

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. 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

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 (Jan Caron) and supervised by the Vice President for Academic Affairs (Mary Scerra). 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 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

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|-------------------|---|-------------------------------|
| 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 | ART 151 Technology Workshop |
| GDES 122 Computer Illustration | |
| | 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

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

→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: |
| | • ART 211 Ancient Art |
| | • ART 212 Medieval Art |
| | • ART 213 Renaissance Art |
| ARTS 127 Art History II | • 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: |
| | • 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: |
| | • 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

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

The Bachelor of Science in Applied Computer Science provides students with a thorough grounding in computer programming and information science and an introduction to the various branches of computer science. The primary focus is to prepare students to successfully operate as information science (IS) or information technology (IT) professionals, and/or pursue graduate studies in CS or a related field.

| MCC | KSC |
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| 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 | • CS 150 Web Page Construction |
| CIS 111 Foundations of Computer Technologies | • 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: |
| | • CS 210 Midrange Systems |
| CIS 146 Linux | • 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 |
| | • 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 |

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| | 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: |
| | • CS 293 Supervised Field Experience |
| | • CS 493 Advanced Supervised Field Experience |

APPENDIX D

AAS Early Childhood Education to BS Education: Early Childhood Education

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| AAS Early Childhood Education | http://www.manchestercommunitycollege.edu/academics/programs/early-childhood-education | BS Education: Early Childhood Development |
|-------------------------------|---|---|

Education Dept Chair: Jan Caron 209 206-8045 jcaron@ccsnh.edu

Students seeking certification in **Early Childhood Development** are required to complete a liberal arts major in **one** of the following areas:

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

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

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

| MCC | KSC |
|--|--|
| ECE104 Foundations of Early Childhood Education | EDUC 100 Issues in Education |
| SOC 250 Multiculturalism | EDUC 200 Social Contexts of Education |
| ECE201- Children's Individualized and Special Needs OR Psych 210 Human Growth and Development AND EITHER ECE 100 Early Childhood Growth & Development OR EDU 101 Introduction to Exceptionalities | EDSP 202 Development, Exceptionality, and Learning |
| | MATH 171 Structure of Number Systems |
| ECE110 - Children's Literature and Language Arts | A course in Children's Literature |
| ECE116 - Child Health, Safety, and Nutrition ECE 105 Creative Activities & Curriculum for Early Childhood ECE 110 Children's Literature and Language Arts AND EITHER ECE 111 or 112 or 202 (At least one Practicum) ECE 200 Math & Science for Young Children ECE 214 Developmentally-Appropriate Guidance & Discipline for Young Children Plus portfolio of work for all 6 classes | EDUC 311 Early Childhood Methods I: Infant/Toddler/Preschool |
| | EDUC 312 Early Childhood Methods II: Primary Grades (K-3) |
| | EDUC 400 Student Teaching |
| | EDUC 410 EC Student Teaching Seminar |

APPENDIX E

AA Liberal Arts/Education to BS Education: Elementary

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| AA Liberal Arts/Education | http://www.manchestercommunitycollege.edu/academics/programs/liberal-arts-education | BS Education: Elementary Education |
|---------------------------|---|------------------------------------|

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 |
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| 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

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| 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 |
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| AA Liberal Arts/Business | KSC Major Requirements |
| BUS 114 Management | MGT 101 Introduction to Management |

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| 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

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|---------------|---|---------------|
| AS Management | http://www.manchestercommunitycollege.edu/academics/programs/management | BS Management |
|---------------|---|---------------|

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 | MGT 331 Principles of Marketing |

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| Perspective | **Credits will be applied to the degree, but in addition students must complete MGT 434 Marketing Research OR MGT 333 Advertising & Promotion |
| | 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

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|--------------|---|---------------|
| 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 **Credits will be applied to the degree, but in addition students must complete MGT 306 Personal Financial Planning |
| MKTG 125 Principles of Marketing: A Global Perspective | MGT 331 Principles of Marketing **Credits will be applied to the degree, but in addition students must complete MGT 434 Marketing Research OR MGT 333 Advertising & Promotion |
| | 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 |

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|-------------------------------------|--|
| 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 – 44 credits (11 Courses), with a minimum of eight credits (2 courses) at the 300 and/or 400 level.

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

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

| 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 • 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 |
| 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 |

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|---|--|
| | 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 |

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| | 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 |

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| 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. Students may take BIO 232 Human Anatomy and Physiology II for 4 credits of the upper-level elective BIO credits |
| BIOL 120 Human Anatomy and Physiology II | |

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 |

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| | 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 |
| | • 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 |
| | • 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 • ENG 323 Medieval Literature • ENG 324 Chaucer • ENG 341 Early American Literature • ENG 326 English Renaissance Literature • ENG 327 Shakespeare: Poetry and Plays |

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| | 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 |

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| | <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 ENG 323 Medieval Literature ENG 324 Chaucer ENG 341 Early American Literature ENG 326 English Renaissance Literature 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 IIENG 245 Readings in African American Literature and Culture IHENG 252 Literature of the Holocaust ENG 345 Studies in African American Literature ENG 347 Modern American Indian Literature 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 IHENG 240 Readings in American Literature IHENG 250 Readings in Continental Literature IHENG 260 Readings in World Literature ENG 290 Topics ENG 330 Studies in British Literature |

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| | <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 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 |

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| 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 • 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, INHSLC 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 |

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| | 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 |

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| PSYC 110 Introduction to Psychology | PSYC 101 General Psychology |
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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, 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 |

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| | 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: |
| | • 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 |
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| | 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 |
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| | 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 EXER 200 Advanced Physiology of Exercise | PE 201 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 |

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| | 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.



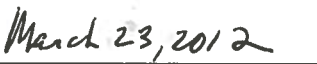


Dr. Helen Giles-Gee

Date

President, Keene State College



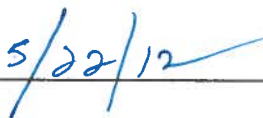


Dr. Susan D. Huard

Date

President, Manchester Community College





Dr. Emile Netzhammer III

Date

Provost and Vice President of Academic Affairs

Keene State College

Mary R. Scerra

Dr. Mary R. Scerra

Vice President, Academic Affairs

Manchester Community College

March 21, 2012

Date