

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 (Henry Collier) and supervised by the department chair (Michael O'Connell). 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 (Henry Collier) and supervised by the department chair (Michael O'Connell). 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 (Michael O'Connell) and supervised by the Vice President of Academic Affairs (Andrea Gordon). 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 (Kerry Belknap Morris) and supervised by the Vice President for Academic Affairs (Andrea Gordon). The KSC Baccalaureate in **Education: Early Childhood Development** is administered by the chair of the department (Shirley McLoughlin) 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 (Shirley McLoughlin) 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

| | | |
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| AS Computer Technology – Networking option | http://www.rivervalley.edu/program_CS.html | BS Applied Computer Science |
|--|---|-----------------------------|

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 | • CS 150 Web Page Construction |
| CPTC 101 PC Assembly/Soft Skills | • CS 160 Microcomputer Systems |
| | CS 185 Computer Programming II |
| | CS 280 Data Structures and Algorithms |
| | Architecture and Programming Electives |
| | Choose one of the following: |
| | • CS 210 Midrange Systems |
| CPTC 203 Introduction to Unix | • CS 215 Unix System Admin |
| | • CS 265 Computer Architecture |
| | • CS 367 Command Language Programming |
| | Choose one of the following: |
| CPTC 125 Application Programming | • CS 205 User Interface and Visual Programming |
| | • CS 220 COBOL Programming |
| CPTC 175 Introduction to C++ | • CS 225 C++ Programming |
| | • CS 230 RPG Programming |
| | • 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 |
| | CS 355 Telecom and Computer Networks |
| | CS 360 Database Systems |
| | CS 367 Command Language Programming |
| | CS 375 Software Engineering |

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| | 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 |
|--|---|-----------------------------|

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: |
| CPTC 203 Introduction to Unix | <ul style="list-style-type: none"> • CS 210 Midrange Systems • CS 215 Unix System Admin • CS 265 Computer Architecture • 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 • 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 |
| | 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 |
| | <ul style="list-style-type: none"> CS 493 Advanced Supervised Field Experience |

APPENDIX C

AS Early Childhood Education to BS Education: Early Childhood Development

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| AS Early Childhood Education | http://www.rivervalley.edu/program_ECA.html | BS Education: Early Childhood Development |
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Early Childhood Ed Dept Head: Kerry Belknap Morris 542-7744, extension 5411 kmorris@ccsnh.edu

Students seeking certification in **Early Childhood Development** 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

Early Childhood Development Option: 48 credits, plus liberal arts major

** To be accepted as transfer credit, EDUC 311 requires presentation of portfolio of all work for courses as shown

| RVCC | KSC |
|---|--|
| EDUC 101 Foundations of Early Childhood Education | EDUC 100 Issues in Education |
| | EDUC 200 Social Contexts of Education |
| EDUC 105 Children with Special needs and Their Families AND EDUC 102 Growth and Development of the Young Child | EDSP 202 Development, Exceptionality, And Learning |
| MTHC 112 Mathematical Investigations: Great Ideas in Mathematics | MATH 171 Structure of Number Systems |
| ENG 286 Children's Literature | A course in Children's Literature (i.e., IHENG 286) |
| EDUC 103 Health, Safety, and Nutrition for the Young Child EDUC 104 Curriculum for Early Childhood Care and Education EDUC 203 Early Language & Literacy Development EDUC 190 OR 191 Practicum I or Work Experience Practicum I EDUC 290 OR 291 Practicum II or Work Experience Practicum II EDUC 200 Developmentally Appropriate Programs for Infants and Toddlers OR EDUC 206 Developmentally Appropriate Programs for School Age Children Plus portfolio of work for all 6 classes | EDUC 311 Early Childhood Methods I: Infant/Toddler/Preschool |
| | EDUC 312 Early Childhood Methods II: Primary Grades (K-3) |
| | EDUC 400 Student Teaching |
| | EDUC 410 EC Student Teaching Seminar |

APPENDIX D

AA Teacher Education to BS Education: Elementary

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| 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 |
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| 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 |

APPENDIX E

AS Business Management to BS Management

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| 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 |
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| 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 – 44 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 |
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| 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 |
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| | 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 |
| ENG 240 American Literature to 1877 | <ul style="list-style-type: none"> • ENG 341 Early American Literature • ENG 344 Studies in American Literature • ENG 345 Studies in African-American Literature |

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| | <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 |
| ENG 240 American Literature to 1877 | <ul style="list-style-type: none"> • IHENG 240 Readings in American Literature |
| | <ul style="list-style-type: none"> • IENG 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 |

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|--|---|
| | 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 |

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| | <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"> • IENG 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 <u>one</u> 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 |

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| | Select one course: |
| MTHC 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 |

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| | 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 |
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| | 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: |

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| 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:

- Biology
- Chemistry
- Chemistry – Physics
- Earth/Space Science
- English
- General Science
- Geography
- 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 |
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| 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 |
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| | 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 |
| | 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 |

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| | 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, 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 |
| | Nutrition Option |
| | <p><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 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</p> |

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| | may be considered if approved by the Admissions Committee. |
| | 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 |

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|---|---|
| | 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 |
| | 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. |
| | 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. |
| | 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: |
| | • Health Specialization |
| | HLSC 285 Health in Society |
| | Select one: HLSC 330 Health Psychology IPE 310 Psychosocial Aspects of Sport |
| | HLSC 431 Stress Management |
| | • 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> |
| | **8 credits plus 4 credits Integrative Studies |
| | <ul style="list-style-type: none"> • IA Art 103 Three-dimensional Design • 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.

Academic
AUG 29 2012
Affairs

SIGNATURE SECTION

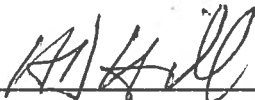
IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their respective signatory officials thereunto duly authorized as of the day and year first above written.



Dr. Jay Kahn
Interim President, Keene State College

9/12/12

Date



Harvey Hill
Interim President, River Valley Community College

9/4/12

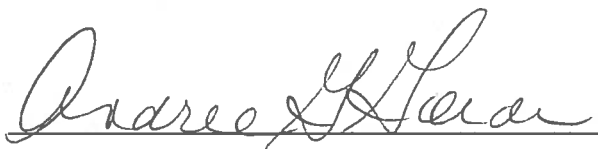
Date



Dr. Melinda Treadwell
Provost and Vice President of Academic Affairs
Keene State College

9/12/12

Date



Andrea Gordon, M. Ed.
Vice President, Academic Affairs
River Valley Community College

9/4/12

Date