions of Self and Society	HUMN 0XX - 3 credits in Humanities

**UVM Course Requirements - Fall Start (2020-2021)**

<b>Fall 2020</b>	<b>credits</b>	<b>Spring 2021</b>	<b>credits</b>
NH 120 - Health Care Ethics	3	HSCI 102 - Epidemics	3
HSCI 021 - Intro to Public Health	3	HSCI 130 - Health Promotion	3
STAT 111/141	3	HSCI 140 - US Healthcare System	3
Life and Physical Science Elective (BHSC 034)	4	HSCI 160 - Health Communication	3
Electives	3	Electives (D1)	3-6
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15-18</b>
<b>Fall 2021</b>	<b>credits</b>	<b>Spring 2022</b>	<b>credits</b>
HSCI 103 - D2:Global Health	3	HSCI 250 - Writing for Health Professions	3
HSCI 230 - SU:Reading and Evaluating Research	3	HSCI 280 - SL:Capstone	3
HSCI 240 - Project Planning	3	Electives	9-12
Electives	3-6		
<b>Total</b>	<b>15-18</b>	<b>Total</b>	<b>15-18</b>

## UVM Course Requirements - Summer Start (2020-2021)

### Summer 2020

HSCI 021 - Introduction to Public Health (OL)

Fall 2020	credits	Spring 2021	credits
NH 120 - Health Care Ethics	3	HSCI 130 - Health Promotion	3
HSCI 103 - D2:Global Health	3	HSCI 140 - US Healthcare System	3
STAT 111/141	3	HSCI 160 - Health Communication	3
HSCI 102 - Epidemics	3	Life and Physical Science Elective (BHSC 034)	4
Electives (D1)	3-6	Electives	3-6
Total	15-18	Total	16-19
Fall 2021	credits	Spring 2022	credits
HSCI 230 - SU:Reading and Evaluating Research	3	HSCI 250 - Writing for Health Professions	3
HSCI 240 - Project Planning	3	HSCI 280 - SL:Capstone	3
Electives	6-9	Electives	9-12
Total	15-18	Total	15-18

Minimum of 120 semester credit hours required for the major; final GPA 2.3 or higher.

Elective credits required will depend on student transcript and transfer credits.

Coursework consists of:

- *36 credits in core courses.*
- *Electives: 18 credits in approved health related courses, 18 credits in life and physical sciences (including BHSC 034, required), 12 credits in social and behavioral sciences (two or more disciplines), 6 credits in math/statistics (excluding STAT 111 and STAT 141), 6 credits in English (including ENGS 001), 6 credits in humanities, and 12 credits in free electives.*
- *University sustainability (SU - 3 credits), diversity fulfillment (D1, D2 - 6 credits), and quantitative reasoning (QR - 3 credits) are required for graduation.*