

ARTICULATION AGREEMENT
Between
KEENE STATE COLLEGE
And
GREAT BAY 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 Great Bay Community College (GBCC) 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 Great Bay Community College will be admitted to Keene State College with junior status. Courses at Great Bay 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 Great Bay 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 Great Bay Community College students who complete Associate degrees in:

- AA Liberal Arts/American Studies
- AS Digital Media Technology
- AS Computer Technologies
- AS Information Systems Technology
- AS Early Childhood Education
- AS Liberal Arts/Teacher Preparation
- AS Management
- AS Marketing
- AA Liberal Arts/Business Studies

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

- an Associate Degree of Liberal Arts in American Studies at Great Bay Community College may transfer credits into a Baccalaureate degree of Arts in American Studies at Keene State College (Appendix A)
- an Associate Degree in Digital Media Technology at Great Bay Community College may transfer credits into a Baccalaureate degree of Arts in Art: Graphic Design Option at Keene State College (Appendix B)
- an Associate Degree in Computer Technologies at Great Bay Community College may transfer credits into a Baccalaureate degree of Science in Applied Computer Science at Keene State College (Appendix C)
- an Associate Degree in Information Systems Technology at Great Bay Community College may transfer credits into a Baccalaureate degree of Science in Applied Computer Science at Keene State College (Appendix D)
- an Associate degree in Early Childhood Education at Great Bay Community College may transfer credits into a Baccalaureate degree of Science in Education: Early Childhood Development at Keene State College (Appendix E)
- an Associate degree in Liberal Arts/Teacher Preparation at Great Bay Community College may transfer credits into a Baccalaureate degree of Science in Education: Elementary Education at Keene State College (Appendix F)
- an Associate degree in Management at Great Bay Community College may transfer credits into a Baccalaureate degree of Science in Management at Keene State College (Appendix G)
- an Associate degree in Marketing at Great Bay Community College may transfer credits into a Baccalaureate degree of Science in Management at Keene State College (Appendix H)
- an Associate degree in Liberal Arts/Business Studies at Great Bay Community College may transfer credits into a Baccalaureate degree of Science in Management at Keene State College (Appendix I)

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

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

JOINT RESPONSIBILITIES

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

American Studies

The Great Bay Community College Associate Degree in Liberal Arts in American Studies is administered by the department chair (Rick Walters) and supervised by the Vice President for Academic Affairs (Diane King). The Keene State College Baccalaureate in American Studies is administered by the chair of the department (Michael Antonucci) and supervised by the Dean of Arts and Humanities.

Graphic Design

The Great Bay Community College Associate Degree in Digital Media Technology is administered by the program coordinator (Annette Cohen) and supervised by the Vice President for Academic Affairs (Diane King). The Keene State College Baccalaureate in Art: Graphic Design Option is administered by the chair of the department (Robert Kostick) and is supervised by the Dean of Arts & Humanities.

Early Childhood Education

The Great Bay Community College Associate Degree in Early Childhood Education is administered by the program coordinator (Anita French) and supervised by department chair (Patricia Corbett). The Keene State College 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.

Liberal Arts/Teacher Preparation

The Great Bay Community College Associate Degree in Liberal Arts/Teacher Preparation is administered by department chair (Pat Corbett) and supervised by the Vice President for Academic Affairs (Diane King). The Keene State College 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.

Management

The Great Bay Community College Associate Degree in **Management** is administered by the department chair (John Burt) and supervised by the Vice President for Academic Affairs (Diane King). The Keene State College Baccalaureate in **Management** is administered by the chair of the department (Linda Hadden) and supervised by the Dean of Sciences.

Marketing

The Great Bay Community College Associate Degree in **Marketing** is administered by the department chair (John Burt) and supervised by the Vice President for Academic Affairs (Diane King). The Keene State College Baccalaureate in **Management** is administered by the chair of the department (Linda Hadden) and supervised by the Dean of Sciences.

Liberal Arts/Business Studies

The Great Bay Community College Associate Degree in **Liberal Arts/Business Studies** is administered by the program coordinator (Jeanne Furfari) and supervised by the department chair (John Burt). The Keene State College Baccalaureate in **Management** is administered by the chair of the department (Linda Hadden) and supervised by the Dean of Sciences.

Computer Technologies

The Great Bay Community College Associate Degree in **Computer Technologies** is administered by the program coordinator (Meg Prescott) and supervised by the department chair (John Burt). The Keene State College Baccalaureate in **Applied Computer Science** is administered by the chair of the department (Mike Hanrahan) and supervised by the Dean of Sciences.

Information Systems

The Great Bay Community College Associate Degree in **Information Systems Technology** is administered by the program coordinator (Kevin Behnke) and supervised by the department chair (Scott Hewitt). The Keene State College Baccalaureate in **Applied Computer Science** is administered by the chair of the department (Mike Hanrahan) and supervised by the Dean of Sciences.

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

AA Liberal Arts/American Studies to BA American Studies

AA Liberal Arts/American Studies	http://www.greatbay.edu/?pg=program_detail&prog_id=la_american_studies	BA American Studies
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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.

GBCC	KSC
AA Liberal Arts/American Studies	KSC Major Requirements
	Core Courses
AMER 110 Introduction to American Studies	IAMST 210 Introduction to American Studies <i>AMER110 can be counted for EITHER IAMST 210 or IAMST 250 but not for both</i>
AMER 110 Introduction to American Studies	IAMST 250 Interpreting American Cultures <i>AMER110 can be counted for EITHER IAMST 210 or IAMST 250 but not for both</i>
	AMST 350 Perspectives on American Culture
AMER 210 American Studies Seminar	AMST 495 Seminar
	Select one of the following:
	• AMST 390 Critical Approaches
	• AMST 490 Advanced Special Topics
	Area Courses
	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 338 European Encounters in the New World
	• 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 th 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:
	• 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
AMER 210 American Studies Seminar	<i>This course will count as one course towards this requirement</i>
	• ART 214 Modern Art
	• IHAMST 248 Cultures of Plains Indians
	• ECON 455 US Economic History
	• IHENG 240 Readings in American Literature
	• IENG 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
POL 110 American Government	• ISPOSC 210 US Politics
	• ISPOSC 211 US: State and Local Politics
	• POSC 316 Constitutional Law
	• POSC 321 Foreign Policy and Globalization
	• CJS 101 Introduction to Criminal Justice
	• SOC 345 Sociology of Families
	• SOC 270 Urban Society
	• SOC 472 Sociology of Health and Medicine
	• SOC 475 Social Stratification
	• SP 330 Latinos in the United States

APPENDIX B

AS Digital Media Technology to BA Art: Graphic Design Option

AS Digital Media Technology	http://www.greatbay.edu/?pg=program_detail&prog_id=digital_media_technology#com	BA Art: Graphic Design option
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→To become a Keene State Art major (Graphic Design and Studio Art options), a portfolio of 10 to 20 pieces of artwork must be submitted and accepted. See further discussion in Keene State College Catalog website: <http://www.keene.edu/catalog/programs/art/default.cfm#b>.

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

GBCC	KSC
	Foundation Core
ARTS 124 Art, Design, and Color	ART 101 Foundations of Design or IAART 100
HUMA 117 Art History I AND HUMA 127 Art History II	ART 111 Introduction to Art History or IAART 110
ARTS 123 Drawing I AND ARTS 223 Drawing II	ART 125 Drawing I or IAART 120
	<i>Graphic Design Option</i>
	100-level course
CIS 115 Introduction to Graphic Design	ART 151 Technology Workshop
	200-level courses
	ART 250 Graphic Design I
	ART 253 Digital Imaging I
ARTS 126 Typography	ART 258 Typography I
	300-level courses
	ART 350 Graphic Design II
	ART 354 Web-based Media I
	ART 356 Time-based Media I
	400-level courses
	ART 450 Graphic Design III
	ART 455 Topics in Graphic Design
	ART Graphic Design Portfolio

APPENDIX C

AS Computer Technologies to BS Applied Computer Science

AS Computer Technologies	http://www.greatbay.edu/?pg=program_detail&prog_id=computer_technologies	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.

GBCC	KSC
AS Computer Technologies	KSC Major Requirements
	Core Courses
	MATH 135 Mathematical Foundations for CS
CIS 148 Introduction to Java Programming	CS 140 Computer Programming I
	Select one of the following:
CIS 124 Web Programming I	• CS 150 Web Page Construction
CIS 111 Computer Technologies	• CS 160 Microcomputer Systems
CIS 248 Advanced Java Programming	CS 185 Computer Programming II
	CS 280 Data Structures and Algorithms
	Architecture and Programming Electives
	Choose one of the following:
	• CS 210 Midrange Systems
CIS 249 Linux Databases OR CIS 249 Linux Databases	• CS 215 Unix System Admin
	• CS 265 Computer Architecture
	• CS 367 Command Language Programming
	Choose one of the following:
Any CIS 2x8 course	Any GBCC course with this prefix will fulfill this elective
	• CS 205 User Interface and Visual Programming
	• CS 220 COBOL Programming
CIS 258 Advanced 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
CIS 224 Web Programming II AND CIS 254 PHP and MySQL	CS 340 Internet Programming

	CS 350 Systems Analysis and Project Management
IST 228 Network Implementation	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

	CS 320 Operating Systems Design
	CS 340 Internet Programming
	CS 350 Systems Analysis and Project Management
IST 122 Networking Fundamentals AND IST 123 Routing Protocols AND IST 228 Network Implementation	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
IST 161 Introduction to Information Assurance IST 262 Advanced Network Security	CS 490 Advanced Special topics
	CS 495 Seminar
	CS 498 Independent Study
	Practical Experience
	Choose one:
IST 281 Internship	<ul style="list-style-type: none"> CS 293 Supervised Field Experience CS 493 Advanced Supervised Field Experience

APPENDIX D

AS Information Systems Technology to BS Applied Computer Science

AS Information Systems Technology	http://www.greatbay.edu/?pg=program_detail&prog_id=information_systems_technology	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.

GBCC	KSC
AS Computer Technologies	KSC Major Requirements
	Core Courses
	MATH 135 Mathematical Foundations for CS
	CS 140 Computer Programming I
	Select one of the following:
	• CS 150 Web Page Construction
IST 112 Applied Logic	• CS 160 Microcomputer Systems
	CS 185 Computer Programming II
	CS 280 Data Structures and Algorithms
	Architecture and Programming Electives
IST 114 Essentials: Network Operating Systems IST 251 Windows Network Operating Systems Services IST 251 Windows Network Operating Systems Administration	These GBCC courses will fulfill these electives
	Choose one of the following:
	• CS 210 Midrange Systems
IST 141 Fundamentals of UNIX	• CS 215 Unix System Admin
	• CS 265 Computer Architecture
	• CS 367 Command Language Programming
	Choose one of the following:
	• CS 205 User Interface and Visual Programming
	• CS 220 COBOL Programming
CIS 158 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

APPENDIX E

AS Early Childhood Education to BS Education: Early Childhood Development

AS Early Childhood Education	http://www.greatbay.edu/?pg=program_detail&prog_id=early_childhood_education	BS Education: Early Childhood Development
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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.

GBCC	KSC
ECE 104 Foundations of Early Childhood Education OR EDU 104 Foundations of Education	EDUC 100 Issues in Education
SOC 250 Multi Ethnic Cross-Cultural Relations	EDUC 200 Social Contexts of Education
ECE 206 Supporting the Special Needs Child OR EDU 101 Introduction to Exceptionalities AND PSYC 210 Human Growth and Development	EDSP 202 Development, Exceptionality, And Learning
	MATH 171 Structure of Number Systems
	A course in Children's Literature (i.e., IHENG 286)
ECE 204 Developmentally-Appropriate Curriculum for Infants and Toddlers ECE 106 Curriculum & Environment for Family Child Care ECE 200 Math and Science Development in Childhood Education ECE 203 Language Arts in Early Childhood Plus portfolio of work for all 4 classes	EDUC 311 Early Childhood Methods I: Infant/Toddler/Preschool
	EDUC 312 Early Childhood Methods II: Primary Grades (K-3)
	EDUC 400 Student Teaching Seminar
	EDUC 410 EC Student Teaching Seminar

APPENDIX F

AA Liberal Arts/Teacher Preparation to BS Education: Elementary Education

AA Liberal Arts/ Teacher Prep	http://www.greatbay.edu/?pg=program_detail&prog_id=la_teacher_preparation	BS Education: Elementary Education
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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

GBCC	KSC
EDU 104 Foundations of Education	EDUC 100 Issues in Education
SOC 250 Multi Ethnic Cross-Cultural Relations	EDUC 200 Social Contexts of Education
EDU 101 Introduction to Exceptionalities	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
	EDUC 400 Student Teaching
	EDUC 420 ELED Student Teaching Seminar

APPENDIX G

AS Management to BS Management

AS Management	http://www.greatbay.edu/?pg=program_detail&prog_id=management	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.

GBCC	KSC
AS Marketing	KSC Major Requirements
BUS 114 Management	MGT 101 Introduction to Management
MATH 225 Probability and Statistics	MGT 202 Quantitative Decision Making
ACCT 113 Accounting and Financial Reporting I AND ACCT 123 Accounting and Financial Reporting II	MGT 213 Financial Accounting
ACCT 213 Cost Accounting I	MGT 214 Managerial Accounting
BUS 116 Organizational Behavior	MGT 301 Organizational Theory and Behavior <i>**Credits will be applied to the degree, but in addition students must complete MGT 355 Business Negotiations OR MGT 324 Human Resource Management</i>
	MGT 319 Financial Management
MKTG 125 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 (48 credits at 300 or 400 level)
	Allied Discipline Requirements
ENGL 210 Communications	IH COMM 171 Public Speaking
CIS 110 Introduction to Computers	CS 101 Introduction to Computer Information Processing
ECON 234 Macroeconomics	ISECON 104 Introduction to Macroeconomics
ECON 235 Microeconomics	ECON 103 Introduction to Microeconomics

APPENDIX H

AS Marketing to BS Management

AS Marketing	http://www.greatbay.edu/?pg=program_detail&prog_id=marketing	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.

GBCC	KSC
AS Marketing	KSC Major Requirements
BUS 114 Management	MGT 101 Introduction to Management
MATH 225 Probability and Statistics	MGT 202 Quantitative Decision Making
ACCT 113 Accounting and Financial Reporting I AND ACCT 123 Accounting and Financial Reporting II ACCT 213 Cost Accounting I	MGT 213 Financial Accounting
BUS 116 Organizational Behavior	MGT 214 Managerial Accounting
	MGT 301 Organizational Theory and Behavior <i>**Credits will be applied to the degree, but in addition students must complete MGT 355 Business Negotiations OR MGT 324 Human Resource Management</i>
	MGT 319 Financial Management
MKTG 125 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 (48 credits at 300 or 400 level)
	Allied Discipline Requirements
ENGL 210 Communications	IH COMM 171 Public Speaking
CIS 110 Introduction to Computers	CS 101 Introduction to Computer Information Processing
ECON 234 Macroeconomics	ISECON 104 Introduction to Macroeconomics
ECON 235 Microeconomics	ECON 103 Introduction to Microeconomics

APPENDIX I

AA Liberal Arts – Business Studies to BS Management

AA Liberal Arts/ Business Studies	http://www.greatbay.edu/?pg=program_detail&prog_id=la_business_studies	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.

GBCC	KSC
AS Marketing	KSC Major Requirements
BUS 114 Management	MGT 101 Introduction to Management
MATH 225 Probability and Statistics	MGT 202 Quantitative Decision Making
ACCT 113 Accounting and Financial Reporting I AND ACCT 123 Accounting and Financial Reporting II	MGT 213 Financial Accounting
ACCT 213 Cost Accounting I	MGT 214 Managerial Accounting
BUS 116 Organizational Behavior	MGT 301 Organizational Theory and Behavior <i>**Credits will be applied to the degree, but in addition students must complete MGT 355 Business Negotiations OR MGT 324 Human Resource Management</i>
	MGT 319 Financial Management
MKTG 125 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 (48 credits at 300 or 400 level)
	Allied Discipline Requirements
ENGL 210 Communications	IH COMM 171 Public Speaking
CIS 110 Introduction to Computers	CS 101 Introduction to Computer Information Processing
ECON 234 Macroeconomics	ISECON 104 Introduction to Macroeconomics
ECON 235 Microeconomics	ECON 103 Introduction to Microeconomics

APPENDIX J - General Education and Integrative Studies Program Equivalencies

Great Bay Community College General Education Core

Institutional Objective:

This institution holds the belief that the academic program of each student (in completion of the requirements of the major and the general education requirements) provides the opportunity to develop core attributes that support both personal and professional growth and goal achievement.

- **Human Relationship Skills:** The application of values, collaboration skills, standards, ethical judgment, and appreciation of diversity required for personal and professional interaction.
- **Communication Skills:** The ability to express ideas and share knowledge in a clear, focused, and organized manner.
- **Critical Thinking:** The ability to analyze, synthesize, and evaluate information in a logical and coherent manner.
- **Global Perspectives:** The ability to examine a concept in contexts and from perspectives other than one's own.
- **Quantitative Reasoning:** The application of computational methods and numerical data interpretation to solve problems.
- **Scientific Processes:** The application of scientific methods to gain knowledge and examine the laws, theories, and processes of physical and biological phenomena.
- **Technical Skills:** The theoretical and applied knowledge for career entry and continued professional development
- **Study Skills:** The application of strategies, resources, and attitudes to find solutions and gain knowledge.

Associate in Arts Degree: Liberal Arts

Associate in Arts Degree: Specialized Transfers

Associate in Science Degree (A.S.)

GBCC General Education Core 27 credits

KSC ISP

Requirements – 40 credits (10 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

GBCC General Education	KSC ISP
ENGL 110	ITW 101
MATH 225	IQL 101
Fine Arts HUMA 105, 117, 127	IA (minimum 4 credits [one course], maximum 8 credits [2 courses] to meet ISP requirements)
Humanities/ /Foreign Language, Literature or Communication Any FREN, HIST, PHIL, SPAN and AMER 210, ENGL 113-225, HUMA 135, 150, 200	IH (minimum 8 credits [2 courses] maximum 12credits [3 courses] to meet ISP requirements , in two different disciplines)
Science or Lab Science Any CHEM, PHYS and any BIO except 041, 110, 120, 150, 160 and BTEC except 223	IN (minimum 8 credits [2 courses] to meet ISP requirements in two different disciplines)
Social Science AN, ECON, GEOG, POL, PSYC, SOC 120, 250, CRJ 150	IS (minimum 8 credits [2 courses] to meet ISP requirements in two different disciplines)
AMER 110, 210 BIOL 160, SOC 135	II (minimum 4 credits [1 course] to meet ISP requirements)

APPENDIX K

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

GBCC	KSC
	Major Requirements
	INGEOL 151 Physical Geology
	GEOL 206 Oceanography
	GEOL 301 Mineralogy
	GEOL 305 Paleontology
	GEOL 306 Sedimentation and Stratigraphy
	GEOL 315 Environmental Geology
	INMET 225 Meteorology
CHEM 115 General Chemistry I	INCHEM 111 General Chemistry I & Lab
CHEM 116 General Chemistry II	CHEM 112 General Chemistry II & Lab
PHYS 135 College Physics I	INPHYS 141 College Physics I
	BIO 111 Evolution
MATH 225 Probability and Statistics	MATH 141 Statistics
	Select one of the following:
	• INASTR 107 Introduction to Astronomy
	• ASTR 307 University Astronomy
	Select one of the following:
MATH 150 College Algebra	• MATH 120 Applied Algebra and Trigonometry
MATH 210 Precalculus	• MATH 130 Precalculus
MATH 230 Calculus I	• MATH 151 Calculus I

BA Economics

The BA 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 tightly 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 MBA programs.

GBCC	KSC
	KSC Major Requirements
	Core Courses
	IHPHIL 100 Logical Argumentation
	Select one of the following:
MATH 225 Probability and Statistics	MATH 141 Introductory Statistics
	PSYC 251 Psychological Statistics
ECON 235 Microeconomics	ECON 103 Introduction to Microeconomics
ECON 234 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
	Economics Electives
	12 credits of 300- or 400-level Economics courses

BA English: Literature Option

Students in the literature option read a wide range of literature from various cultures and historical periods. English/Secondary Education majors must choose the Literature option and take one additional course, ENG 312 Descriptive Grammar.

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.

GBCC	KSC
	Major Requirements
	Complete a minimum of <u>10</u> courses
ENGL 127 Introduction to Literary Analysis OR ENGL 117 Introduction to Literature	ENG 215 Literary Analysis
	ENG 315 Literary Form and History
	ENG 395 Sequence I
	ENG 495 Sequence II
	Six additional English courses: one 200 level, four at 300 level, and one at 400 level – either ENG 402 or ENG 490. At least four of these six courses must be in literature. One course must be in pre-1800 literature. One course must be a Differing Cultural Perspectives course.
	Courses that meet the pre-1800 requirement:
	<ul style="list-style-type: none"> ENG 321 English Literature: Beginnings to 18th Century ENG 323 Medieval Literature

	<ul style="list-style-type: none"> • ENG 324 Chaucer
	<ul style="list-style-type: none"> • ENG 341 Early American Literature
	<ul style="list-style-type: none"> • ENG 326 English Renaissance Literature
	<ul style="list-style-type: none"> • ENG 327 Shakespeare: Poetry and Plays
	Courses that meet the Differing Cultural Perspectives requirement:
	<ul style="list-style-type: none"> • IHAMST 248 Cultures of Northern Plains Indians
ENGL 120 Introduction to African-American Literature and Culture	<ul style="list-style-type: none"> • IIENG 245 Readings in African American Literature and Culture
	<ul style="list-style-type: none"> • IHENG 252 Literature of the Holocaust
	<ul style="list-style-type: none"> • ENG 345 Studies in African American Literature
	<ul style="list-style-type: none"> • ENG 347 Modern American Indian Literature
	<ul style="list-style-type: none"> • ENG 370 Studies in Literatures of the Americas
	When appropriate, the following may fulfill either the pre-1800 literature or Differing Cultural Perspectives requirement:
ENGL 225 The Plays of William Shakespeare	<ul style="list-style-type: none"> • IHENG 220 Readings in British Literature
ENGL American Literature through the Civil War	<ul style="list-style-type: none"> • IHENG 240 Readings in American Literature
	<ul style="list-style-type: none"> • IHENG 250 Readings in Continental Literature
	<ul style="list-style-type: none"> • IHENG 260 Readings in World Literature
ENGL American Literature through the Civil War	<ul style="list-style-type: none"> • ENG 290 Topics
	<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 BA 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.

GBCC	KSC
	Major Requirements
	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:

MATH 150 College Algebra MATH 210 Precalculus MATH 230 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
MATH 225 Probability and Statistics	MATH 141 Introductory Statistics
BIOL 230 General Ecology	BIO 210 Ecology
CHEM 115 General Chemistry I	INCHEM 111 General Chemistry I
CHEM 116 General Chemistry II	CHEM 112 General Chemistry II
	CHEM 221 Organic Chemistry I
	CHEM 222 Organic Chemistry II
	GEOL 252 Evolution of the Earth
PHYS 135 College 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

BA General Science: Education

The BA 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 New Hampshire 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*

GBCC	KSC
	Major Requirements
	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:
MATH 150 College Algebra MATH 210 Precalculus	MATH 120 Applied Algebra and Trigonometry MATH 130 Precalculus

MATH 230 Calculus I	MATH 151 Calculus I
	Elementary or Early Childhood Option
CHEM 110 Introduction to Chemistry	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
CHEM 115 General Chemistry I	INCHEM 111 General Chemistry I
CHEM 116 General Chemistry II	CHEM 112 General Chemistry II
BIOL 230 General Ecology	BIO 210 Ecology
MATH 225 Probability and Statistics	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 History

By combining the development of specific skills with the acquisition of a body of historical knowledge, the History major prepares students for successful careers in primary and secondary education (history and social studies), business and industry, and governmental service. The major also prepares students for graduate study in history, law, and other academic and professional fields.

Students majoring in History are required to complete 36 credit hours in History, 20 credits of which must be in **one** of the following areas of specialization:

- US-History
- European History
- 19th-Century Studies
- 20th-Century Studies

At least 16 of the 20 credit hours toward the area of specialization must be at the 300 level (or higher). At least 4 of the 20 credit hours must be at the 400 level.

Students majoring in History must also complete History 200: Reading and Writing in History.

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

MAJOR REQUIREMENTS

36 credits

- **4 credits** at the 100 level
- **8 credits** at the 200 level, including History 200
- **16 credits** at the 300 level
- **8 credits** at the 400 level

Following are listings of GBCC courses which match available KSC courses:

GBCC	KSC
HIST120 Western Civilization through 1500 or HIST130 Western Civilization-1500 to the Present	Meets the 4 credit 100-level requirement <i>Equivalent to HIST 141 Western Civilization 1 - Origins to 1500 & HIST 142 Western Civilization 2 – 1500 to the Present</i>
HIST202 United States History through 1870	HIST 261 US Social History I: 1603-1865
HIST204 United States History - 1870 to the Present	HIST 262 US Social History II
HIST203 Topics in History HIST210 History of China	HIST 290 Special Topics

BA Psychology

The psychology program prepares students for success in a graduate program in psychology and/or a career in a psychology related field. The program exposes students to the methodologies, problems, bodies of knowledge, and broad range of perspectives found currently in psychology.

The application process for formal admission to the Psychology major occurs during the first or second semester of the sophomore year, e.g., upon completion of PSYC 101, PSYC 251, and either PSYC 242 or PSYC 253. To be admitted to the major, the student must achieve a minimum GPA of 2.5 and no less than a grade C in any of these three courses, and must be in good academic standing with the College.

GBCC	KSC
	KSC Major Requirements
	Core Courses
PSYC 110 Introduction to Psychology	PSYC 101 General Psychology
	PSYC 251 Psychological Statistics
	PSYC 252 Research Methods in Psychology
	PSYC 253 Brain and Behavior
	PSYC 382 History of Psychology
	PSYC 495 Seminar
	Psychology Electives
	Select at least two courses from one of the following groups and at least one from each of the remaining

	groups
	Group 1
	PSYC 242 Personality
	PSYC 340 Psychological Testing
PSYC 215 Abnormal Psychology	PSYC 345 Abnormal Psychology
	PSYC 444 Counseling
	PSYC 447 Clinical Psychology
	Group 2
	PSYC 221 Social Psychology
	PSYC 311 Child/Adolescent Psychology
	PSYC 314 Adulthood and Aging
	PSYC 332 Ethology
	PSYC 425 Psychology of Women
	Group 3
	PSYC 321 Culture and Psychology
	PSYC 355 Psychology of Learning
	PSYC 357 Cognitive Processes
	PSYC 451 Motivation
	PSYC 453 Sensation and Perception

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.

GBCC	KSC
	Core Courses
SOC 110 Sociology	SOC 201 Introduction to Sociology Major

	SOC 301 Sociological Research Methods
	SOC 303 Sociological Quantitative Analysis
	SOC 305 Sociological Theory
	KSC Major Requirements
	Select one of the following:
	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
SOC 120 Society and Technological Changes SOC 125 American Justice System SOC 135 Women's Studies SOC 250 Multi Ethnic Cross-Cultural Relations	12 credits in sociology electives must be taken. Four credit hours of Anthropology courses can be used to satisfy this requirement

BS Biology

The BS program also provides undergraduate preparation for technical employment or post-baccalaureate study in graduate school or for professions such as medicine, dentistry, veterinary medicine, teaching, and natural resource management.

GBCC	KSC
	KSC Major Requirements
BIOL 108 General Biology I	BIO 110 Molecules and Cells
	BIO 111 Evolution
BIOL 230 General Ecology	BIO 210 Ecology
BIOL 220 Principles of Genetics	BIO 211 Genetics
	BIO 212 Cells and Physiology
	BIO 495 Senior Seminar
	Related Math or Science Courses
CHEM 115 General Chemistry I	INCHEM 111 General Chemistry I
CHEM 116 General Chemistry II	CHEM 112 General Chemistry II
CHEM 200 Organic Chemistry	CHEM 221 Organic Chemistry I
	CHEM 222 Organic Chemistry II
PHYS 135 College Physics I	INPHYS 141 College Physics I
PHYS 136 College Physics II	PHYS 142 College Physics II
MATH 225 Probability and Statistics	MATH 141 Introductory Statistics
	Upper Level Courses
	Select one from each of the following categories:
	Animal Diversity

	<ul style="list-style-type: none"> BIO 333 Invertebrate Zoology
	<ul style="list-style-type: none"> BIO 334 Vertebrate Zoology
	<ul style="list-style-type: none"> BIO 335 Ornithology
	Plant and Microbial Diversity
	<ul style="list-style-type: none"> BIO 363 Plant Biology
	<ul style="list-style-type: none"> BIO 365 Plant Evolution
	<ul style="list-style-type: none"> BIO 367 Microbial Diversity
	Ecology and Evolution
	<ul style="list-style-type: none"> BIO 343 Ecosystem Ecology
	<ul style="list-style-type: none"> BIO 345 Animal Behavior
	<ul style="list-style-type: none"> BIO 347 Plant Physiological Ecology
	<ul style="list-style-type: none"> BIO 349 Population Genetics
	Cell/molecular/physiology
	<ul style="list-style-type: none"> BIO 371 Ecophysiology
	<ul style="list-style-type: none"> BIO 373 Neuroethology
	<ul style="list-style-type: none"> BIO 375 Biochemistry
	<ul style="list-style-type: none"> BIO 376 Molecular Biology
	<ul style="list-style-type: none"> BIO 377 Immunology
BIOL 111 Veterinary Anatomy and Physiology I BIOL 121 Veterinary Anatomy and Physiology II	<ul style="list-style-type: none"> BIO 379 Comparative Animal Physiology
	Upper-level BIO Electives
	<ul style="list-style-type: none"> Select any two 300- or 400- levels courses to bring total credits in Biology to 48 credits.
BIOL 120 Human Anatomy & Physiology II	<ul style="list-style-type: none"> Students may take BIO 232 Human Anatomy and Physiology II for 4 credits of the upper-level elective BIO credits

BS Chemistry

The BS 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.

GBCC	KSC
	Integrative Studies Requirements
CHEM 115 General Chemistry I	INCHEM 111 General Chemistry I
CHEM 116 General 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
MATH 225 Probability and Statistics	MATH 141 Introductory Statistics
MATH 230 Calculus I	MATH 151 Calculus I
MATH 250 Calculus II	MATH 152 Calculus II
	<ul style="list-style-type: none"> Select one PAIR from the following:
PHYS 135 College Physics I and PHYS 136 College Physics II	INPHYS 141 College Physics I and PHYS 142 College Physics II
PHYS 290 University Physics I and PHYS 295 University Physics II	INPHYS 241 University Physics I and PHYS 242 University Physics II
BIOL 108 General Biology I	BIO 110 Molecules and Cells

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. **NOTE:** 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.

GBCC	KSC
EDU 104 Foundation in Education	EDUC 100 Issues in Education
EDU 225 Curriculum Planning and Implementation for Inclusion	EDUC 231 Curriculum for a Diverse World
	EDUC 331 Secondary Methods I
	EDUC 332 Secondary Classroom Management
EDU 101 Introduction to Exceptionalities EDU 220 Families and Professionals In Special Education	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 option

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

GBCC	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
	Health Promotion and Wellness Option
	<i>The Health Promotion and Wellness option offers two specializations: Community Health and Behavior and</i>

	<i>Health. Students select one of the specializations and complete option requirements and specialization requirements.</i>
	Health Promotion and Wellness Requirements
BIOL 150 Nutrition	HLSC 214 Nutrition Fundamentals
	HLSC 365 Exercise Science and Application
	Allied Discipline Requirements
BIOL 111 Human Anatomy & Physiology I w/ lab	BIO 230 Human Anatomy & Physiology w/ lab
BIOL 120 Human Anatomy & Physiology II w/ lab	BIO 232 Human Anatomy & Physiology w/ lab
CHEM110 Introduction to Chemistry	INCHEM 100 Introduction to Chemistry <i>Credits for CHEM 110 will be accepted. This course meets the Chemistry requirement for the major.</i>
ENGL 210 Communications	IHCOMM 171 Public Speaking
PSYC 110 Introduction to Psychology	PSYCH 101 General Psychology
	Community Health Specialization Requirements
	HSLC 305 Epidemiology in Health Science
	Select one:
MATH 225 Probability & Statistics	<ul style="list-style-type: none"> MATH 141 Introductory Statistics MATH 142 Applied Statistics
	Behavior and Health Specialization Requirements
	Select one:
PSYC 210 Human Growth & Development	<ul style="list-style-type: none"> HLSC 318 Nutrition throughout Lifespan
PSYC 210 Human Growth & Development	<ul style="list-style-type: none"> PSYC 311 Child and Adolescent Psychology
PSYC 210 Human Growth & Development	<ul style="list-style-type: none"> PSYC 314 Adulthood and Aging
PSYC 235 Health Psychology	<ul style="list-style-type: none"> HLSC 330 Health Psychology
	<ul style="list-style-type: none"> PSYC 221 Social Psychology
	<ul style="list-style-type: none"> PSYC 242 Personality
	<ul style="list-style-type: none"> PSYC 253 Brain and Behavior
PSYC 215 Abnormal Psychology	<ul style="list-style-type: none"> 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

GBCC	KSC
	KSC Major Requirements
	Core Courses
HS 150 Introduction to Personal Fitness	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 may be considered if approved by the Admissions Committee.</p>
	Required for admission consideration
HS 150 Introduction to Personal Fitness	HLSC 101 Health and Wellness
BIOL 150 Nutrition	HLSC 125 Nutrition and the Profession
CHEM110 Introduction to Chemistry	INCHEM 103 Fundamentals of Chemistry <i>Credits for CHEM 110 will be accepted. This course meets the Chemistry requirement for the major.</i>
	Nutrition Option requirements
	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
BIOL 111 Human Anatomy & Physiology I w/ lab	BIO 230 Human Anatomy & Physiology I w/ lab
BIOL 120 Human Anatomy & Physiology II w/ lab	BIO 232 Human anatomy & Physiology II w/ lab
	BIO 240 Cell and Microbial Biology
CHEM110 Introduction to Chemistry	INCHEM 103 Fundamentals of Chemistry w/ lab <i>Credits for CHEM 110 will be accepted. This course meets the Chemistry requirement for the major.</i>
CHEM 200 Organic Chemistry	CHEM 220 Fundamental Organic Chemistry w/ lab
ENGL 210 Communications	IHCOMM 171 Public Speaking
PSYC 110 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

GBCC	KSC
	KSC Major Requirements
	Core Courses
	HLSC 101 Health and Wellness
	HLSC 285 Health in Society
	HLSC 380 Addiction: Theory, Research, and Practice
	HLSC 385 Behavior Change Facilitation
	HLSC 485 Health Promotion Practice
	Select one of the following:
	<ul style="list-style-type: none"> • HLSC 494 Health Science Capstone • HLSC 495 Seminar: Health Science Research
	Substance Abuse/Addictions Option
	Depending on the criteria of each state, the work in this Substance Abuse/Addictions program may be

	<p>applied toward becoming a licensed or certified alcohol and drug abuse counselor or prevention specialist.</p> <p>Admission Criteria: Overall GPA of 2.5, major GPA of 2.5, and a grade C or higher in HLSC 101 Health and Wellness is required. For transfer students, equivalent transferred courses may be considered if approved by Health Science faculty.</p>
	Substance Abuse/Addictions Requirements
	HLSC 200 Alcohol and Other Drugs: The Fundamentals
BIOL 150 Nutrition	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
ENGL 210 Communications	IHCOMM 171 Public Speaking
PSYC 110 Introduction to Psychology	PSYC 101 General Psychology
BIOL 111 Human Anatomy & Physiology I w/ lab	BIO 230 Human Anatomy & Physiology I w/ lab
BIOL 120 Human Anatomy & Physiology II w/ lab	BIO 232 Human Anatomy & Physiology II w/ lab
CHEM110 Introduction to Chemistry	INCHEM 100 Introduction to Chemistry

BS Mathematics – Physics --- Engineering Transfer Program

These programs prepare students to transfer to engineering schools after completing integrative studies requirements and foundation courses in mathematics, physics, chemistry, and computer science at Keene State College. Students are given personal advising and assistance in placement at the engineering school of their choice. The College at present has transfer agreements at the University of New Hampshire and Clarkson University, as well as individual transfer arrangements with engineering schools in New England and New York State. In 3+2 programs, students are encouraged to complete certain engineering science introductory courses at the engineering school during the summer following their sophomore year.

3+2 Program

Students spend three years at Keene State and two years in engineering school and receive a BS in Math–Physics from Keene State College and an appropriate BS in Engineering. Keene State has a formal 3+2 transfer agreement with Clarkson University in Potsdam, New York. Students who wish to continue receiving Financial Aid must postpone graduation from Keene State until all requirements are fulfilled at both institutions.

GBCC	KSC
MATH 230 Calculus I	MATH 151 Calculus I
MATH 250 Calculus II	MATH 152 Calculus II
	MATH 251 Vector Calculus
	MATH 231 Linear Algebra and Differential Equations
PHYS 290 University Physics I	INPHYS 241 University Physics I
PHYS 295 University Physics II	PHYS 242 University Physics II
	PHYS 260 Electronics
	PHYS electives (300 level or higher)
CIS 148 Introduction to Java Programming	CS 140 Computer Programming I

BS Mathematics – Physics

This interdisciplinary program provides sufficient groundwork in both mathematics and physics for employment in industry, the commercial sector, or further study in graduate school. Students who are interested in an engineering degree may elect this program, complete major requirements over three years, transfer to an engineering school of choice, and be awarded both the B.S. in Mathematics-Physics from Keene State and the appropriate engineering bachelor's degree.

GBCC	KSC
	Major Requirements
MATH 230 Calculus I	MATH 151 Calculus I
MATH 250 Calculus II	MATH 152 Calculus II
	MATH 251 Vector Calculus
	MATH 231 Linear Algebra And Differential Equations
	MATH 361 Differential Equations
PHYS 290 University Physics I	INPHYS 241 University Physics I
PHYS 295 University Physics II	PHYS 242 University Physics II
	PHYS 260 Electronics
	PHYS 342 Modern Physics
	PHYS electives (8 credits, 300 level or higher)
	Related Fields
CIS 112 Programming Logic	CS 140 Computer Programming
CHEM 115 General Chemistry I	INCHEM 111 General Chemistry I
CHEM 116 General Chemistry II	CHEM 112 General Chemistry II

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:

Criteria for admission into Exercise Science degree program

- 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

GBCC	KSC
	Allied Requirements
CHEM 110 Introduction to Chemistry	INCHEM 100 OR INCHEM 103 OR INCHEM 111
BIOL 110 Human Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology I
BIOL 120 Human anatomy & Physiology II	BIO 232 Human Anatomy & Physiology II
PSYC 110 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)
MASS 130 Kinesiology I MASS 230 Kinesiology II	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

PSYC 235 Health Psychology	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

SCOPE OF THE AGREEMENT

This Agreement and its Appendices contain 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.

KEENE STATE COLLEGE


By: 
Dr. Helen Giles-Gee
Title: President

Date: 6/14/12

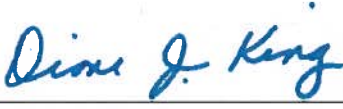
By: 
Melinda D. Treadwell
Title: Provost and Vice President of Academic Affairs

Date: June 14, 2012

GREAT BAY COMMUNITY COLLEGE

By: 
Wildolfo Arvelo
Title: President

Date: April 12, 2012

By: 
Diane J. King
Title: Vice President, Academic Affairs

Date: April 12, 2012