

ARTICULATION AGREEMENT BETWEEN KEENE STATE COLLEGE AND MANCHESTER 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 Manchester Community College (MCC) 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 Manchester Community College will be admitted to Keene State College with junior status. Courses at Manchester 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 Manchester 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 Manchester Community College students who complete Associate degrees in:

- AAS Graphic Design
- AA Fine Arts
- AS Computer Science
- AAS Early Childhood Education
- AA Liberal Arts/Education
- AA Liberal Arts/Business
- AS Management
- AS Marketing

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

- an Associate Degree of Applied Science in Graphic Design at Manchester Community College may transfer credits into a Baccalaureate degree of Arts in Art: Graphic Design Option at Keene State College (Appendix A)

- an Associate Degree of Arts in Fine Arts at Manchester Community College may transfer credits into a Baccalaureate degree of Arts in Art: Studio Art Option at Keene State College (Appendix B)
- an Associate Degree of Science in Computer Science at Manchester Community College may transfer credits into a Baccalaureate degree of Science in Applied Computer Science at Keene State College (Appendix C)
- an Associate degree of Applied Science in Early Childhood Education at Manchester Community College may transfer credits into a Baccalaureate degree of Science in Education: Early Childhood Development at Keene State College (Appendix D)
- an Associate degree of Arts in Liberal Arts/Education at Manchester Community College may transfer credits into a Baccalaureate degree of Science in Education: Elementary Education at Keene State College (Appendix E)
- an Associate degree of Arts in Liberal Arts/Business at Manchester Community College may transfer credits into a Baccalaureate degree of Science in Management at Keene State College (Appendix F)
- an Associate degree of Science in Management at Manchester Community College may transfer credits into a Baccalaureate degree of Science in Management at Keene State College (Appendix G)
- an Associate degree of Science in Marketing at Manchester Community College may transfer credits into a Baccalaureate degree of Science in Management at Keene State College (Appendix H)

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

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

JOINT RESPONSIBILITIES

To the extent possible, Manchester Community College and Keene State College will publicize this Agreement and collaborate in joint marketing efforts. Manchester 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 Manchester 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. Either party may terminate it by giving notice in writing to the other party at least twelve (12) months prior to the date of termination.

PROGRAM OVERSIGHT

Graphic Design

The Manchester Community College Associate Degree in Graphic Design is administered by the chair of the department Joanne Jagodowski and program coordinator, Marcia Gardner and supervised by the Vice President for Academic Affairs (Mary Scerra). The Keene State College Baccalaureate in Art: Graphic Design Option is administered by the chair of the department (Robert Kostick) and supervised by the Dean of Arts and Humanities.

Fine Arts

The Manchester Community College Associate Degree in Fine Arts is administered by the chair of the department (Joanne Jagodowski and Marcia Gardner) and supervised by the Vice President for Academic Affairs (Mary Scerra). The Keene State College Baccalaureate in Art: Studio Art Option is administered by the chair of the department (Robert Kostick) and supervised by the Dean of Arts and Humanities.

Early Childhood Education

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

Liberal Arts Education

The Manchester Community College Associate Degree in Liberal Arts Education is administered by the chair of the department (Jan Caron and supervised by the Vice President for Academic Affairs (Mary Scerra). 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.

Computer Science

The Manchester Community College Associate Degree in Computer Science is administered by the program coordinator (David Rovelto) and supervised by the Vice President for Academic Affairs (Mary Scerra). 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.

Management

The Manchester Community College Associate Degree in Management is administered by the chair of the department (Michael Magoon) and supervised by the Vice President for Academic Affairs (Mary Scerra). 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

The Manchester Community College Associate Degree in Liberal Arts: Business is administered by the chair of the department (Michael Magoon) and supervised by Vice President for Academic Affairs (Mary Scerra). 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 Manchester Community College Associate Degree in Marketing is administered by the chair of the department (Michael Magoon) and supervised by Vice President for Academic Affairs (Mary Scerra). The Keene State College Baccalaureate in Management is administered by the chair of the department (Linda Hadden) 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 Graphic Design to BA Art: Graphic Design option

AA Graphic Design	http://www.manchestercommunitycollege.edu/academics/programs/graphic-design	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>

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

MCC	KSC
	Foundation Core
GDES 114 Two Dimensional Design for Graphic Arts	ART 101 Foundations of Design or IAART 100
ARTS 117 Art History I	ART 111 Introduction to Art History or IAART 110
ARTS 123 Drawing I	ART 125 Drawing I or IAART 120
	<i>Graphic Design Art Option</i>
	100-level course
GDES 111 Electronic Publishing I GDES 122 Computer Illustration	ART 151 Technology Workshop
	200-level courses
	ART 250 Graphic Design I
	ART 253 Digital Imaging I
GDES 124 Typography	ART 258 Typography I
	300-level courses
	ART 350 Graphic Design II
GDES 235 Web Design	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 459 Graphic Design Portfolio

APPENDIX B

AA Fine Arts to BA Art: Studio Art option

AA Fine Arts	http://www.manchestercommunitycollege.edu/academics/programs/fine-arts	BA Art: Studio Art 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>

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

MCC	KSC
	Foundation Core
GDES 114 Two Dimensional Design for Graphic Design	ART 101 Foundations of Design or IAART 100
ARTS 117 Art History I	ART 111 Introduction to Art History or IAART 110
ARTS 123 Drawing I	ART 125 Drawing I or IAART 120
	Studio Art Option
	200-level courses
	ART 208 Ceramics I
ARTS 223 Drawing II	ART 225 Drawing II
	ART 226 Painting I
	ART 244 Sculpture I
	ART 295 Sophomore Studio/Exhibit Practice
	Select one of the following:
	<ul style="list-style-type: none"> • ART 211 Ancient Art • ART 212 Medieval Art • ART 213 Renaissance Art
ARTS 127 Art History II	<ul style="list-style-type: none"> • ART 214 Modern Art • ART 290 Topics in Art History • ART 492 Art History Seminar
	300-level courses
	ART 333 Printmaking I
	Select one of the following:
	<ul style="list-style-type: none"> • ART 308 Ceramics II • ART 325 Drawing III • ART 326 Painting II • ART 334 Printmaking II • ART 344 Sculpture II
	400-level courses
	ART 495 Senior Studio/ Exhibit practice
	Select one of the following:
	<ul style="list-style-type: none"> • ART 408 Ceramics III • ART 426 Painting III • ART 434 Printmaking III • ART 444 Sculpture III • ART 490 Advanced Studio Topics

APPENDIX C

AS Computer Science to BS Applied Computer Science

AS Computer Science	http://www.manchestercommunitycollege.edu/academics/programs/computer-science	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.

MCC	KSC
AS Computer Science	KSC Major Requirements
	Core Courses
MATH 170 Discrete Mathematics AND MATH 202 Probability and Statistics	MATH 135 Mathematical Foundations for CS
CIS 148 JAVA Programming	CS 140 Computer programming I
	Select one of the following:
CIS 124 Web Programming I	<ul style="list-style-type: none"> CS 150 Web Page Construction
CIS 111 Foundations of Computer Technologies	<ul style="list-style-type: none"> CS 160 Microcomputer Systems
CIS 220 Object-Oriented Programming	CS 185 Computer Programming II
CIS 210 Data Structures and Elementary Algorithms	CS 280 Data Structures and Algorithms
	Architecture and Programming Electives
	Choose one of the following:
CIS 146 Linux	<ul style="list-style-type: none"> CS 210 Midrange Systems CS 215 Unix System Admin CS 265 Computer Architecture CS 367 Command Language Programming
	Choose one of the following:
	<ul style="list-style-type: none"> CS 205 User Interface and Visual Programming CS 220 COBOL Programming 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
	CS 340 Internet Programming
	CS 350 Systems Analysis and Project Management
CIS 116 Computer Networking CIS 129 Network Security	CS 355 Telecom and Computer Networks
	CS 360 Database Systems
	CS 367 Command Language Programming
	CS 375 Software Engineering
	CS 410 Advanced Software Development
	CS 420 E-Commerce Development
	CS 430 Study of Programming Languages
	CS 440 Software Engineering Project
	CS 460 Data Warehousing and Mining
	CS 462 DBS Project and Advanced SQL
	CS 485 Strategic Information Management
	CS 490 Advanced Special topics
	CS 495 Seminar
	CS 498 Independent Study
	Practical Experience
	Choose one:
	<ul style="list-style-type: none"> • CS 293 Supervised Field Experience • CS 493 Advanced Supervised Field Experience

****updated July 2018****

APPENDIX D

AS Early Childhood Education to BS Education: Early Childhood Education

AS Early Childhood Education http://www.manchestercommunitycollege.edu/academics/programs/early-childhood-education	BS Education: Early Childhood Development http://www.keene.edu/catalog/programs/detail/education-bs/#P6
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Early Childhood Dept Head: Carrie Marshall-Gross

KSC Education Department, Chair: Dr. Ellen Nuffer

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

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

Criteria for Continued Progress in the Major

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

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

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

Fees

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

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

Degree Requirements:

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

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

MINORS: Arts, Culture and Education

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

MINOR: Mason Library
Information Studies

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

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

I. Foundations (8 credits)

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

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

-Courses must be taken in three different disciplines.

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

III. Three courses in the Sciences (12 credits)

-Courses must be taken in three different disciplines.

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

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

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

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

Option Requirements:

32 credits

[EDUC 111](#) Issues in Early Childhood

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

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

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

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

[EDUC 412](#) Administration & Leadership

Select Specialization 1 or 2

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

12 credits

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

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

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

20 credits

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

[MATH 171](#) Structure of Number Systems

[EDUC 205](#) Literacy in Diverse Classrooms

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

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

Proposed Course Equivalencies

Manchester CC major requirements	KSC EC major requirements
ECE 104 Foundations of ECE	EDUC 111 Issues in Early Childhood
NO EQUIVALENT	MATH 171
ECE 100 EC Growth & Development ECE 201 Children/special needs	EDSP 202 Dev, except, learning
ECE 210 Child, family, community ECE 204 Infants and toddlers	EDUC 211 Infant, toddler, families
NO EQUIVALENT	EDUC 205 Literacy
ECE 106M Curriculum: Literacy and Arts ECE 111 or 112 Practicum Elective ECE 116 Child Health, Safety, Nutrition ECE 200 ECE Curriculum: Math, Science & Creative Thinking ECE 202M Student Teaching Practicum ECE 212 Professional Practicum ECE 214 Dev. App. Guidance	EDUC 314 Practicum I* *based on candidate having a B average in ECE courses and presentation of portfolio documents to EC program coordinator*
	No substitution beyond this level.

MCC General Education	KSC ISP program
ENGL 110 College Comp	ITW
MATH 141, MATH 171, MATH 202M	QL: MATH 120, MATH 130, MATH 141
HUMA	IA
English elective	IHENG (Children's Lit)
PHIL 240 Ethics	IH/IA
Science elective	IN
PSYC110 Intro to psych	IS
SCIENCE/SOCIAL SCIENCE	IN/IS
NO EQUIVALENT	II
Foreign Lang/Humanities elective	ISP elective
NO EQUIVALENT	2 upper level – II plus one more in IN/IS area

Agreement for full AS into BS articulation:

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

APPENDIX E

AA Liberal Arts/Education to BS Education: Elementary

AA Liberal Arts/Education	http://www.manchestercommunitycollege.edu/academics/programs/liberal-arts-education	BS Education: Elementary Education
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Education Dept Chair: Jan Caron 209 206-8045 jcaron@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

MCC	KSC
EDU 104 Foundations of Education	EDUC 100 Issues in Education
SOC 250 Multiculturalism	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 F

AA Liberal Arts/Business to BS Management

AA Liberal Arts/Business	http://www.manchestercommunitycollege.edu/academics/programs/liberal-arts-business	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.

MCC	KSC
AA Liberal Arts/Business	KSC Major Requirements
BUS 114 Management	MGT 101 Introduction to Management
MATH 202 Probability and Statistics	MGT 202 Quantitative Decision Making
ACCT 113 Accounting and Financial Reporting I ACCT 123 Accounting and Financial Reporting II	MGT 213 Financial Accounting
ACCT 105 Managerial Accounting	MGT 214 Managerial Accounting
	MGT 301 Organizational Theory and Behavior
BUS 221 Business Finance	MGT 319 Financial Management <i>**Credits will be applied to the degree, but in addition students must complete MGT 306 Personal Financial Planning</i>
MKTG 125 Principles of Marketing: A Global Perspective	MGT 331 Principles of Marketing <i>**Credits will be applied to the degree, but in addition students must complete MGT 434 Marketing Research OR MGT 333 Advertising & Promotion</i>
	MGT 381 Management Information Systems
	MGT 451 Social, Legal, and Political Environment of Business
	MGT 491 Business Policy and Strategy
	MGT electives (4 credits at 300 or 400 level)
	Allied Discipline Requirements
ENGL 113 Oral Communications	IH COMM 171 Public Speaking
CIS 110 MIS Computer Applications I	CS 101 Introduction to Computer Information Processing
ECON 134 Macroeconomics	ISECON 104 Introduction to Macroeconomics
ECON 135 Microeconomics	ECON 103 Introduction to Microeconomics

APPENDIX G

AS Management to BS Management

AS Management	http://www.manchestercommunitycollege.edu/academics/programs/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.

MCC	KSC
AA Liberal Arts/Business	KSC Major Requirements
BUS 114 Management	MGT 101 Introduction to Management
MATH 202 Probability and Statistics	MGT 202 Quantitative Decision Making
ACCT 113 Accounting and Financial Reporting I	MGT 213 Financial Accounting

ACCT 123 Accounting and Financial Reporting II	
ACCT 105 Managerial Accounting	MGT 214 Managerial Accounting
	MGT 301 Organizational Theory and Behavior
BUS 221 Business Finance	MGT 319 Financial Management <i>**Credits will be applied to the degree, but in addition students must complete MGT 306 Personal Financial Planning</i>
MKTG 125 Principles of Marketing: A Global Perspective	MGT 331 Principles of Marketing <i>**Credits will be applied to the degree, but in addition students must complete MGT 434 Marketing Research OR MGT 333 Advertising & Promotion</i>
	MGT 381 Management Information Systems
	MGT 451 Social, Legal, and Political Environment of Business
	MGT 491 Business Policy and Strategy
	MGT electives (4 credits at 300 or 400 level)
	Allied Discipline Requirements
ENGL 113 Oral Communications	IH COMM 171 Public Speaking
CIS 110 MIS Computer Applications I	CS 101 Introduction to Computer Information Processing
ECON 134 Macroeconomics	ISECON 104 Introduction to Macroeconomics
ECON 135 Microeconomics	ECON 103 Introduction to Microeconomics

APPENDIX H

AS Marketing to BS Management

AS Marketing	http://www.manchestercommunitycollege.edu/academics/programs/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.

MCC	KSC
AA Liberal Arts/Business	KSC Major Requirements
BUS 114 Management	MGT 101 Introduction to Management
MATH 202 Probability and Statistics	MGT 202 Quantitative Decision Making
ACCT 113 Accounting and Financial Reporting I ACCT 123 Accounting and Financial Reporting II	MGT 213 Financial Accounting
ACCT 105 Managerial Accounting	MGT 214 Managerial Accounting
	MGT 301 Organizational Theory and Behavior
BUS 221 Business Finance	MGT 319 Financial Management <i>**Credits will be applied to the degree, but in addition students must complete MGT 306 Personal Financial Planning</i>
MKTG 125 Principles of Marketing: A Global Perspective	MGT 331 Principles of Marketing <i>**Credits will be applied to the degree, but in addition students must complete MGT 434</i>

	<i>Marketing Research OR MGT 333 Advertising & Promotion</i>
	MGT 381 Management Information Systems
	MGT 451 Social, Legal, and Political Environment of Business
	MGT 491 Business Policy and Strategy
	MGT electives (4 credits at 300 or 400 level)
	Allied Discipline Requirements
ENGL 113 Oral Communications	IH COMM 171 Public Speaking
CIS 110 MIS Computer Applications I	CS 101 Introduction to Computer Information Processing
ECON 134 Macroeconomics	ISECON 104 Introduction to Macroeconomics
ECON 135 Microeconomics	ECON 103 Introduction to Microeconomics

APPENDIX I - General Education and Integrative Studies Program Equivalencies

Manchester Community College - Total credits in General Education core area = 21-24 credits

KSC ISP

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

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

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

MCC General Education	KSC ISP
ENGL 110	ITW 101
MATH 131, 135, 141, 202	IQL 101
Any ARTS, ENGL 213, HUMA 105, 112, 113, 114, 117, 127, 130 and CDI 114	IA (minimum 4 credits [one course], maximum 8 credits [2 courses] to meet ISP requirements)
Any ENGL except 097, 098, 099, 110, 213 Any FREN, GERM or SPAN Any HIST or PHIL and HUMA 126, 200, 205, 210, 220	IH (minimum 8 credits [2 courses] maximum 12credits [3 courses] to meet ISP requirements , in two different disciplines)
Any BIO except 041, 090, 150 Any PHYS, Any ESCI and AH 115, CHEM 115	IN (minimum 8 credits [2 courses] to meet ISP requirements in two different disciplines)
Any ECON, GEOG 110, HUMS 213, 214, 215, 220 Any POL, Any PSYC except 105 Any SOC except 105	IS (minimum 8 credits [2 courses] to meet ISP requirements in two different disciplines)
AMER 110	II (minimum 4 credits [1 course] to meet ISP requirements)

APPENDIX J

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

MCC	KSC
	KSC Major Requirements
	Core Courses
	IIAMST 210 Introduction to American Studies
	IIAMST 250 Interpreting American Cultures
	AMST 350 Perspectives on American Culture
	AMST 495 Seminar
	Select one of the following:
	<ul style="list-style-type: none"> • AMST 390 Critical Approaches • AMST 490 Advanced Special Topics
	Area Courses
	Select two courses from American History:
HIST 202 United States History to 1870	<ul style="list-style-type: none"> • HIST 261 US Social History I: 1603-1865 • HIST 265 Military in US Society I • HIST 266 Military in US Society II • HIST 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 19th Century America • HIST 365 Gilded Age and Progressive Era America • HIST 366 US in Crisis: 1920-1950 • HIST 367 Modern America: 1950-Present
	Select one course in American literature:
	<ul style="list-style-type: none"> • ENG 280 Cultural Studies • ENG 341 Early American Literature

	<ul style="list-style-type: none"> • ENG 344 Studies in American Literature
	<ul style="list-style-type: none"> • ENG 345 Studies in African-American Literature
	<ul style="list-style-type: none"> • ENG 346 Transcendentalism
	<ul style="list-style-type: none"> • ENG 347 Modern American Indian Literature
	<ul style="list-style-type: none"> • ENG 370 Studies in Literature of the Americas
	Select two courses from Arts & Humanities and/or Social Sciences
ARTS 217 Art History II	<ul style="list-style-type: none"> • ART 214 Modern Art
	<ul style="list-style-type: none"> • IHAMST 248 Cultures of Plains Indians
	<ul style="list-style-type: none"> • ECON 455 US Economic History
ENGL 220 American Literature	<ul style="list-style-type: none"> • IHENG 240 Readings in American Literature
	<ul style="list-style-type: none"> • IENG 245 African American Literature and Culture
	<ul style="list-style-type: none"> • IIFR 240 Franco-American Women's Voices
	<ul style="list-style-type: none"> • IAMU 112 Latin American Music
HUMA 106 History of American Popular Music	<ul style="list-style-type: none"> • IAMU 216 History of Rock and Roll
	<ul style="list-style-type: none"> • MU 218 History of Jazz
	<ul style="list-style-type: none"> • IAMU 242 Listening to America
	<ul style="list-style-type: none"> • PHIL 304 American Philosophy
POL 110 American Government	<ul style="list-style-type: none"> • ISPOSC 210 US Politics
	<ul style="list-style-type: none"> • ISPOSC 211 US: State and Local Politics
	<ul style="list-style-type: none"> • POSC 316 Constitutional Law
	<ul style="list-style-type: none"> • POSC 321 Foreign Policy and Globalization
	<ul style="list-style-type: none"> • CJS 101 Introduction to Criminal Justice
SOC 210 Changing American Family	<ul style="list-style-type: none"> • SOC 345 Sociology of Families
	<ul style="list-style-type: none"> • SOC 270 Urban Society
	<ul style="list-style-type: none"> • SOC 472 Sociology of Health and Medicine
	<ul style="list-style-type: none"> • SOC 475 Social Stratification
	<ul style="list-style-type: none"> • SP 330 Latinos in the United States

BA 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

MCC	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
ESCI 111 Meteorology	INMET 225 Meteorology
CHEM 115 General Chemistry I	INCHEM 111 General Chemistry I & Lab
	CHEM 112 General Chemistry II & Lab
PHYS 135 College Physics I	INPHYS 141 College Physics I
	BIO 111 Evolution
MATH 202 Probability and Statistics	MATH 141 Statistics
	Select one of the following:
	<ul style="list-style-type: none"> • INASTR 107 Introduction to Astronomy • ASTR 307 University Astronomy
	Select one of the following:
MATH 135 Numerical Algebra and Trig MATH 171 Pre-calculus MATH 204 Calculus	<ul style="list-style-type: none"> • MATH 120 Applied Algebra and Trigonometry • MATH 130 Precalculus • MATH 151 Calculus I

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.

MCC	KSC
	KSC Major Requirements
	Core Courses
HUMA 150 Critical Thinking	IHPHIL 100 Logical Argumentation
	Select one of the following:
MATH 202 Probability and Statistics	MATH 141 Introductory Statistics
	PSYC 251 Psychological Statistics
ECON 135 Microeconomics	ECON 103 Introduction to Microeconomics
ECON 134 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
ECON 136 International Economics	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.

MCC	KSC
	Major Requirements
	INASTR 101 Introduction to Astronomy
	BIO 110 Molecules and Cells
	BIO 111 Evolution
	INGEOL 151 Physical Geology
	GEOL 206 Oceanography
ESCI 111 Meteorology	INMET 225 Meteorology
	Select one course:
MATH 135 Numerical Algebra and Trig	MATH 120 Applied Algebra and Trigonometry
MATH 171 Pre-calculus	MATH 130 Precalculus
MATH 204 Calculus I	MATH 151 Calculus I
	Bachelor of Arts Requirements
MATH 202 Probability and Statistics	MATH 141 Introductory Statistics
	BIO 210 Ecology
CHEM 115 General Chemistry I	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
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 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*

MCC	KSC
	Major Requirements
	INASTR 101 Introduction to Astronomy
	BIO 110 Molecules and Cells
	BIO 111 Evolution
	INGEOL 151 Physical Geology
	GEOL 206 Oceanography
ESCI 111 Meteorology	INMET 225 Meteorology
	Select one course:
MATH 135 Numerical Algebra and Trig MATH 171 Pre-calculus MATH 204 Calculus I	MATH 120 Applied Algebra and Trigonometry MATH 130 Precalculus MATH 151 Calculus I
	Elementary or Early Childhood Option
CHEM 115 General Chemistry I	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, 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:

- U.S. 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 please find listings of MCC courses which match available KSC courses:

MCC	KSC
HIST 120 Western Civilization through 1500, or HIST 130 Western Civilization -1500 to the Present	Meets the 4 credit 100-level requirement. <i>Equivalent to HIST 141 Western Civilization - Origins to 1500 & HIST 142 Western Civilization – 1500 to the Present</i>
HIST 202 United States History through 1870	HIST 261 US Social History
HIST 203 Topics in History	HIST 290 Special Topics
HIST204 - United States History - 1870 to the Present	HIST 262 US Social History II

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.

MCC	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 118 Theories of Personality	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 220 Adult Development	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.

MCC	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 Change SOC 135 Women’s Studies SOC 210 Changing American Family SOC 205 Multiculturalism	12 credits in sociology electives must be taken. Four credit hours of Anthropology courses can be used to satisfy this requirement

BS Biology

The B.S. 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.

MCC	KSC
	KSC Major Requirements
BIOL 108 Biology I	BIO 110 Molecules and Cells
	BIO 111 Evolution
ESC 110 Earth Science ESC 115 Contemporary Issues in Ecology	BIO 210 Ecology
BIOL 201 Principles of Genetics	BIO 211 Genetics

	BIO 212 Cells and Physiology
	BIO 495 Senior Seminar
	Related Math or Science Courses
CHEM 115 General Chemistry	INCHEM 111 General Chemistry I
	CHEM 112 General Chemistry II
	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 202 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 BIO 334 Vertebrate Zoology BIO 335 Ornithology
	Plant and Microbial Diversity
	<ul style="list-style-type: none"> BIO 363 Plant Biology BIO 365 Plant Evolution BIO 367 Microbial Diversity
	Ecology and Evolution
	<ul style="list-style-type: none"> BIO 343 Ecosystem Ecology BIO 345 Animal Behavior BIO 347 Plant Physiological Ecology BIO 349 Population Genetics
	Cell/molecular/physiology
	<ul style="list-style-type: none"> BIO 371 Ecophysiology BIO 373 Neuroethology BIO 375 Biochemistry BIO 376 Molecular Biology BIO 377 Immunology BIO 379 Comparative Animal Physiology
BIOL 111 Anatomy & Physiology of Domestic Animals I BIO 121 Anatomy & Physiology of Domestic Animals II	
	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 and 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 B.S. in Chemistry should serve as a general preparation for a professional scientist. The major was designed according to guidelines from the American Chemical Society (ACS) to be rigorous, yet flexible enough to allow for preparation for immediate employment, graduate study, or work in an allied profession.

MCC	KSC
	Integrative Studies Requirements
CHEM 115 General Chemistry I	INCHEM 111 General Chemistry I
	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 202 Probability and Statistics	MATH 141 Introductory Statistics
MATH 204 Calculus I	MATH 151 Calculus I
MATH 214 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
	INPHYS 241 University Physics I and PHYS 242 University Physics II
BIOL 101 General Concepts in Biology	BIO 110 Molecules and Cells

BS Education: Secondary

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.

MCC	KSC
EDU 104 Foundations of Education	EDUC 100 Issues in Education
	EDUC 231 Curriculum for a Diverse World
	EDUC 331 Secondary Methods I
EDU 215 Behavioral Challenges in the Classroom	EDUC 332 Secondary Classroom Management
EDU 101 Introduction to Exceptionalities EDU 225 Curriculum Planning and Implementation for Children With Unique Learning Characteristics	EDSP 333 Secondary Special Education Issues
	EDUC 431 Secondary Methods
	EDUC 432 Education Theories/Trends
	EDUC 400 Student Teaching

BS 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.

MCC	KSC
	Major Requirements
	Complete a minimum of 10 courses
	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
	<ul style="list-style-type: none"> • ENG 323 Medieval Literature
	<ul style="list-style-type: none"> • ENG 324 Chaucer
	<ul style="list-style-type: none"> • ENG 341 Early American Literature
	<ul style="list-style-type: none"> • ENG 326 English Renaissance Literature
	<ul style="list-style-type: none"> • ENG 327 Shakespeare: Poetry and Plays
	Courses that meet the Differing Cultural Perspectives requirement:
	<ul style="list-style-type: none"> • IHAMST 248 Cultures of Northern Plains Indians
	<ul style="list-style-type: none"> • IIENG 245 Readings in African American Literature and Culture
	<ul style="list-style-type: none"> • IHENG 252 Literature of the Holocaust
	<ul style="list-style-type: none"> • ENG 345 Studies in African American Literature
	<ul style="list-style-type: none"> • ENG 347 Modern American Indian Literature
	<ul style="list-style-type: none"> • ENG 370 Studies in Literatures of the Americas
	When appropriate, the following may fulfill either the pre-1800 literature or Differing Cultural Perspectives requirement:
ENGL 225 Shakespeare	<ul style="list-style-type: none"> • IHENG 220 Readings in British Literature
ENGL 220 American Literature	<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 220 American Literature	<ul style="list-style-type: none"> • ENG 290 Topics
OR	
ENGL 225 Shakespeare	
	<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

BS English: Writing option

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

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

MCC	KSC
	Major Requirements
	Complete a minimum of 10 courses
	<ul style="list-style-type: none"> Choose one course from:
ENGL 213 Creative Writing	IAENG 204 Creative Writing
ENGL 214 Creative Nonfiction	ENG 202 Creative Nonfiction Writing
	ENG 208 Topics in Writing
	<ul style="list-style-type: none"> Also required:
	ENG 215 Literary Analysis
	ENG 315 Literary Form and History
	ENG 402 Theory and Practice
	ENG 405 Writing Portfolio
	Three ENG electives at the 300 or 400 level, including one pre-1800 literature and one Differing Cultural Perspectives course.
	<ul style="list-style-type: none"> Choose two additional writing courses at the 300 or 400 level (other than ENG 405)
	ENG 301 Fiction Workshop
	ENG 302 Poetry Workshop
	ENG 303 Nonfiction Workshop
	ENG 306 Autobiography Workshop
	ENG 308 Advanced Topics in Writing
	ENG 497 Writing/Publishing Workshop
	Courses that meet the pre1800 requirement:
	<ul style="list-style-type: none"> ENG 321 English Literature: Beginnings to 18th Century
	<ul style="list-style-type: none"> ENG 323 Medieval Literature
	<ul style="list-style-type: none"> ENG 324 Chaucer
	<ul style="list-style-type: none"> ENG 341 Early American Literature
	<ul style="list-style-type: none"> ENG 326 English Renaissance Literature
	<ul style="list-style-type: none"> ENG 327 Shakespeare: Poetry and Plays
	Courses that meet the Differing Cultural Perspectives requirement:
	<ul style="list-style-type: none"> IHAMST 248 Cultures of Northern Plains Indians
	<ul style="list-style-type: none"> IIENG 245 Readings in African American Literature and Culture
	<ul style="list-style-type: none"> IHENG 252 Literature of the Holocaust
	<ul style="list-style-type: none"> ENG 345 Studies in African American Literature
	<ul style="list-style-type: none"> ENG 347 Modern American Indian Literature
	<ul style="list-style-type: none"> ENG 370 Studies in Literatures of the Americas
	When appropriate, the following may fulfill either the pre-1800 literature or Differing Cultural Perspectives requirement:

ENGL 225 Shakespeare <i>Fulfills pre-1800 literature requirement</i>	<ul style="list-style-type: none"> • IHENG 220 Readings in British Literature
	<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
	<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

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

MCC	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 Health. Students select one of the specializations and</i>

	<i>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 110 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
CHEM 115 General Chemistry	INCHEM 100 Introduction to Chemistry <i>Credits for CHEM 115 will be accepted. This course meets the Chemistry requirement for the major.</i>
ENGL113 Oral 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 202 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 220 Adult Development	<ul style="list-style-type: none"> • PSYC 314 Adulthood and Aging
PSYC Health Psychology	<ul style="list-style-type: none"> • HLSC 330 Health Psychology
	<ul style="list-style-type: none"> • PSYC 221 Social Psychology
PSYC 118 Theories of Personality	<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

MCC	KSC
	KSC Major Requirements
	Core Courses
	HLSC 101 Health and Wellness
	HLSC 285 Health in Society
	HLSC 380 Addiction: Theory, Research, and Practice
	HLSC 385 Behavior Change Facilitation
	HLSC 485 Health Promotion Practice
	Select one of the following:
	<ul style="list-style-type: none"> HLSC 494 Health Science Capstone HLSC 495 seminar: Health Science Research
	Nutrition Option
	<p><i>This option provides the basic academic preparation necessary to become a registered dietitian (RD). Students must have an overall GPA of 2.8. After completion of the following courses with an average of B or higher (3.0), students interested in pursuing the Nutrition option must submit an application for permanent admission to the Health Science Nutrition option:</i></p> <ul style="list-style-type: none"> HLSC 101 Health and Wellness HLSC 125 Nutrition and the Profession INCHEM 103 Fundamentals of Chemistry <p>For transfer students, equivalent transferred courses may be considered if approved by the Admissions Committee.</p>
	Required for admission consideration
	HLSC 101 Health and Wellness
BIOL 150 Nutrition	HLSC 125 Nutrition and the Profession
CHEM 115 General Chemistry	INCHEM 103 Fundamentals of Chemistry <i>Credits for CHEM 115 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 110 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
CHEM 115 General Chemistry	INCHEM 103 Fundamentals of Chemistry w/ lab <i>Credits for CHEM 115 will be accepted. This course meets the Chemistry requirement for the major.</i>
	CHEM 220 Fundamental Organic Chemistry w/ lab
ENGL113 Oral 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

MCC	KSC
	KSC Major Requirements
	Core Courses
	HLSC 101 Health and Wellness
	HLSC 285 Health in Society
	HLSC 380 Addiction: Theory, Research, and Practice
	HLSC 385 Behavior Change Facilitation
	HLSC 485 Health Promotion Practice
	Select one of the following:
	<ul style="list-style-type: none"> • HLSC 494 Health Science Capstone • HLSC 495 Seminar: Health Science Research
	Substance Abuse/Addictions Option
	<p>Depending on the criteria of each state, the work in this Substance Abuse/Addictions program may be applied toward becoming a licensed or certified alcohol and drug abuse counselor or prevention specialist.</p> <p>Admission Criteria: Overall GPA of 2.5, major GPA of 2.5, and a grade C or higher in HLSC 101 Health and Wellness is required. For transfer students,</p>

	equivalent transferred courses may be considered if approved by Health Science faculty.
	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
ENGL113 Oral Communications	IHCOMM 171 Public Speaking
PSYC 110 Introduction to Psychology	PSYC 101 General Psychology
BIOL 110 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
CHEM 115 General Chemistry	INCHEM 100 Introduction to Chemistry <i>Credits for CHEM 115 will be accepted. This course meets the Chemistry requirement for the major.</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.

MCC	KSC
	Major Requirements
MATH 204 Calculus I	MATH 151 Calculus I
MATH 214 Calculus II	MATH 152 Calculus II
	MATH 251 Vector Calculus
	MATH 231 Linear Algebra And Differential Equations
	MATH 361 Differential Equations
	INPHYS 241 University Physics I
	PHYS 242 University Physics II
	PHYS 260 Electronics
	PHYS 342 Modern Physics
	PHYS electives (8 credits, 300 level or higher)
	Related Fields
CIS 118 Visual Basic .NET Programming	CS 140 Computer Programming
CHEM 115 General Chemistry I	INCHEM 111 General Chemistry I
	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

MCC	KSC
	Allied Requirements
CHEM 115 General Chemistry I	INCHEM 100 OR INCHEM 103 OR INCHEM 111 <i>Credits for CHEM 115 will be accepted. This course meets the Chemistry requirement for the major.</i>
BIOL 110 Human Anatomy & Physiology I	BIO 230 Human Anatomy & Physiology I
BIOL 111 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)
EXER 230 Kinesiology	PE 200 Applied Kinesiology
EXER 113 Physiology of Exercise	PE 201 Physiology of Exercise

EXER 200 Advanced Physiology of Exercise	
	PE 250 Concepts of Exercise Training
EXER 116 Health Fitness Assessment & Programming	PE 232 Exercise Programming and Testing
	PE 335 Advanced Strength and Conditioning
	PE 344 Sports Nutrition
	PE 372 Practicum: Exercise Leadership
	PE 460 Experimental Design and Analysis in PE
	Select one: PE 472 Exercise Science Externship (4-12 cr) PE 492 Exercise Science Seminar
	Specialization requirements
	Complete one of the following areas:
	<ul style="list-style-type: none"> • Health Specialization
	HLSC 285 Health in Society
PSYC 235 Health Psychology	Select one: HLSC 330 Health Psychology IPE 310 Psychosocial Aspects of Sport
	HLSC 431 Stress Management
	<ul style="list-style-type: none"> • Coaching Specialization
	PE 210 Introduction to Coaching
	Select one: MGT 260 Sports Management IPE 310 Psychosocial Aspects of Sport
	PE 371 Coaching Practicum

SCOPE OF THE AGREEMENT

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

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

SIGNATURE SECTION

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

Dr. Anne E. Huot
President, Keene State College

Date

Dr. Susan D. Huard
President, Manchester Community College

Date

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

Date

Richard Underbakke
Vice President, Academic Affairs
Manchester Community College

Date

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