

## **ARTICULATION AGREEMENT BETWEEN KEENE STATE COLLEGE AND WHITE MOUNTAINS 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 White Mountains Community College (WMCC) 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 White Mountains Community College will be admitted to Keene State College with junior status. Courses at White Mountains 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 White Mountains 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 White Mountains Community College students who complete Associate degrees in:

- AS Information Technology
- AS Early Childhood Education
- AA Teacher Preparation
- AS Business Administration

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

- an Associate Degree of Science in Information Technology at White Mountains 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 Early Childhood Education at White Mountains Community College may transfer credits into a Baccalaureate degree of Science in Education: Early Childhood Development at Keene State College (Appendix B)

- an Associate Degree of Arts in teacher Preparation at White Mountains Community College may transfer credits into a Baccalaureate degree of Science in Education: Elementary Education at Keene State College (Appendix C)
- an Associate Degree of Science in Business Administration at White Mountains Community College may transfer credits into a Baccalaureate degree of Science in Management at Keene State College (Appendix D)

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

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

#### **JOINT RESPONSIBILITIES**

To the extent possible, White Mountains Community College and Keene State College will publicize this Agreement and collaborate in joint marketing efforts. White Mountains 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 White Mountains 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**

### **Business Administration**

The WMCC Associate's Degree in **Business Administration** is administered by the program coordinator (Jack Verani) and supervised by the Vice President for Academic Affairs. The KSC Baccalaureate in **Management** is administered by the chair of the department (Linda Hadden) and supervised by the Dean of Sciences.

### **Information Technology**

The WMCC Associate's Degree in **Information Technology** is administered by the program coordinator (Jeff Schall) and supervised by the Vice President for Academic Affairs. The KSC Baccalaureate in **Applied Computer Science** is administered by the chair of the department (Mike Hanrahan) and supervised by the Dean of Sciences.

### **Early Childhood Education**

The WMCC Associate's Degree in **Early Childhood Education** is administered by the program coordinator (Pat Finnigan-Allen) and supervised by the Vice President for Academic Affairs. 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 Preparation**

The WMCC Associate's Degree in **Teacher Preparation** is administered by the program coordinator (Deb Stewart) and supervised by the Vice President for Academic Affairs. 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 Information Technology to BS Applied Computer Science**

AS Information Technology	<a href="http://www.wmcc.edu/courses/cet.html">http://www.wmcc.edu/courses/cet.html</a>	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.

WMCC	KSC
AS Information Technology	KSC Major Requirements
	<b>Core Courses</b>
	MATH 135 Mathematical Foundations for CS
BCMT 115 Object Oriented Programming with Java	CS 140 Computer Programming I
	Select one of the following:
BCMT 120 Web Design I	• CS 150 Web Page Construction
BCMT 113 IT Essentials: Hardware and Software	• CS 160 Microcomputer Systems
	CS 185 Computer Programming II
	CS 280 Data Structures and Algorithms
	<b>Architecture and Programming Electives</b>
	Choose one of the following:
	• CS 210 Midrange Systems
BCMT 114 Fundamentals of Unix	• CS 215 Unix System Admin
	• CS 265 Computer Architecture
	• CS 367 Command Language Programming
	Choose one of the following:
BCMT 125 Introduction to Programming	• CS 205 User Interface and Visual Programming
	• CS 220 COBOL Programming
	• CS 225 C++ Programming
	• CS 230 RPG Programming
	• CS 310 Assembly Language
	<b>Advanced Electives</b>
	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
	CS 340 Internet Programming

	CS 350 Systems Analysis and Project Management
BCMT 213 Computer Networking I AND BCMT 219 Computer Networking II	CS 355 Telecom and Computer Networks
BCOM 214 Database Development AND BCMT 235 SQL Databases	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
	<b>Practical Experience</b>
	Choose one:
	• CS 293 Supervised Field Experience
	• CS 493 Advanced Supervised Field Experience

## APPENDIX B

### AS Early Childhood Education to BS Education: Early Childhood Development

AS Early Childhood Education	<a href="http://www.wmcc.edu/courses/chcare.htm">http://www.wmcc.edu/courses/chcare.htm</a>	BS Education: Early Childhood Development
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Early Childhood Ed Dept. Head: Pat Finnigan Allen 603-752-1113 ext 3016 [pfinnigan@ccsnh.edu](mailto:pfinnigan@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

WMCC	KSC
BECE 111 Foundations of Early Childhood Education OR BEDU 104 Foundations of Education	EDUC 100 Issues in Education
	EDUC 200 Social Contexts of Education
BECE 216 Understanding Children with Special Needs OR BEDU 101 Introduction to Exceptionalities <b>AND</b> BECE 116 Infant and Toddler Development <b>COMBINED WITH</b> BECE 112 Child Growth & Development (to cover birth to age 8) OR BPSY 112 Human Growth and Development	EDSP 202 Development, Exceptionality, and Learning
	MATH 171 Structure of Number Systems
BENG 214 Children's Language and Literature	A course in Children's Literature
BECE 114 Health, Safety, and Nutrition for the Young Child BECE 113 Early Childhood Practicum I BECE 117 Learning Environment for Young Children BECE 118 Infant Toddler Curriculum BECE 212 Early Childhood Education Practicum II BECE 214 Curriculum Development: Early Childhood <b>Plus portfolio of work for all 6 classes</b>	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 C

### AA Teacher Preparation to BS Education: Elementary

AA Teacher Preparation	<a href="http://www.wmcc.edu/courses/teacher-prep.html">http://www.wmcc.edu/courses/teacher-prep.html</a>	BS Education: Elementary Education
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Teacher Prep Dept Head: Deborah Stewart 603-752-1113 ext. 3015 [dstewart@ccsnh.edu](mailto:dstewart@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

WMCC	KSC
BEDU 104 Foundations of Education	EDUC 100 Issues in Education
	EDUC 200 Social Contexts of Education
BECE 112 Child Growth & Development <b>AND</b> BEDU 101 Introduction to Exceptionalities	EDSP 202 Development, Exceptionality, and Learning
BMAT 220 Math in Our World	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 D

### BS Management

AS Business Administration	<a href="http://www.wmcc.edu/courses/manage.html">http://www.wmcc.edu/courses/manage.html</a>	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.



WMCC	KSC
AS Business Administration	KSC Major Requirements
BMGT 214 Management	MGT 101 Introduction to Management
BMAT 214 Statistics	MGT 202 Quantitative Decision Making
BACC 114 Financial Accounting	MGT 213 Financial Accounting
BACC 214 Managerial Finance and Accounting	MGT 214 Managerial Accounting
	MGT 301 Organizational Theory and Behavior
	MGT 319 Financial Management
BMGT 212 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 &amp; Promotion</i>
	MGT 381 Management Information Systems
	MGT 451 Social, Legal, and Political Environment of Business
MGT 230 Leadership and Strategic Management	MGT 491 Business Policy and Strategy <i>**BMGT 230 will be accepted as transfer credit but transfer student must also take this course to fulfill course requirements</i>
	MGT electives (4 credits at 300 or 400 level)
	Allied Discipline Requirements
BMGT 111 Organizational Communications	IH COMM 171 Public Speaking
BCOM 120 Spreadsheet Project	CS 101 Introduction to Computer Information Processing
BECO 111 Principles of Macroeconomics	ISECON 104 Introduction to Macroeconomics
BECO 112 Principles of Microeconomics	ECON 103 Introduction to Microeconomics

## APPENDIX E - General Education and Integrative Studies Program Equivalencies

### WMCC Core Competencies:

All graduates of Associate Degree programs at White Mountain Community College will attain the following core competencies:

#### Human Relationships

1. Identify the ethical standards/codes, stated or applied, of the workplace discipline.
2. Analyze ethical and moral dilemmas encountered in the workplace.
3. Utilize time management skills to meet schedules and deadlines in academic and professional responsibilities.
4. Evaluate role relationships and responsibilities as a member of a work team.

#### Communication Skills

1. Report and explain orally what has been read, seen, heard, or learned.
2. Evaluate and explain the main points of presentations and comments of others.
3. Ask pertinent questions and effectively state opinions.
4. Demonstrate the ability to comprehend, evaluate, and interpret what they have read, seen, and heard.

#### Critical Thinking

1. Think logically and reflect on conclusions.
2. Synthesize new ideas from existing facts.
3. Evaluate arguments and data based on prior knowledge consistent with the demands of their

coursework.

4. Propose possible solutions to identified problems.

#### Global Perspective

1. Identify and interpret historical forces at work on individuals, conditions and events.
2. Describe changes in technology and their effect on modern society, or their effect in creating modern society.
3. Describe cultural change, analyze some of the root causes of that change, and evaluate its impact on his/her personality.
4. Describe how the growing interdependence of nations affects the American economy and current contemporary events.

#### Mathematical Processes

1. Perform basic mathematical operations.
2. Perform conversions between English and metric.
3. Use accepted mathematical processes to solve algebraic equations.
4. Demonstrate the ability to solve word problems.

#### Scientific Processes

1. Interpret and use (extract information from) graphs and tables of data.
2. Reason quantitatively in analysis of and describing solutions for problems. Analyze, discuss, and use quantitative information consistent with the demands of their technology.
3. Apply the scientific method in reading reports and in exercises.
4. Perform mathematical processes to solve scientific problems.

#### Technical Skills

1. Utilize the World Wide Web by using search engines and hyperlinks as research tools.
2. Use appropriate anti-viral software to avoid infecting college and personal computers.
3. Use and evaluate library resources, both electronic and print, for research.
4. Use various computer programs consistent with the demands of their technology.

#### Study Skills

1. Use all appropriate sources of information to gain new knowledge and show creativity in identifying those sources.
2. Demonstrate an ability to evaluate sources of information for accuracy and reliability.
3. Demonstrate the ability to evaluate a problem, and develop a solution or a clear explanation of the problem in context consistent with the demands of their technology.
4. Identify one's own strengths and areas of growth.

WMCC General Education Requirements - Minimum 21 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

WMCC General Education	KSC ISP
College Composition BENG 120	ITW 101
Math BMAT 214	IQL 101
Fine Arts BART 128, BHUM 105, BENG 230	IA (minimum 4 credits [one course], maximum 8 credits [2 courses] to meet ISP requirements)
Literature and Communication, Humanities/Foreign	IH (minimum 8 credits [2 courses] maximum)

Language BENG 213, 214, 215, 217, 220, 223, 224, 225, 226, 227, 228, 229, 233, 234, 238 BHIS 211, 213, 214, 215, 216 BHUM 126, 130, 181, 182, 183, 184, 185, 186, 212, 228 BPHI 101	12credits [3 courses] to meet ISP requirements , in two different disciplines)
Science BBIO 111, 114, 115, 120, 211 BCHE 111, 112, 113 BGEO 111, 112 BPHY 111, 112, 113, 115, 120, 125, 211, 215	IN (minimum 8 credits [2 courses] to meet ISP requirements in two different disciplines)
Social Science BANT 101 BECE 213 BECO 111, 112 BGIS 111, 112, 211, 213, 214, 215, 216 BPOL 220, 231 BPSY 111, 112, 200, 205 BSOC 111, 115	IS (minimum 8 credits [2 courses] to meet ISP requirements in two different disciplines)
BCHE 113, BENG 228, BHUM 120	II (minimum 4 credits [1 course] to meet ISP requirements

## APPENDIX F

### 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

WMCC	KSC
	KSC Major Requirements
	<b>Core Courses</b>
	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:
	• AMST 390 Critical Approaches
	• AMST 490 Advanced Special Topics
	<b>Area Courses</b>

	Select two courses from American History:
	• 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 19 <sup>th</sup> 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:
BENG 213 Feminine Voices	• ENG 280 Cultural Studies
	• ENG 341 Early American Literature
	• ENG 344 Studies in American Literature
	• ENG 345 Studies in African-American Literature
	• ENG 346 Transcendentalism
	• ENG 347 Modern American Indian Literature
	• ENG 370 Studies in Literature of the Americas
	Select two courses from Arts & Humanities and/or Social Sciences
	• ART 214 Modern Art
	• IHAMST 248 Cultures of Plains Indians
	• ECON 455 US Economic History
BENG 226 Critical Thinking Through Literature	• IHENG 240 Readings in American Literature
	• IIEG 245 African American Literature and Culture
	• IIFR 240 Franco-American Women's Voices
	• IAMU 112 Latin American Music
	• IAMU 216 History of Rock and Roll
	• MU 218 History of Jazz
	• IAMU 242 Listening to America
	• PHIL 304 American Philosophy
	• ISPOSC 210 US Politics
	• ISPOSC 211 US: State and Local Politics
	• POSC 316 Constitutional Law
	• POSC 321 Foreign Policy and Globalization
BCRM 101 Introduction to Criminal Justice	• CJS 101 Introduction to Criminal Justice
	• SOC 345 Sociology of Families
	• SOC 270 Urban Society
	• SOC 472 Sociology of Health and Medicine

	<ul style="list-style-type: none"> <li>• SOC 475 Social Stratification</li> </ul>
	<ul style="list-style-type: none"> <li>• SP 330 Latinos in the United States</li> </ul>

### BA Earth/Space Science

This program is designed to prepare candidates for teaching Earth/Space science in grades 7-12. In addition to meeting all of the degree requirements set by Keene State College (Earth/Space, education, and integrative studies), this program will result in certification for secondary school teaching by the state of New Hampshire in a nationally recognized science education program.

*Please note that students seeking certification at the secondary level in Earth and Space Science should refer to the Secondary Education option in the Education major section of the catalog for a list of additional course requirements.*

BA in Earth/Space Science with Secondary Education Certification — 126 credits

BA without certification — 120 credits

WMCC	KSC
	Major Requirements
BGEO 111 Physical Geology	INGEOL 151 Physical Geology
	GEOL 206 Oceanography
	GEOL 301 Mineralogy
	GEOL 305 Paleontology
	GEOL 306 Sedimentation and Stratigraphy
	GEOL 315 Environmental Geology
BPHY 125 Meteorology	INMET 225 Meteorology
BCHE 111 Chemistry	INCHEM 111 General Chemistry I & Lab
	CHEM 112 General Chemistry II & Lab
BPHYS 112 Physics I	INPHYS 141 College Physics I
	BIO 111 Evolution
BMAT 214 Statistics	MATH 141 Statistics
	Select one of the following:
BPHY 120 Astronomy	<ul style="list-style-type: none"> <li>• INASTR 107 Introduction to Astronomy</li> <li>• ASTR 307 University Astronomy</li> </ul>
	Select one of the following:
BMAT 180 Pre-calculus BMAT 215 Calculus I	<ul style="list-style-type: none"> <li>• MATH 120 Applied Algebra and Trigonometry</li> <li>• MATH 130 Precalculus</li> <li>• MATH 151 Calculus I</li> </ul>

### 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.

WMCC	KSC
	<b>KSC Major Requirements</b>
	<b>Core Courses</b>
	IHPHIL 100 Logical Argumentation
	Select one of the following:
BMAT 214 Statistics	MATH 141 Introductory Statistics
	PSYC 251 Psychological Statistics
BECO 112 Principles of Microeconomics	ECON 103 Introduction to Microeconomics
BECO 111 Principles of Macroeconomics	ISECON 104 Introduction to Macroeconomics
	ISECON 360 History of Economic Thought
	ECON 203 Intermediate Microeconomics
	ECON 204 Intermediate Macroeconomics
	ECON 491 Economic Research Project
	<b>Economics Electives</b>
BECO 113 Money, Family, and the American Economy	12 credits of 300- or 400-level Economics courses

### 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.

WMCC	KSC
	<b>Major Requirements</b>
	INASTR 101 Introduction to Astronomy
	BIO 110 Molecules and Cells
	BIO 111 Evolution
BGEO 111 Physical Geology	INGEOL 151 Physical Geology
	GEOL 206 Oceanography
BPHY 125 Meteorology	INMET 225 Meteorology
	Select one course:
BMAT 180 Pre-calculus	MATH 120 Applied Algebra and Trigonometry
BMAT 215 Calculus I	MATH 130 Precalculus
	MATH 151 Calculus I
	<b>Bachelor of Arts Requirements</b>
BMAT 214 Statistics	MATH 141 Introductory Statistics
	BIO 210 Ecology
	INCHEM 111 General Chemistry I
	CHEM 112 General Chemistry II
	CHEM 221 Organic Chemistry I
	CHEM 222 Organic Chemistry II
	GEOL 252 Evolution of the Earth
BPHYS 112 Physics I	INPHYS 141 College Physics I
	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
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### 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*

WMCC	KSC
	Major Requirements
	INASTR 101 Introduction to Astronomy
	BIO 110 Molecules and Cells
	BIO 111 Evolution
BGEO 111 Physical Geology	INGEOL 151 Physical Geology
	GEOL 206 Oceanography
BPHY 125 Meteorology	INMET 225 Meteorology
	Select one course:
BMAT 180 Pre-calculus	MATH 120 Applied Algebra and Trigonometry
BMAT 215 Calculus I	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
	INCHEM 111 General Chemistry I
	CHEM 112 General Chemistry II
	BIO 210 Ecology
	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,

### 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.

WMCC	KSC
	<b>Core Courses</b>
BSOC 111 Sociology	SOC 201 Introduction to Sociology Major
	SOC 301 Sociological Research Methods
	SOC 303 Sociological Quantitative Analysis
	SOC 305 Sociological Theory
	<b>KSC Major Requirements</b>
	Select one of the following:
BANT 101 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
	<b>Sociology Electives</b>
BSOC 115 Gangs, Theory, Impact, Prevention and Intervention	12 credits in sociology electives must be taken. Four credit hours of Anthropology courses can be used to satisfy this requirement



## BS Education: Secondary Education

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.

WMCC	KSC
BEDU 104 Foundation of Education	EDUC 100 Issues in Education
BEDU 202 Strategies for Teaching Diverse Populations	EDUC 231 Curriculum for a Diverse World
	EDUC 331 Secondary Methods I
BEDU 200 Supporting Students with Challenging Behaviors	EDUC 332 Secondary Classroom Management
BEDU 101 Introduction to Exceptionalities BEDU 203 Teaching Strategies for Students with Disabilities	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

WMCC	KSC
	<b>KSC Major Requirements</b>
	<b>Core Courses</b>
	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
	<b>Health Promotion and Wellness Option</b>
	<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>
	<b>Health Promotion and Wellness Requirements</b>
BCHE 112 Nutrition	HLSC 214 Nutrition Fundamentals
	HLSC 365 Exercise Science and Application
	<b>Allied Discipline Requirements</b>
BBIO 114 Human Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology w/ lab
BBIO 115 Human Anatomy & Physiology II	BIO 232 Human Anatomy & Physiology w/ lab
BCHE 111 Chemistry	INCHEM 100 Introduction to Chemistry <i>Credits for BCHE 111 will be accepted. This course meets the Chemistry requirement for the major.</i>
BENG 225 Oral Communication	IHCOMM 171 Public Speaking
BPSY 111 Psychology	PSYCH 101 General Psychology
	<b>Community Health Specialization Requirements</b>
	HSLC 305 Epidemiology in Health Science
	Select one:
BMAT 214 Statistics	MATH 141 Introductory Statistics
	MATH 142 Applied Statistics
	<b>Behavior and Health Specialization Requirements</b>
	Select one:
	HLSC 318 Nutrition throughout Lifespan
BPSY 112 Human Growth & Development	PSYC 311 Child and Adolescent Psychology
	PSYC 314 Adulthood and Aging
	HLSC 330 Health Psychology
	PSYC 221 Social Psychology
	PSYC 242 Personality
	PSYC 253 Brain and Behavior

BPSY 205 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

WMCC	KSC
	<b>KSC Major Requirements</b>
	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"> <li>• HLSC 494 Health Science Capstone</li> <li>• HLSC 495 seminar: Health Science Research</li> </ul>
	<b>Nutrition Option</b>
	<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"> <li>• HLSC 101 Health and Wellness</li> <li>• HLSC 125 Nutrition and the Profession</li> <li>• INCHEM 103 Fundamentals of Chemistry</li> </ul> <p>For transfer students, equivalent transferred courses may be considered if approved by the Admissions Committee.</p>
	<b>Required for admission consideration</b>

	HLSC 101 Health and Wellness
BCHE 112 Nutrition	HLSC 125 Nutrition and the Profession
BCHE 111 Chemistry	INCHEM 103 Fundamentals of Chemistry
	<b>Nutrition Option requirements</b>
	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
	<b>Allied Discipline Requirements</b>
BBIO 114 Human Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology I w/ lab
BBIO 115 Human Anatomy & Physiology II	BIO 232 Human anatomy & Physiology II w/ lab
	BIO 240 Cell and Microbial Biology
BCHE 111 Chemistry	INCHEM 103 Fundamentals of Chemistry w/ lab <i>Credits for BCHE 111 will be accepted. This course meets the Chemistry requirement for the major.</i>
	CHEM 220 Fundamental Organic Chemistry w/ lab
BENG 225 Oral Communication	IHCOMM 171 Public Speaking
BPSY 111 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

WMCC	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"> <li>• HLSC 494 Health Science Capstone</li> <li>• HLSC 495 Seminar: Health Science Research</li> </ul>
	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
BCHE 112 Nutrition	HLSC 214 Nutrition Fundamentals
	HLSC 365 Exercise Science and Application
	HLSC 382 Addiction Counseling and Management
BHUS 217 Chemical Dependence	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"> <li>• HLSC 489 Drug Abuse Prevention</li> <li>• HLSC Advanced Drug Treatment Methods</li> </ul>
	Allied Health Requirements
BENG 225 Oral Communication	IHCOMM 171 Public Speaking
BPSY 111 Psychology	PSYC 101 General Psychology
BBIO 114 Human Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology I w/ lab
BBIO 115 Human Anatomy & Physiology II	BIO 232 Human Anatomy & Physiology II w/ lab
BCHE 111 Chemistry	INCHEM 100 Introduction to Chemistry <i>Credits for BCHE 111 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

WMCC	KSC
	Allied Requirements
BCHE 111 Chemistry	INCHEM 100 OR INCHEM 103 OR INCHEM 111 <i>Credits for BCHE 111 will be accepted. This course meets the Chemistry requirement for the major.</i>
BBIO 114 Human Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology I
BBIO 115 Human anatomy & Physiology II	BIO 232 Human Anatomy & Physiology II
BPSY 111 Psychology	ISPSYC 100 Topics in Psychology
	Exercise Science Option Requirements
	HLSC 101 Health and Wellness
	PE 191 Standard First Aid/CPR (1 credit)
BMST 201 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:
	• <b>Health Specialization</b>
	HLSC 285 Health in Society
	Select one: HLSC 330 Health Psychology IPE 310 Psychosocial Aspects of Sport
	HLSC 431 Stress Management
	• <b>Coaching Specialization</b>
	PE 210 Introduction to Coaching
	Select one: MGT 260 Sports Management IPE 310 Psychosocial Aspects of Sport

	PE 371 Coaching Practicum

**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.



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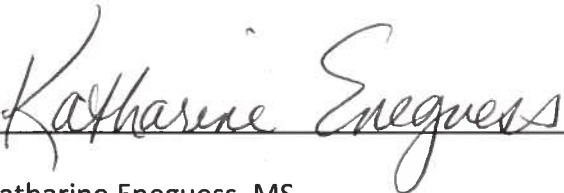
Dr. Jay Kahn

Interim President, Keene State College



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Date



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Katharine Eneguess, MS

President, White Mountains Community College



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Date



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Dr. Melinda Treadwell


Provost and Vice President of Academic Affairs

Keene State College



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Date

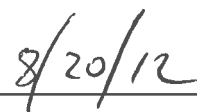


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Frank Clulow, M. Ed.

Vice President, Academic Affairs

White Mountains Community College



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Date