

ARTICULATION AGREEMENT BETWEEN KEENE STATE COLLEGE AND RIVER VALLEY COMMUNITY COLLEGE

In the spirit of providing New Hampshire students with enhanced freedom of choice and access among Community College System of New Hampshire system partners, Keene State College (KSC) and River Valley Community College (RVCC) enter into an Articulation Agreement for the delivery of academic programs and or curricula as identified in this document and in its appendices.

Students completing a minimum of 60 credits (credit bearing courses applied to community college requirements) at River Valley Community College will be admitted to Keene State College with junior status. Courses at River Valley Community College that are not equivalent to Keene State College major or Integrative Studies Program requirements but are credit bearing courses applied to community college requirements will be applied as general elective credits toward the baccalaureate degree. Students completing a minimum of 60 credits at River Valley Community College, in most cases, will have the opportunity to complete their baccalaureate degree in two years.

PURPOSE

The agreement will contribute to the seamless access to baccalaureate level study for River Valley Community College students who complete Associate degrees in:

- AS Computer Technology – Networking Option
- AS Computer Technology – Website Design Option
- AS Early Childhood Education
- AA Teacher Education
- AS Business Management

The purpose of this Articulation Agreement is to provide the framework which specifies how individuals who complete:

- an Associate Degree of Science in Computer Technology – Networking Option at River Valley Community College may transfer credits into a Baccalaureate degree of Science in Applied Computer Science at Keene State College (Appendix A)
- an Associate Degree of Science in Computer Technology – Website Design Option at River Valley Community College may transfer credits into a Baccalaureate degree of Science Applied Computer Science at Keene State College (Appendix B)

- an Associate Degree of Science in Early Childhood Education at River Valley Community College may transfer credits into a Baccalaureate degree of Science in Education: Early Childhood Development at Keene State College (Appendix C)
- an Associate Degree of Arts in Teacher Education at River Valley Community College may transfer credits into a Baccalaureate degree of Science in Education: Elementary Education at Keene State College (Appendix D)
- an Associate Degree of Science in Business Management at River Valley Community College may transfer credits into a Baccalaureate degree of Science in Management at Keene State College (Appendix E)

This agreement also specifies how general education courses taken at River Valley Community College will be applied to Keene State College's Integrative Studies Program (Appendix F)

Finally this agreement identifies courses taken at River Valley Community College that can be applied to various baccalaureate programs at Keene State College. These equivalencies create a pathway for students to transition from River Valley Community College to Keene State College. (Appendix G)

JOINT RESPONSIBILITIES

To the extent possible, River Valley Community College and Keene State College will publicize this Agreement and collaborate in joint marketing efforts. River Valley Community College and Keene State College will each review the status of the Agreement as appropriate and each party will notify the other of any opportunities or issues that need to be addressed.

COURSE AND/OR PROGRAM CHANGES

Any course or program changes at either River Valley Community College or Keene State College that impact the existing articulation agreement must be communicated to the designated campus representative at each institution.

PERIODIC REVIEW

Articulation agreements will be reviewed every five years to determine if any changes in course content or outcomes have occurred that might impact the existing agreement.

ACADEMIC STANDARDS

Keene State College assures the acceptance of an Associate degree graduate who has earned a grade point average of a 2.0 or better. Courses are evaluated on an individual basis to determine the appropriate academic equivalents.

Grades earned at other institutions are not included in the computation of the student's grade point average at Keene State College. Students should refer to the Keene State College Transfer of Credit Policy (<http://www.keene.edu/aca/transfer.cfm>). Once admitted students are responsible for becoming aware of, and meeting, the standard established for academic performance at Keene State College. A cumulative grade point average (GPA) of 2.00 is required to be in good academic standing.

TERM AND TERMINATION

This agreement will become effective immediately after all parties have signed. It may be terminated by either party by giving notice in writing to the other party at least twelve (12) months prior to the date of termination.

PROGRAM OVERSIGHT

Computer Technology: Networking Option

The RVCC Associate Degree in **Computer Technology: Networking Option** is administered by the program director and supervised by the department chair. The KSC Baccalaureate in **Applied Computer Science** is administered by the chair of the department (Mike Hanrahan) and supervised by the Dean of Sciences.

Computer Technology: Website Design Option

The RVCC Associate Degree in **Computer Technology: Website Design Option** is administered by the program director and supervised by the department chair. The KSC Baccalaureate in **Applied Computer Science** is administered by the chair of the department (Mike Hanrahan) and supervised by the Dean of Sciences.

Business Management

The RVCC Associate Degree in **Business Management** is administered by the program director and supervised by the Vice President of Academic Affairs. The KSC Baccalaureate in **Management** is administered by the chair of the department (Linda Hadden) and supervised by the Dean of Sciences.

Early Childhood Education

The RVCC Associate Degree in **Early Childhood Education** is administered by the program director and supervised by the Vice President for Academic Affairs. The Keene State College Baccalaureate in Education: Early Childhood Development is administered by the chair of the Education Department in conjunction with the program coordinator for Early Childhood, and supervised by the Dean of Professional and Graduate Studies.

Teacher Education

The RVCC Associate Degree in **Teacher Education** is administered by the program director (Susan Parry) and supervised by the chair of the department (Kerry Belknap Morris). The KSC Baccalaureate in **Education: Elementary Education** is administered by the chair of the department (Ellen Nuffer) and supervised by the Dean of Professional and Graduate Studies.

DISPUTE RESOLUTION

Notice of any and all complaints and/or grievances concerning this Agreement shall be provided to the administrators assigned to this contract. Both partners will work collaboratively to solve any said disputes.

ASSIGNMENTS

This Agreement may not be assigned or otherwise transferred by either party, in whole or in part, without the express prior written consent of the other party.

APPLICABILITY OF STATE LAW

This agreement shall be governed and interpreted under the laws of the State of New Hampshire.

APPENDIX A

AS Computer Technology – Networking Option to BS Applied Computer Science

AS Computer Technology – Networking option	http://www.rivervalley.edu/program_CS.html	BS Applied Computer Science
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The Bachelor of Science in Applied Computer Science provides students with a thorough grounding in computer programming and information science and an introduction to the various branches of computer science. The primary focus is to prepare students to successfully operate as information science (IS) or information technology (IT) professionals, and/or pursue graduate studies in CS or a related field.

RVCC	KSC
AS Computer Technology – Networking option	KSC Major Requirements
	Core Courses
	MATH 135 Mathematical Foundations for CS
CPTC 185 Introduction to Java AND CPTC 223 Advanced Programming Seminar	CS 140 Computer programming I
	Select one of the following:
CPTC 103 Web Site Design	<ul style="list-style-type: none"> CS 150 Web Page Construction
CPTC 101 PC Assembly/Soft Skills	<ul style="list-style-type: none"> CS 160 Microcomputer Systems
	CS 185 Computer Programming II
	CS 280 Data Structures and Algorithms
	Architecture and Programming Electives
	Choose one of the following:
	<ul style="list-style-type: none"> CS 210 Midrange Systems
CPTC 203 Introduction to Unix	<ul style="list-style-type: none"> CS 215 Unix System Admin
	<ul style="list-style-type: none"> CS 265 Computer Architecture
	<ul style="list-style-type: none"> CS 367 Command Language Programming
	Choose one of the following:
CPTC 125 Application Programming	<ul style="list-style-type: none"> CS 205 User Interface and Visual Programming
	<ul style="list-style-type: none"> CS 220 COBOL Programming
CPTC 175 Introduction to C++	<ul style="list-style-type: none"> CS 225 C++ Programming
	<ul style="list-style-type: none"> CS 230 RPG Programming
	<ul style="list-style-type: none"> CS 310 Assembly Language
	Advanced Electives
	Six upper-level courses (300/400 level) with a minimum of three being at 400 level. Current courses that satisfy this are:
	CS 310 Assembly Language
	CS 320 Operating Systems Design
CPTC 217 Web Database Programming	CS 340 Internet Programming
	CS 350 Systems Analysis and Project Management
CPTC109 and CPTC110	CS 355 Telecom and Computer Networks
	CS 360 Database Systems
	CS 367 Command Language Programming
	CS 375 Software Engineering
	CS 410 Advanced Software Development
	CS 420 E-Commerce Development

	CS 430 Study of Programming Languages
	CS 440 Software Engineering Project
	CS 460 Data Warehousing and Mining
	CS 462 DBS Project and Advanced SQL
	CS 485 Strategic Information Management
	CS 490 Advanced Special topics
	CS 495 Seminar
	CS 498 Independent Study
	Practical Experience
	Choose one:
	<ul style="list-style-type: none"> • CS 293 Supervised Field Experience • CS 493 Advanced Supervised Field Experience

APPENDIX B

AS Computer Technology – Web Design Option to BS Applied Computer Science

AS Computer Technology – Website Design Option	http://www.rivervalley.edu/program_C_SCI.html	BS Applied Computer Science
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The Bachelor of Science in Applied Computer Science provides students with a thorough grounding in computer programming and information science and an introduction to the various branches of computer science. The primary focus is to prepare students to successfully operate as information science (IS) or information technology (IT) professionals, and/or pursue graduate studies in CS or a related field.

RVCC	KSC
AS Computer Technology – Networking option	KSC Major Requirements
	Core Courses
	MATH 135 Mathematical Foundations for CS
CPTC 185 Introduction to Java AND CPTC 223 Advanced Programming Seminar	CS 140 Computer programming I
	Select one of the following:
CPTC 103 Web Site Design	<ul style="list-style-type: none"> • CS 150 Web Page Construction
CPTC 101 PC Assembly/Soft Skills	<ul style="list-style-type: none"> • CS 160 Microcomputer Systems
	CS 185 Computer Programming II
	CS 280 Data Structures and Algorithms
	Architecture and Programming Electives
	Choose one of the following:
	<ul style="list-style-type: none"> • CS 210 Midrange Systems
CPTC 203 Introduction to Unix	<ul style="list-style-type: none"> • CS 215 Unix System Admin • CS 265 Computer Architecture
	<ul style="list-style-type: none"> • CS 367 Command Language Programming
	Choose one of the following:
CPTC 125 Application Programming	<ul style="list-style-type: none"> • CS 205 User Interface and Visual Programming
	<ul style="list-style-type: none"> • CS 220 COBOL Programming
CPTC 175 Introduction to C++	<ul style="list-style-type: none"> • CS 225 C++ Programming
	<ul style="list-style-type: none"> • CS 230 RPG Programming

	<ul style="list-style-type: none"> CS 310 Assembly Language
	Advanced Electives
	Six upper-level courses (300/400 level) with a minimum of three being at 400 level. Current courses that satisfy this are:
	CS 310 Assembly Language
	CS 320 Operating Systems Design
CPTC 217 Web Database Programming	CS 340 Internet Programming
	CS 350 Systems Analysis and Project Management
CPTC109 and CPTC110	CS 355 Telecom and Computer Networks
	CS 360 Database Systems
	CS 367 Command Language Programming
	CS 375 Software Engineering
	CS 410 Advanced Software Development
	CS 420 E-Commerce Development
	CS 430 Study of Programming Languages
	CS 440 Software Engineering Project
	CS 460 Data Warehousing and Mining
	CS 462 DBS Project and Advanced SQL
	CS 485 Strategic Information Management
	CS 490 Advanced Special topics
	CS 495 Seminar
	CS 498 Independent Study
	Practical Experience
	Choose one:
	<ul style="list-style-type: none"> CS 293 Supervised Field Experience CS 493 Advanced Supervised Field Experience

****updated July 2018****

APPENDIX C

AS Early Childhood Education to BS Education: Early Childhood

AS Early Childhood Education http://www.rivervalley.edu/academics/academic-programs/early-childhood-education/early-childhood-education-1	BS Education: Early Childhood Development http://www.keene.edu/catalog/programs/detail/education-bs/#P6
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Early Childhood Dept Head: Kerry Belknap Morris

KSC Education Department, Chair: Dr. Ellen Nuffer

KSC Early Childhood Development Option, Coordinator: Dr. Nancy Peck

Students will gain a multidisciplinary understanding of early childhood development and will select a specialization in either Birth to Age 5 or Birth to Grade 3. The program integrates theory and practice with children and families in inclusive settings from infancy through third grade and provides pre-professional field experiences.

Criteria for Continued Progress in the Major

Students may officially declare a Major in Education at any time. However, continued progress through the Major and its options depends on meeting course prerequisites as well as the Educator Preparation Program Decision Points.

(see <http://www.keene.edu/academics/departments/teachered/students/decision-points/>)

Students will be given support with program planning throughout their time at KSC, and are encouraged to work with their faculty advisors regularly to review how they are meeting progress and eligibility requirements.

Fees

Additional expenses associated within options within the education program include the following:

- Students seeking state certification are responsible for taking state required standardized tests and completing the certification application.
- Travel to field placement sites is required for both specializations. Some placements are beyond walking distance from campus and students are responsible for their own transportation.
- Students are responsible for expenses associated with required criminal history record information (fingerprinting) and background checks for field placement sites.
- Students are responsible to pay fees associated with the application to Educator Preparation and once admitted, for a Tk20 account. Tk20 is a program used for data management for accreditation purposes.

Degree Requirements:

*Students must select an **academic minor**, other than the Early Childhood minor, to complement their Early Childhood Development Option. This link shows the minor programs currently offered – look for entries with (minor) after the title and PROGRAM as the red button to the right.*

<http://www.keene.edu/catalog/search/?query=minor&page=1>

MINORS: Arts, Culture and Education
American Studies
Art History
Art Studio
Communication
Dance
English
Film Studies
French
German
History
Holocaust and Genocide Studies
Journalism: Broadcast Media
Journalism: Print Media
Medieval and Early Modern Studies
Multimedia Journalism
Music
Philosophy
Spanish
Theatre
Writing
Women's and Gender Studies

MINOR: Mason Library
Information Studies

MINORS: Sciences, Health and Sustainability
Anthropology
Addictions
Biology
Chemistry
Computer Science
Criminal Justice Studies
Economics
Environmental Studies
Geography
Geology
International Studies
Management
Mathematics
Physics
Political Science
Psychology
Social
Research Methods
Sociology
Statistics
Safety and Occupational Health Applied
Sciences
Sustainable Product Design and Innovation

*Students must also complete all **Integrative Studies Requirements** and meet program standards for continued progress (2.75 GPA). The program, known as "ISP" requires 10 courses/40 credits, as follows:*

I. Foundations (8 credits)

- Thinking and Writing (ITW) (4 credits)
- Quantitative Literacy (IQL) (4 credits)

II. Three courses in the Arts and Humanities (12 credits)

-Courses must be taken in three different disciplines.

- 1 course in the Humanities (IH)
- 1 course in the Fine and Performing Arts (IA)
- 1 course in either the Humanities or the Fine and Performing Arts (IH or IA)

III. Three courses in the Sciences (12 credits)

-Courses must be taken in three different disciplines.

- 1 course in the Natural Sciences (IN)
- 1 course in the Social Sciences (IS)
- 1 course in either the Natural or Social Sciences (IN or IS)

IV. One course in Interdisciplinary Studies (4 credits) (II)

V. One course in the Arts, Humanities, Social Sciences, Natural Sciences or Interdisciplinary area. Do not repeat a discipline from category II or III.

VI. **A minimum of two upper level (300 or 400) ISP courses must be completed.** Students may enroll in upper level courses once they have completed a minimum of 24 credits of lower level ISP courses, including ITW and IQL. These courses should be used to complete the 10 different categories outlined above.

Option Requirements:

32 credits

[EDUC 111](#) Issues in Early Childhood

[EDSP 202](#) Development, Exceptionality, and Learning

[EDUC 211](#) Infants, Toddlers, & Families

[EDUC 314](#) EC Practicum 1: Curriculum (8 credits)

[EDUC 315](#) EC Practicum 2: Observation, Assessment, & Intervention (8 credits)

[EDUC 412](#) Administration & Leadership

Select Specialization 1 or 2

Specialization 1: Birth to Age Five/Early Intervention (Leads to NH Early Childhood Credential)

12 credits

This specialization provides students with experiences with children from Birth through Age 5 in inclusive early childhood environments. Students will gain knowledge and experience with diverse learners, child development, family involvement, curriculum and assessment, and leadership. Successful completion of this specialization will lead to recommendation for the NH Early Childhood Credential.

[EDUC 414](#) EC Classroom Teaching (B-5) (12 credits)

Specialization 2: Birth to Grade 3 (Leads to NH Teacher Certification Birth to Grade 3)

20 credits

This specialization provides students with experiences with children from Birth to Grade 3. It prepares students for employment in both early care environments (B-5) and public education (K-3) and fulfills requirements for Birth to Age Eight teacher certification. Candidates completing this option will be eligible to pursue Special Education Teacher Certification at Keene State College through the Master’s Program.

[MATH 171](#) Structure of Number Systems

[EDUC 205](#) Literacy in Diverse Classrooms

[EDUC 415](#) EC Practicum 3: K-3 (6 credits)

[EDUC 416](#) K-3 Student Teaching (6 credits)

Specific CC major requirements	KSC EC major requirements
ECE 101 Foundations of ECE	EDUC 111 Issues in Early Childhood
NO EQUIVALENT	MATH 171
ECE 102 and EC 105	EDSP 202 Dev, except, learning
ECE 200 Infant/toddler	EDUC 211 Infant, toddler, families
NO EQUIVALENT	EDUC 205 Literacy
ECE 103 Health/Safety/Nutrition	EDUC 314 Practicum I

ECE 104 Curriculum ECE 190/191 Practicum/work ECE 203 Lang/literacy ECE 290/291 Practicum/work	*based on candidate having a B average in ECE courses and presentation of portfolio documents to EC program coordinator*
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Specific Institution General Education	KSC ISP program
ENGL 102 College Comp	ITW
MTHC 106	QL: MATH141
	IA
ENGL 286 Children's Lit	IHENG 286 Children's Lit
Humanities	IH/IA
Science elective	IN
Intro Psych	IS
	IN/IS
NO EQUIVALENT	II
	ISP elective
NO EQUIVALENT	2 upper level – II plus one more

2 General education electives – plan to meet IA or IN/IS requirements

Tentative schedule for completion (assuming 2 ISP + upper EC courses remain):

Fall (16 credits) – establish 2.75 or higher GPA, complete testing if Birth-8 option

- Math 171 (if needed)/or QL requirement
- EDUC 205
- Minor
- ISP upper level (or minor)

Spring (16 credits) – maintain 2.75 or higher GPA

- EDUC 211 – if needed
- EDUC 315 (8 credits) – with permission of instructor
- Minor

Fall (16 credits) – maintain 2.75 or higher GPA

- Minor (or ISP upper level)
- Minor upper level
- Minor upper level
- II upper level

Spring (16 credits) – maintain 2.75 or higher GPA

- EDUC 412
- EDUC 414 or EDUC 415/416

To earn required 40 upper level credits:

- EDUC 315 – 8 credits
- EDUC 412 and 414 or 415/416 – 16 credits
- II upper level – 4 credits
- ISP upper level – 4 credits
- 2 courses in Minor at upper level – 8 credits

Agreement for full AS into BS articulation:

- B or better in ECE core courses
- Recommendation from Department Chair
- C or better in Gen Ed courses
- Portfolio review by Program Coordinator for knowledge of curriculum, child development, and ethics

APPENDIX D

AA Teacher Education to BS Education: Elementary

AA Teacher Education	http://www.rivervalley.edu/program_TEC.html	BS Education: Elementary Education
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Education Dept Head: Susan Parry 603-542-7744 x5415 sparry@ccsnh.edu

Education majors must also fulfill requirements of a liberal arts major. Students seeking certification in Elementary Education are required to complete a liberal arts major in **one** of the following areas:

- American Studies
- Applied Computer Science
- Art (portfolio requirement)
- Biology
- Chemistry
- Chemistry-Physics
- Communication
- Computer-Mathematics
- Economics
- English
- Environmental Studies
- Film Studies
- French
- General Science
- Geography
- Geology
- History
- Holocaust and Genocide Studies
- Individualized Major
- Journalism
- Mathematics
- Mathematics-Physics
- Music (audition required)
- Psychology
- Social Science
- Sociology
- Spanish
- Theatre and Dance

Elementary Education option: 48 credits, plus liberal arts major

RVCC	KSC
TEC 101 Foundations of Education	EDUC 100 Issues in Education
	EDUC 200 Social Contexts of Education
Either PSYC 114 Human Development OR EDUC 102 Growth and Development of the Young Child AND EDUC 105 Children with Special Needs and Their Families	EDSP 202 Development, Exceptionality, and Learning
	MATH 171 Structure of Number Systems
	MATH 172 Application of Number Systems
	EDUC 321 Elementary Methods I: Integrating Literacy, Social Studies and the Arts
	EDUC 322 Elementary Methods II: Integrating Math, Science and Literacy
	EDSP 250 Context for Special Education
	EDSP 350 Curriculum Design for Students with Special Needs
	EDSP 352 Behavior and Social Supports
	EDSP 354 Assessment in Special Education
	EDSP 356 Practicum and Methods in Special Education
	EDUC 405 Student Teaching (Elementary)

	EDUC 420 Student Teaching Seminar
	EDSP 405 Student Teaching
	EDSP 450 SPED Student Teaching Seminar

APPENDIX E

AS Business Management to BS Management

AS Business Management	http://www.rivervalley.edu/businessmanagement.html	BS Management
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This career-oriented program, emphasizing management skills and building on a solid foundation in the liberal arts and sciences, is designed to prepare individuals for management careers in industrial or public organizations and for graduate work.

RVCC	KSC
AS Business Management	KSC Major Requirements
BUSC 110 Principles of Management	MGT 101 Introduction to Management
BUSC 105 Business Math	MGT 202 Quantitative Decision Making
ACCC 101 Accounting I AND ACCC 102 Accounting II OR ACC 203 Accounting III	MGT 213 Financial Accounting Or MGT 215 Accounting for Sustainable Management
ACCC 215 Cost Accounting	MGT 214 Managerial Accounting
	MGT 301 Organizational Theory and Behavior
	MGT 319 Financial Management
BUSC 104 Principles of Marketing	MGT 331 Principles of Marketing <i>**Credits will be applied to the degree, but in addition students must complete MGT 434 Marketing Research OR MGT 333 Advertising & Promotion</i>
	MGT 381 Management Information Systems
	MGT 451 Social, Legal, and Political Environment of Business
	MGT 491 Business Policy and Strategy
	MGT electives (4 credits at 300 or 400 level)
	Allied Discipline Requirements
	IH COMM 171 Public Speaking
BCPC 101 Introduction to Computer Applications	CS 101 Introduction to Computer Information Processing
ECOC 102 Macroeconomics	ISECON 104 Introduction to Macroeconomics
	ECON 103 Introduction to Microeconomics

APPENDIX F - General Education and Integrative Studies Program Equivalencies

River Valley Community College – NHTC Claremont General Education Core

All Associate Degrees have a General Education core. That core draws not from specific occupational or professional objectives but from thought processes of the mathematician, the scientist, the writer, the humanist, and the social scientist. Grappling with universal questions, students learn how the past developed answers and how past answers become foundations for dealing with questions in the present and future. The General Education core consists of courses that are drawn from English, mathematics, the sciences, the social sciences, and the humanities/fine arts/world languages disciplines. They are essential elements in the achievement of identified College outcomes and together create a coherent general education design.

Total credits in General Education core area = **24-25 credits**

KSC ISP

Requirements – 40 credits (11 Courses), with a minimum of eight credits (2 courses) at the 300 and/or 400 level.

Students may have limitations as to how to apply credits toward ISP depending on their chosen major.

All KSC students completing majors in the School of Arts and Humanities must complete one semester of a language other than English

RVCC General Education	KSC ISP
English Composition ENG 102 or ENG 201	ITW 101
Mathematics MTHC106	IQL 101
Fine Arts ENG 206	IA (minimum 4 credits [one course], maximum 8 credits [2 courses] to meet ISP requirements)
Literature, Humanities/ /World Language Any ENG except 200 Any HUMC except 245, 250 LNGC 105, 106	IH (minimum 8 credits [2 courses] maximum 12credits [3 courses] to meet ISP requirements , in two different disciplines)
Science Any SCIC except 161, 162	IN (minimum 8 credits [2 courses] to meet ISP requirements in two different disciplines)
Social Science Any ECOC, GEOC, POLC, PSYC, SOCC	IS (minimum 8 credits [2 courses] to meet ISP requirements in two different disciplines)
HUMC 140, SCIC 105	II (minimum 4 credits [1 course] to meet ISP requirements)

APPENDIX G

BA American Studies

The American Studies program offers students an interdisciplinary liberal arts education. Students in American Studies engage in a challenging exploration of historical and contemporary American culture and the American multicultural identity, including its past and present values, conflicts, and experiences. American Studies prepares students for career opportunities in elementary and secondary education; graduate school; law school; business; work in libraries, museums, and historic preservation; newspaper, magazine, broadcast journalism; film or media work; work in federal, state, and local agencies, both public and private; government and politics; nonprofit organizations; writing, editing, and publishing; international relations and diplomacy; public relations and advertising; and social services.

→Language Requirement: Each student must demonstrate proficiency in a language other than English

RVCC	KSC
	KSC Major Requirements
	Core Courses
	IIAMST 210 Introduction to American Studies
	IIAMST 250 Interpreting American Cultures
	AMST 350 Perspectives on American Culture
	AMST 495 Seminar
	Select one of the following:
	<ul style="list-style-type: none"> • AMST 390 Critical Approaches • AMST 490 Advanced Special Topics
	Area Courses
	Select two courses from American History:
HUMC 142 Topics in United States History to 1877	<ul style="list-style-type: none"> • HIST 261 US Social History I: 1603-1865 • HIST 265 Military in US Society I • HIST 266 Military in US Society II • HIST 360 American Colonies until 1763 • HIST 361 The American Revolution • HIST 362 Early American Republic 1789-1850 • HIST 363 US in the Civil War Period: 1850-1876 • HIST 364 19th Century America • HIST 365 Gilded Age and Progressive Era America • HIST 366 US in Crisis: 1920-1950 • HIST 367 Modern America: 1950-Present
	Select one course in American literature:
HUMC 245 Native People: An Ethnohistorical Perspective	<ul style="list-style-type: none"> • ENG 280 Cultural Studies

ENGC 240 American Literature to 1877	<ul style="list-style-type: none"> • ENG 341 Early American Literature
	<ul style="list-style-type: none"> • ENG 344 Studies in American Literature
	<ul style="list-style-type: none"> • ENG 345 Studies in African-American Literature
	<ul style="list-style-type: none"> • ENG 346 Transcendentalism
	<ul style="list-style-type: none"> • ENG 347 Modern American Indian Literature
	<ul style="list-style-type: none"> • ENG 370 Studies in Literature of the Americas
	Select two courses from Arts & Humanities and/or Social Sciences
	<ul style="list-style-type: none"> • ART 214 Modern Art
	<ul style="list-style-type: none"> • IHAMST 248 Cultures of Plains Indians
	<ul style="list-style-type: none"> • ECON 455 US Economic History
ENGC 240 American Literature to 1877	<ul style="list-style-type: none"> • IHENG 240 Readings in American Literature
	<ul style="list-style-type: none"> • IIENG 245 African American Literature and Culture
	<ul style="list-style-type: none"> • IIFR 240 Franco-American Women's Voices
	<ul style="list-style-type: none"> • IAMU 112 Latin American Music
	<ul style="list-style-type: none"> • IAMU 216 History of Rock and Roll
	<ul style="list-style-type: none"> • MU 218 History of Jazz
	<ul style="list-style-type: none"> • IAMU 242 Listening to America
	<ul style="list-style-type: none"> • PHIL 304 American Philosophy
POLC 102 Survey of American Government	<ul style="list-style-type: none"> • ISPOSC 210 US Politics
	<ul style="list-style-type: none"> • ISPOSC 211 US: State and Local Politics
	<ul style="list-style-type: none"> • POSC 316 Constitutional Law
	<ul style="list-style-type: none"> • POSC 321 Foreign Policy and Globalization
CRJC 101 Introduction to Criminal Justice	<ul style="list-style-type: none"> • CJS 101 Introduction to Criminal Justice
	<ul style="list-style-type: none"> • SOC 345 Sociology of Families
SOCC 201 Contemporary Social Problems	<ul style="list-style-type: none"> • SOC 270 Urban Society
	<ul style="list-style-type: none"> • SOC 472 Sociology of Health and Medicine
	<ul style="list-style-type: none"> • SOC 475 Social Stratification
	<ul style="list-style-type: none"> • SP 330 Latinos in the United States

BA Economics

The B.A. in Economics combines rigorous training in economic theory with application to contemporary issues such as globalization, financial market volatility, and the environment. The Economics program is a tight-knit community, and majors and minors can expect to work closely with faculty and with each other. The economic honors society, Omicron Delta Epsilon, organizes field trips to conferences and brings in visiting speakers and alumni. Recent graduates have gone on to careers in business and government, to law school, and to graduate programs in economics and politics, as well as M.B.A. programs.

RVCC	KSC
	KSC Major Requirements
	Core Courses

	IHPHIL 100 Logical Argumentation
	Select one of the following:
MTHC 106 Statistics I	MATH 141 Introductory Statistics
	PSYC 251 Psychological Statistics
	ECON 103 Introduction to Microeconomics
	ISECON 104 Introduction to Macroeconomics
	ISECON 360 History of Economic Thought
	ECON 203 Intermediate Microeconomics
	ECON 204 Intermediate Macroeconomics
	ECON 491 Economic Research Project
	Economics Electives
	12 credits of 300- or 400-level Economics courses

BA English: Writing option

Students in the writing option also read a great deal of literature and study literary method, but focus their coursework on the writing of poetry, fiction, and creative nonfiction. Students may not pursue both the Writing option and the Writing minor. English/Secondary Education majors may not choose the Writing option.

LANGUAGE REQUIREMENT: Each student must demonstrate proficiency in a language other than English as specified by the Language Requirement for Students with Majors in the School of Arts and Humanities.

RVCC	KSC
	Major Requirements
	Complete a minimum of 10 courses
	<ul style="list-style-type: none"> Choose one course from:
ENG 206 Creative Writing	IAENG 204 Creative Writing
	ENG 202 Creative Nonfiction Writing
ENG 236 Fiction Writing Workshop OR ENG 235 Poetry Workshop	ENG 208 Topics in Writing
	<ul style="list-style-type: none"> Also required:
	ENG 215 Literary Analysis
	ENG 315 Literary Form and History
	ENG 402 Theory and Practice
	ENG 405 Writing Portfolio
	Three ENG electives at the 300 or 400 level, including one pre-1800 literature and one Differing Cultural Perspectives course.
	<ul style="list-style-type: none"> Choose two additional writing courses at the 300 or 400 level (other than ENG 405)
	ENG 301 Fiction Workshop
	ENG 302 Poetry Workshop
	ENG 303 Nonfiction Workshop
	ENG 306 Autobiography Workshop
	ENG 308 Advanced Topics in Writing
	ENG 497 Writing/Publishing Workshop
	Courses that meet the pre1800 requirement:

	<ul style="list-style-type: none"> ENG 321 English Literature: Beginnings to 18th Century
	<ul style="list-style-type: none"> ENG 323 Medieval Literature
	<ul style="list-style-type: none"> ENG 324 Chaucer
	<ul style="list-style-type: none"> ENG 341 Early American Literature
	<ul style="list-style-type: none"> ENG 326 English Renaissance Literature
	<ul style="list-style-type: none"> ENG 327 Shakespeare: Poetry and Plays
	Courses that meet the Differing Cultural Perspectives requirement:
	<ul style="list-style-type: none"> IHAMST 248 Cultures of Northern Plains Indians
	<ul style="list-style-type: none"> IIENG 245 Readings in African American Literature and Culture
	<ul style="list-style-type: none"> IHENG 252 Literature of the Holocaust
	<ul style="list-style-type: none"> ENG 345 Studies in African American Literature
	<ul style="list-style-type: none"> ENG 347 Modern American Indian Literature
	<ul style="list-style-type: none"> ENG 370 Studies in Literatures of the Americas
	When appropriate, the following may fulfill either the pre-1800 literature or Differing Cultural Perspectives requirement:
	<ul style="list-style-type: none"> IHENG 220 Readings in British Literature
ENG 240 American Literature to 1877 <i>Fulfills pre-1800 literature requirement</i>	<ul style="list-style-type: none"> IHENG 240 Readings in American Literature
OR	
ENG 241 American Literature: 1877 to the present	
	<ul style="list-style-type: none"> IHENG 250 Readings in Continental Literature
	<ul style="list-style-type: none"> IHENG 260 Readings in World Literature
ENG 240 American Literature to 1877 <i>Fulfills pre-1800 literature requirement</i>	<ul style="list-style-type: none"> ENG 290 Topics
OR	
ENG 241 American Literature: 1877 to the present	
	<ul style="list-style-type: none"> ENG 330 Studies in British Literature
	<ul style="list-style-type: none"> ENG 344 Studies in American Literature
	<ul style="list-style-type: none"> ENG 350 Studies in Continental Literature
	<ul style="list-style-type: none"> ENG 360 Studies in World Literature
	<ul style="list-style-type: none"> ENG 370 Studies in Literature of the Americas
	<ul style="list-style-type: none"> ENG 381 Women Writers
	<ul style="list-style-type: none"> ENG 390 Studies
	<ul style="list-style-type: none"> ENG 395 Advanced Sequence I
	<ul style="list-style-type: none"> ENG 490 Advanced Studies
	<ul style="list-style-type: none"> ENG 495 Advanced Sequence II

BA General Science

The B.A. in General Science provides a broad-based foundation in three major areas: Earth/Space Science, Life Science, and Physical Science. This major would provide general science knowledge for working in science museums, zoos, science camps, or state or national parks.

RVCC	KSC
	Major Requirements
SCIC 115 Astronomy	INASTR 101 Introduction to Astronomy
	BIO 110 Molecules and Cells
	BIO 111 Evolution
	INGEOL 151 Physical Geology
	GEOL 206 Oceanography
	INMET 225 Meteorology
	Select one course:
MHTC 110 Algebra and Trigonometry MTHC 120 Precalculus MTHC 210 Calculus I	<ul style="list-style-type: none"> • MATH 120 Applied Algebra and Trigonometry • MATH 130 Precalculus • MATH 151 Calculus I
	Bachelor of Arts Requirements
MTHC 106 Statistics I	MATH 141 Introductory Statistics
	BIO 210 Ecology
SCIC 140 Chemistry I	INCHEM 111 General Chemistry I
SCIC 141 Chemistry II	CHEM 112 General Chemistry II
	CHEM 221 Organic Chemistry I
	CHEM 222 Organic Chemistry II
	GEOL 252 Evolution of the Earth
SCIC 130 Physics I	INPHYS 141 College Physics I
SCIC 131 Physics II	PHYS 142 College Physics II
	In addition to the above, complete a specialization (three or more courses at 300 level or higher) in one of the following areas: Biology, Chemistry, Environmental Studies, or Geology

BA General Science: Education

The B.A. in General Science provides a broad-based foundation in three major areas: Earth/Space Science, Life Science, and Physical Science. It is an ideal major for the pre-service elementary or middle school teacher as it addresses national recommendations for improving science education with an activity and hands-on focus. The middle school option meets N.H. state certification requirements for grades 5-9

Students must fulfill the “major requirements” below while also selecting either educational level option also found below. In addition, degree requirements must be met for the Education major (as listed in the college catalog under “Education”) at the chosen level (see following breakdown of hours)

BA in General Science: Education – dual major

- *Elementary: 48 hours Gen Sci major, 48 hours elementary education courses*

- Middle School: 60 hours Gen Sci major, 34 hours education courses

RVCC	KSC
	Major Requirements
SCIC 115 Astronomy	INASTR 101 Introduction to Astronomy
	BIO 110 Molecules and Cells
	BIO 111 Evolution
	INGEOL 151 Physical Geology
	GEOL 206 Oceanography
	INMET 225 Meteorology
	Select one course:
MHTC 110 Algebra and Trigonometry MTHC 120 Precalculus MTHC 210 Calculus I	MATH 120 Applied Algebra and Trigonometry MATH 130 Precalculus MATH 151 Calculus I
	Elementary or Early Childhood Option
	INCHEM 103 Fundamentals of Chemistry
	INPHYS 201 Phenomenal Science
	GM 301 The Web of Science
	Also select two additional science courses at the 200 level or higher in either the same or different areas: Biology, Chemistry, Environmental Studies, and/or Geology
	Middle School Option
SCIC 140 Chemistry I	INCHEM 111 General Chemistry I
SCIC 141 Chemistry I	CHEM 112 General Chemistry II
	BIO 210 Ecology
MTHC 106 Statistics I	MATH 141 Introductory Statistics
	INPHYS 201 Phenomenal Science
	IIPHYS 210 History of Science
	Also complete a specialization (two or more additional courses at the 200 level or higher) in one of the following areas: Biology, Chemistry, Environmental Studies, or Geology.

BA Sociology

The Sociology program offers students knowledge and resources to search systematically for answers to questions about society. Sociology students develop a sociological imagination, which is the ability to grasp the close relationship between personal experiences and the larger social world. Our majors study social and cultural forces that shape individual and group behavior using a variety of scientific methods such as surveys, interviews, observation, and content analysis. By studying and critically assessing sociological theories, sociology students also describe, interpret, and explain how the world works.

Core courses provide excellent training in sociological concepts, theories, and methods. Electives focus on topics like the environment, popular culture, families, inequalities, race and ethnicity, crime and deviance, anthropology, and global society. Sociology majors may also engage in community research, service-learning projects, internships, and travel through coursework. Students with a bachelor's degree in sociology are well prepared for graduate and professional studies and careers using their interpersonal skills and specialized knowledge in the areas of education, social services, human rights, health and wellness, justice, advocacy, and research.

To earn a degree in Sociology, the student must earn a grade C or better in the following core courses: SOC 201, SOC 301, SOC 303, and SOC 305. Courses may be retaken as needed to meet this requirement.

RVCC	KSC
	Core Courses
SOCC 101 Introduction to Sociology	SOC 201 Introduction to Sociology Major
	SOC 301 Sociological Research Methods
	SOC 303 Sociological Quantitative Analysis
	SOC 305 Sociological Theory
	KSC Major Requirements
	Select one of the following:
SOCC 110 Cultural Anthropology	ISANTH 110 Cultural Anthropology
	ISANTH 111 Archeology and Physical Anthropology
	Select one of the following:
	HGS 427/SOC 427 Sociological Topics in Genocide
	SOC 450 Mind, Self, and Society
	SOC 455 The Body and Sexuality in Society
	SOC 461 White-Collar Crime
	SOC 472 Sociology of Health and Medicine
	SOC 475 Social Stratification
	SOC 480 Political Sociology
	SOC 485 Science and Society
	SOC 490 Advanced Topics in Sociology
	Sociology Electives
SOCC 201 Contemporary Social Problems	12 credits in sociology electives must be taken. Four credit hours of Anthropology courses can be used to satisfy this requirement <i>SOCC 201 is equivalent to IS-SOC 310, but in addition student must complete two upper-level (300 or 400) ISP courses at Keene State</i>

BS Chemistry

The B.S. in Chemistry should serve as a general preparation for a professional scientist. The major was designed according to guidelines from the American Chemical Society (ACS) to be rigorous, yet flexible enough to allow for preparation for immediate employment, graduate study, or work in an allied profession.

RVCC	KSC
	Integrative Studies Requirements
SCIC 140 Chemistry I	INCHEM 111 General Chemistry I
SCIC 141 Chemistry II	CHEM 112 General Chemistry II
	CHEM 221 Organic Chemistry I
	CHEM 222 Organic Chemistry II
	CHEM 251 Quantitative Analysis
	CHEM 341 Physical Chemistry I
	CHEM 342 Physical Chemistry II
	CHEM 363 Inorganic Chemistry
	CHEM 375 Biochemistry
	CHEM 421 Advanced Synthetic Chemistry

	CHEM 454 Instrumental Analysis
	<ul style="list-style-type: none"> Select from one of the following:
	CHEM 321 Organic Chemistry III
	CHEM 333 Medicinal Chemistry
	CHEM 373 Polymer Chemistry
	Related Field
MTHC 106 Statistics I	MATH 141 Introductory Statistics
MTHC 210 Calculus I	MATH 151 Calculus I
MTHC 211 Calculus II	MATH 152 Calculus II
	<ul style="list-style-type: none"> Select one PAIR from the following:
SCIC 130 Physics I AND SCIC 131 Physics II	INPHYS 141 College Physics I and PHYS 142 College Physics II
	INPHYS 241 University Physics I and PHYS 242 University Physics II
SCIC 101 Biology: Chemical and Cellular Basis of Life AND SCIC 102 Biology: Adaptation, Evolution, and Ecosystems	BIO 110 Molecules and Cells

BS Education: Secondary Education Option

Building on the historical legacy of teacher preparation at Keene State College, the Education program mission is to prepare competent, reflective classroom teachers and other professional school personnel who utilize effective teaching practices and who create developmentally appropriate educational environments for diverse learners. Keene State College has been an NCATE accredited institution since 1954.

Transfer Credits - Students who wish to transfer credits into a teacher certification option must apply through the department chair. ** The PRAXIS must be passed prior to acceptance to KSC Education program.

Liberal Arts Major - The New Hampshire State Department of Education requires students completing Education majors to also demonstrate depth of knowledge in a content area. Therefore, Education majors must also fulfill requirements of a liberal arts major.

Students seeking certification in **Middle or Secondary Education** are required to complete a liberal arts major in **one** of the following areas:

- | | |
|---|---|
| <ul style="list-style-type: none"> Biology Chemistry Chemistry – Physics Earth/Space Science English General Science Geography | <ul style="list-style-type: none"> Geology History Mathematics Modern Languages (French or Spanish) Physical Science Social Science |
|---|---|

It is **STRONGLY** recommended that a transfer student complete a number of these courses in their selected liberal arts major prior to transfer to ensure course sequencing and to enter KSC with a solid foundation.

RVCC	KSC
TEC 101	EDUC 100 Issues in Education
	EDUC 231 Curriculum for a Diverse World
	EDUC 331 Secondary Methods I

	EDUC 332 Secondary Classroom Management
	EDSP 333 Secondary Special Education Issues
	EDUC 431 Secondary Methods
	EDUC 432 Education Theories/Trends
	EDUC 400 Student Teaching

BS Health Science: Health Promotion/Wellness

Health Promotion and Wellness option graduates work to change policies, environments, attitudes, and behaviors that affect health. The Community Health specialization prepares students for professional careers in community health education, global health, or for graduate programs in public health or health education. The Behavior and Health Specialization prepares students for such graduate programs as Health Psychology, Pain Management, or Behavioral Health.

By the fall 2012 semester, INHLSC 175 will replace all the following courses:

- HLSC 115 Nutrition and Well-Being
- HLSC 125 Nutrition and the Profession
- HLSC 214 Nutrition Fundamentals

RVCC	KSC
	KSC Major Requirements
	Core Courses
	HLSC 101 Health and Wellness
	HLSC 285 Health in Society
	HLSC 380 Addiction: Theory, Research, and Practice
	HLSC 385 Behavior Change Facilitation
	HLSC 485 Health Promotion Practice
	Select one of the following:
	• HLSC 494 Health Science Capstone
	• HLSC 495 seminar: Health Science Research
	Health Promotion and Wellness Option
	<i>The Health Promotion and Wellness option offers two specializations: Community Health and Behavior and Health. Students select one of the specializations and complete option requirements and specialization requirements.</i>
	Health Promotion and Wellness Requirements
SCIC 162 Nutrition: The Science of Sustenance	HLSC 214 Nutrition Fundamentals
	HLSC 365 Exercise Science and Application
	Allied Discipline Requirements
SCIC 201 Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology w/ lab
SCIC 202 Anatomy & Physiology II	BIO 232 Human Anatomy & Physiology w/ lab
SCIC 140 Chemistry I	INCHEM 100 Introduction to Chemistry
	IHCOMM 171 Public Speaking
PSYC 101 Introduction to Psychology	PSYCH 101 General Psychology
	Community Health Specialization Requirements

	HSLC 305 Epidemiology in Health Science
	Select one:
MTHC 106 Statistics I	MATH 141 Introductory Statistics
MTHC 217 Probability & Statistics	MATH 142 Applied Statistics
	Behavior and Health Specialization Requirements
	Select one:
	HLSC 318 Nutrition throughout Lifespan
	PSYC 311 Child and Adolescent Psychology
	PSYC 314 Adulthood and Aging
	HLSC 330 Health Psychology
PSYC 211 Social Psychology	PSYC 221 Social Psychology
	PSYC 242 Personality
	PSYC 253 Brain and Behavior
PSYC 210 Abnormal Psychology	PSYC 345 Abnormal Psychology

BS Health Science: Nutrition

As an option under the BS in Health Science, this nutrition option provides the basic academic preparation necessary to become a registered dietitian (RD). Certification as an RD is often mandatory for professional positions and requires completion of an approved postgraduate supervised practice program.

Typically, a student who successfully completes the ADA-approved curriculum, an ADA-accredited internship or pre-professional practice program, and the registration examination becomes qualified as a health professional responsible for services in areas such as nutrition service-related management, clinical or community dietetics, education, consultation, private practice, and research.

By the fall 2012 semester, INHSLC 175 will replace all the following courses:

HLSC 115 Nutrition and Well-Being
 HLSC 125 Nutrition and the Profession
 HLSC 214 Nutrition Fundamentals

RVCC	KSC
	KSC Major Requirements
	Core Courses
	HLSC 101 Health and Wellness
	HLSC 285 Health in Society
	HLSC 380 Addiction: Theory, Research, and Practice
	HLSC 385 Behavior Change Facilitation
	HLSC 485 Health Promotion Practice
	Select one of the following:
	<ul style="list-style-type: none"> HLSC 494 Health Science Capstone HLSC 495 seminar: Health Science Research
	Nutrition Option
	<i>This option provides the basic academic preparation necessary to become a registered dietitian (RD). Students must have an overall GPA of 2.8. After completion of the following courses with an average</i>

	<p><i>of B or higher (3.0), students interested in pursuing the Nutrition option must submit an application for permanent admission to the Health Science Nutrition option:</i></p> <ul style="list-style-type: none"> • HLSC 101 Health and Wellness • HLSC 125 Nutrition and the Profession • INCHEM 103 Fundamentals of Chemistry <p>For transfer students, equivalent transferred courses may be considered if approved by the Admissions Committee.</p>
	Required for admission consideration
	HLSC 101 Health and Wellness
SCIC 162 Nutrition: The Science of Sustenance	HLSC 125 Nutrition and the Profession
	INCHEM 103 Fundamentals of Chemistry
	Nutrition Option requirements
SCIC 162 Nutrition: The Science of Sustenance	HLSC 125 Nutrition and the Profession
	HLSC 215 Nutrition Science and Application
	HLSC 216 Current Topics in Food Culture
	HLSC 310 Food Science
	HLSC 313 Foodservice Management
	HLSC 318 Nutrition Throughout the Lifespan
	HLSC 365 Exercise Science and Application
	HLSC 410 Experimental Foods
	HLSC 415 Nutritional Biochemistry
	HLSC 416 Medical Nutrition Therapy
	HLSC 473 Practicum: Nutrition
	Allied Discipline Requirements
SCIC 201 Human Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology I w/ lab
SCIC 202 Human Anatomy & Physiology II	BIO 232 Human anatomy & Physiology II w/ lab
	BIO 240 Cell and Microbial Biology
SCIC 140 Chemistry I	INCHEM 103 Fundamentals of Chemistry w/ lab
	CHEM 220 Fundamental Organic Chemistry w/ lab
	IHCOMM 171 Public Speaking
PSYC 101 Introduction to Psychology	PSYC 101 General Psychology

BS Health Science: Substance Abuse/Addictions

The Substance Abuse/Addictions option at Keene State College is an academic program with practical training in preparation for further studies in the field or entry-level employment in Substance Abuse/Addictions. The program provides students with a theoretical understanding of substance abuse and addictions and an introduction to counseling, treatment, and related practices.

Depending on the criteria of each state, the work in this Substance Abuse/Addictions program may be applied toward becoming a licensed or certified alcohol and drug abuse counselor or prevention specialist.

By the fall 2012 semester, INHLSC 175 will replace all the following courses:

HLSC 115 Nutrition and Well-Being

HLSC 125 Nutrition and the Profession

HLSC 214 Nutrition Fundamentals

RVCC	KSC
	KSC Major Requirements
	Core Courses
	HLSC 101 Health and Wellness
	HLSC 285 Health in Society
	HLSC 380 Addiction: Theory, Research, and Practice
	HLSC 385 Behavior Change Facilitation
	HLSC 485 Health Promotion Practice
	Select one of the following:
	<ul style="list-style-type: none"> HLSC 494 Health Science Capstone HLSC 495 Seminar: Health Science Research
	Substance Abuse/Addictions Option
	<p>Depending on the criteria of each state, the work in this Substance Abuse/Addictions program may be applied toward becoming a licensed or certified alcohol and drug abuse counselor or prevention specialist.</p> <p>Admission Criteria: Overall GPA of 2.5, major GPA of 2.5, and a grade C or higher in HLSC 101 Health and Wellness is required. For transfer students, equivalent transferred courses may be considered if approved by Health Science faculty.</p>
	Substance Abuse/Addictions Requirements
	HLSC 200 Alcohol and Other Drugs: The Fundamentals
SCIC 162 Nutrition: The Science of Sustenance	HLSC 214 Nutrition Fundamentals
	HLSC 365 Exercise Science and Application
	HLSC 382 Addiction Counseling and Management
	HLSC 386 Chemical Dependency Diagnosis and Treatment
	HLSC 492 Internship in Substance Abuse and Addictions
	Select one of the following:
	<ul style="list-style-type: none"> HLSC 489 Drug Abuse Prevention HLSC Advanced Drug Treatment Methods
	Allied Health Requirements
	IHCOMM 171 Public Speaking
PSYC 101 Introduction to Psychology	PSYC 101 General Psychology
SCIC 201 Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology I w/ lab
SCIC 202 Anatomy & Physiology II	BIO 232 Human Anatomy & Physiology II w/ lab
SCIC 140 Chemistry I	INCHEM 100 Introduction to Chemistry <i>Credits for SCIC 140 will be accepted. This course meets the Chemistry requirement for the major</i>

BS Physical Education: Exercise Science Option

Exercise Science is a multidisciplinary science-based program, which is fast growing and ever changing. It is intended for students who would like to pursue a career in exercise science, sports medicine, or allied health. Exercise Science is an area of study that prepares students for a variety of professions that include competitive sports, community recreation, health and wellness, rehabilitation, and medicine.

Transfer students may be eligible to apply for admission after one semester at KSC, but must have completed INCHEM 100 Introduction to Chemistry or an equivalent course and BIO 230 Human Anatomy and Physiology I or an equivalent course before applying. Criteria for admission are as follows:

- Academic progress: Overall GPA of 2.5, major GPA of 2.5 and a grade of C or higher in the following courses:
 - HLSC 101 Health and Wellness
 - PE 191 Standard First Aid/CPR
 - PE 250 Concepts of Exercise Training
- Professional recommendations: Two recommendations for admission by KSC faculty (minimum one faculty member recommendation from outside of the Physical Education Department)
- Professional orientation: Documentation of progress in professional role modeling, professional writing, and professional experience

Retention standards

- Enrollment in PE 372, PE 472, and PE 492 requires the following standards:
 - Student must receive a C or better in all required Exercise Science option courses
 - Student must maintain a cumulative GPA of 2.5 and a major GPA of 2.5

RVCC	KSC
	Allied Requirements
SCIC 140 Chemistry I	INCHEM 100 OR INCHEM 103 OR INCHEM 111 <i>Credits for SCIC 140 will be accepted. This course meets the Chemistry requirement for the major</i>
SCIC 201 Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology I
SCIC 202 Anatomy & Physiology II	BIO 232 Human Anatomy & Physiology II
PSYC 101 Introduction to Psychology	ISPSYC 100 Topics in Psychology
	Exercise Science Option Requirements
	HLSC 101 Health and Wellness
	PE 191 Standard First Aid/CPR (1 credit)
AHLC 123 Functional Kinesiology	PE 200 Applied Kinesiology
	PE 201 Physiology of Exercise
	PE 250 Concepts of Exercise Training
	PE 232 Exercise Programming and Testing
	PE 335 Advanced Strength and Conditioning
	PE 344 Sports Nutrition
	PE 372 Practicum: Exercise Leadership
	PE 460 Experimental Design and Analysis in PE
	Select one: PE 472 Exercise Science Externship (4-12 cr) PE 492 Exercise Science Seminar
	Specialization requirements

	Complete one of the following areas:
	<ul style="list-style-type: none"> • Health Specialization
	HLSC 285 Health in Society
	Select one:
	HLSC 330 Health Psychology
	IPE 310 Psychosocial Aspects of Sport
	HLSC 431 Stress Management
	<ul style="list-style-type: none"> • Coaching Specialization
	PE 210 Introduction to Coaching
	Select one:
	MGT 260 Sports Management
	IPE 310 Psychosocial Aspects of Sport
	PE 371 Coaching Practicum

BS Sustainable Product Design and innovation

The Sustainable Product Design and Innovation major at Keene State College is a pre-professional four-year program offering a cross-disciplinary curriculum to give the student a solid foundation in the artistic, scientific, and technical aspects of product design and the social and scientific aspects of sustainability concerns. Graduates are prepared to pursue graduate study or transition directly into careers in product design/engineering, technology/evaluation, planning, supply, production, quality control, technical services, marketing, sales, or other related professions.

RVCC	KSC
	<i>SPDI Core Courses</i>
	SPDI 110 Electricity and Electronics Fundamentals
	SPDI 152 Product Design I
MTTC 106 Machine Processes I	SPDI 180 Metal Processes and Prototyping
	SPDI 252 Product Design II
	SPDI 253 Materials: A Life-Cycle View
	SPDI 221 Three-dimensional CADD
	SPDI 352 Product Design III
	<i>Management Core Courses</i>
BUSC 110 Principles of Management	MGT 101 Introduction to Management
MTHC 106 Statistics I	MGT 202 Quantitative Decision-making
	MGT 331 Principles of Marketing---OR--- MMGT 446 Competitive Manufacturing Management
MTTC 102 Blueprint Reading with GD&T (with portfolio review) (without portfolio, use as general elective) MTTC 101 CNC I G&M Code Programming AND MTTC 201 CNC II – CNC Operations, CAM	Choose 4 credits from the following: SPDI 121 Drafting, Sketching, and CADD SPDI 170 Introductions to Woodworking Tech SPDI 270 Woodworking Processes SPDI 280 CAD/CAM: Using MasterCAM
MTTC 105 Introduction to Inspection MTTC 208 CNC Machining Apprentice/Internship MTTC 204 Machining Process II	MGT 451 Social, Legal, and Political Environment of Business SPDI 290 Special Topics SPDI 294 Co-op SPDI 298 Independent Study SPDI 490 Advanced Special Topics SPDI 495 Seminar

	SPDI 498 Independent Study
	<i>Required Allied Discipline Courses</i>
	<i>**8 credits plus 4 credits Integrative Studies</i>
	<ul style="list-style-type: none"> • IA Art 103 Three-dimensional Design
	<ul style="list-style-type: none"> • SAFE 204 Human Factors in Safety
MTTC 104 Machine Tool Math	<ul style="list-style-type: none"> • Select at least one of the following: MATH 120 Applied Algebra and Trig MATH 130 Pre-calculus MATH 151 Calculus
	<i>SPDI Capstone Course</i>
	SPDI 400 Manufacturing Enterprise

SCOPE OF THE AGREEMENT

This agreement and its Appendices, contains the entire Agreement of the parties and cancels and supersedes any previous understanding or Agreement, whether written or oral. All substantial changes or major modifications to this Agreement must be agreed to in writing between the parties.

Use of Agreement in Electronic Form: Both parties agree that they may: (a) convert this Agreement to electronic form, (b) retain it solely in such form, and (c) in the event of any dispute, provide it in such form or a copy from such form. The parties further agree that the Agreement in such form (or a copy), including the application of industry security standards for digital signatures, shall not be denied legal effect, validity, or enforceability due to its form and shall meet any requirement to provide an original.

SIGNATURE SECTION

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their respective signatory officials thereunto duly authorized as of the day and year first above written.

Dr. Anne E. Huot
President, Keene State College

Date

Dr. Ali Rafieymehr
Interim President and VP of Academic Affairs,
River Valley Community College

Date

William Seigh
Provost and Vice President of Academic Affairs
Keene State College

Date

Linda Richelson
Associate Vice President, Academic Affairs
River Valley Community College

Date

** February 2017 signatures reflect the changes to the Early Childhood Education articulation agreement**