POST-BACCALAUREATE
TEACHER LICENSURE PROGRAMS
2011-2012

Westfield
STATE UNIVERSITY
Founded 1838
Westfield State University Teacher Education

Our Shared Vision:

Teachers as Leaders Building Learning Communities

Our vision is the outgrowth of community discussions among education faculty, liberal arts and science faculty, students, and prek-12 teachers. Central to all conversations has been the tenet of building learning communities, including the desire to strengthen the ability of teachers to advocate for their students and their profession. At a time of increased accountability, the larger Westfield State University learning community continues its commitment to prepare graduates to educate the children of the Commonwealth. Consequently, all our Teacher Education Programs embrace a vision of Teachers as Leaders Building Learning Communities.

At the Initial Licensure level, learning communities are perceived to be environments where learners share skills and experiences that enhance individual and common goals. Recognizing that leadership takes many forms, we prepare our students to serve the learning communities in a variety of ways: in the classroom, on committees, with parents, and through mentoring and professional development. This preparation is grounded in an awareness of the professional self together with an integration of fundamental theory and practice. And, this knowledge, in turn, supports the development of subsequent relationships: with colleagues, with students, and with the communities our teachers seek to build or change. These professional relationships will define the nature of the learning communities our graduates help to create and the context for their community leadership.

Initial Licensure programs are performance-based and designed so that our candidates will be able to meet both subject matter and pedagogical outcomes:

1. The candidate can describe/explain the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and can create learning experiences that make these aspects of subject matter meaningful for students.

2. The candidate can describe and discuss how children learn and develop, and can provide learning opportunities that support their intellectual, social and personal development.

3. The candidate can describe/explain how students differ in their approaches to learning and create instructional opportunities that are adapted to diverse learners.

4. The candidate uses a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills.

5. The candidate creates a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.

6. The candidate uses a variety of instructional media to foster student learning, and collaboration.

7. The candidate plans instruction based upon knowledge of subject matter, students, the community, and curriculum goals.

8. The candidate uses formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social and physical development of the learner.

9. The candidate is a reflective practitioner who continually evaluates the effects of his/her choices and actions on others (students, parents, and other professionals in the learning community) and who actively seeks out opportunities to grow professionally.

10. The candidate fosters relationships with school colleagues, parents, and agencies in the larger community to support students' learning and well-being.
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Subject Area Coursework

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Welcome to

Westfield State University
Division of Graduate and Continuing Education

Since its founding in 1836, Westfield State University has been a leader in teacher preparation. We are happy to welcome you as a prospective teacher. The Division of Graduate and Continuing Education sponsors and supports a variety of licensure programs. The information in this booklet is designed for students who have a bachelor’s degree and now wish to be certified as a teacher or want to earn an additional licensure in Massachusetts.

POST-BACCALAUREATE TEACHER LICENSURE PROGRAM

This program affords many students who have completed a bachelor’s degree the opportunity to earn initial licensure in the following subject areas:

- Biology, 8-12
- Business, 5-12
- Chemistry, 8-12
- Early Childhood (PreK-2)
- Elementary, 1-6
- English, 5-8, 8-12
- General Science, 5-8
- History, 5-8, 8-12
- Mathematics, 5-8, 8-12
- Music, All
- Physical Education, PreK-8, 5-12
- Teacher of Students with Moderate Disabilities, PreK-8, 5-12
- Visual Art, Pre-K-8, 5-12
The Massachusetts Department of Education
Requirements for Teacher Licensure

- **a two-stage licensure process**
  - (1) initial and (2) professional

*Westfield State University’s Post-baccalaureate Teacher Licensure Program fulfills Massachusetts’ requirements for initial licensure. See our Graduate Catalog for programs leading to initial master’s or professional licensure.*

- **all prospective teachers must have a bachelor’s degree from an accredited college or university.**

- **all candidates for teacher licensure must pass all portions of the Massachusetts Tests for Educator Licensure (MTEL)**
  - (1) reading/writing section which shall demonstrate the communication and literacy skills necessary for effective instruction and communication; and
  - (2) the appropriate subject matter test for licensure
  - (3) the foundations of reading test which is required of students seeking early childhood, elementary, or students with moderate disabilities licensure.

- **candidates must successfully complete courses that address the Professional Standards set forth in the regulations for educator licensure**
  1) Coursework
  2) Field-based experiences in varied setting and integrated into courses
  3) Supervised practicum in the field and at the grade level for the license sought

- **candidates must show evidence of sound moral character**

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**Information regarding the Massachusetts Tests for Educator Licensure (MTEL)**

Testing dates and registration deadlines are listed in the Registration Bulletin for the Massachusetts Tests for Educator Licensure. The registration bulletin, study guides and test objectives are accessible at [www.doe.mass.edu/mtel](http://www.doe.mass.edu/mtel) and [www.mtel.nesinc.com](http://www.mtel.nesinc.com).

Bulletins and study guides will be mailed to you if you call **(413) 256-2892.**

Copies of the registration bulletin may be picked up in the Office of Graduate and Continuing Education (333 Western Avenue) or in the Education Department Office (Parenzo 211).

Study guides and test objectives are also on reserve in the Westfield State University Library.
Post-baccalaureate students completing programs leading to teacher licensure must meet program outcomes outlined by the university’s academic major, state and national standards.

All students seeking teacher licensure must possess a bachelor’s degree from an accredited college or university.

Students in elementary, early childhood and special needs programs must meet with their education advisor to determine the coursework necessary to complete an approved licensure program. In addition to meeting with an education advisor, students in middle (5-8), secondary (8-12), and special education (5-12) must meet with subject matter advisors to determine coursework necessary to meet subject matter requirements for licensure. Art, music, and physical education students must meet with subject matter advisors to determine coursework necessary to meet subject matter requirements for licensure.

Decisions regarding coursework are based on student’s prior academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous university coursework, or other related professional experience reflective of the student having met state and national standards for specific licensure.

The Master of Education which leads to initial licensure is available to students who are seeking licensure as an Elementary Teacher, 1-6, an Early Childhood Teacher, PreK-2, a Teacher of Students with Moderate Disabilities, PreK-8, Teacher of Students with Moderate Disabilities, 5-12, Teacher of Biology, 8-12, Teacher of Chemistry, 8-12, Teacher of General Science, 5-8, Teacher of History, 5-8 and 8-12, Teacher of Mathematics, 5-8 and 8-12. The Master of Arts in English with Initial Licensure as a Teacher of English, 5-8 and 8-12 is also available.

Postbaccalaureate Admission and Completion

Application to the postbaccalaureate teacher licensure program requires the following:

1. Application and $50.00 fee (non-refundable)
2. Two letters of recommendation (professional)
3. Official transcripts with university seals and in sealed envelopes from all schools listed on the application
4. Documentation of passing scores on the Massachusetts Communication and Literacy Skills Test
5. Cumulative grade point average of at least 2.6 (inclusive of all post-secondary work)

Acceptance

Once the application has been reviewed, the student will receive a letter stating his/her status regarding acceptance from the Dean of the Division of Graduate and Continuing Education based on the Department Chair’s/Designee’s recommendation. Westfield State University is committed to educational access. Students are admitted with a 2.6 grade point average; however, a 2.8 is required for student teaching eligibility.

Program of Study

On acceptance into a teacher licensure program, students complete a program of study which will serve as a guide when determining future coursework. It is important for the student to complete a program of study with his/her advisor as early as possible in the program.

The program of study is the only approved curriculum for the student. Once filed, any changes to the program of study must be approved and submitted in writing by the advisor.

   The steps for completing the program of study are as follows:

   • Students seeking secondary and/or middle school licensure must meet with an academic advisor to seek his/her signature on the program of study. Students seeking art, music or physical education licensure must meet with their respective departmental advisors.
   • All students (with the exception of art, music and physical education students) then meet with the education advisor to obtain his/her signature on the program of study,
   • Students must review and sign the program of study. The study plan remains in the student’s official file through program completion.

Eligibility for Student Teaching

Students must be matriculated and in good academic standing

Students must have 2.7 average in English Composition I and II. If the student has not achieved a 2.7 in those courses, s/he must achieve a minimum of 2.3 in ENGL0200 Writing for Teacher Candidates (3 credits).

Students must have an cumulative grade point average of 2.8.

Students must complete all prepracticum requirements.

Students must pass the subject matter portion of the Massachusetts Tests for Educators Licensure. Elementary, Early Childhood and Moderate Disabilities candidates must also pass the foundation of reading test. Each student is responsible for submitting documentation of passing MTEL scores for their official file.

ADVISING

To make an appointment with an advisor, call the Division of Graduate and Continuing Education at:
(413) 572-8020

POSTBACCALAUREATE TEACHER LICENSURE ADVISORS

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<th>Subject</th>
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<tr>
<td>Art</td>
<td>William Greaney</td>
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<td>Biology</td>
<td>Jennifer Hanselman</td>
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<tr>
<td>Business</td>
<td>Philip Ettman</td>
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<tr>
<td>Early Childhood</td>
<td>Lolly Templeton</td>
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<tr>
<td>Elementary</td>
<td>Marcia Horne</td>
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<tr>
<td>English</td>
<td>Marilyn Sandidge</td>
</tr>
<tr>
<td>General Science</td>
<td>Frank Giuliano</td>
</tr>
<tr>
<td>History</td>
<td>Michael Anciello</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Mary Ann Connors</td>
</tr>
<tr>
<td>Middle School</td>
<td>Richard Frank</td>
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<tr>
<td>Music</td>
<td>Andrew Bonacci</td>
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<td>Physical Education</td>
<td>David Laing</td>
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<tr>
<td>Secondary Education</td>
<td>Richard Frank</td>
</tr>
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<td>Special Education</td>
<td>Daniel Burke/Laura Baker</td>
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IMPORTANT TELEPHONE NUMBERS

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<th>Department</th>
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<td>MAIN NUMBER</td>
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<td></td>
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<tr>
<td>FAX NUMBER</td>
<td>(413) 572-5227</td>
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<tr>
<td>DGCE Admissions</td>
<td>Shelly Janke</td>
<td>572-8022</td>
</tr>
<tr>
<td>DGCE Dean</td>
<td>Kimberly A. Tobin</td>
<td>572-8035</td>
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<td>Teacher Licensure</td>
<td>Priscilla Haskins</td>
<td>572-8036</td>
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<td>572-5218</td>
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<tr>
<td>Dean of Education</td>
<td>James Martin-Rehrmann</td>
<td>572-5326</td>
</tr>
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EARLY CHILDHOOD (PreK-2) TEACHER LICENSURE PROGRAM

1. Bachelor’s Degree
2. Passing scores on the Massachusetts Tests for Educator Licensure
3. GPA of 2.6 for admission into program
4. 2.7 average in English Comp I and II
5. GPA of 2.8 to enroll in practicum

REQUIRED COURSEWORK FOR EARLY CHILDHOOD LICENSURE
EDUC0220 Schools in American Culture* or EDUC0633 Social Cultural Theories*
EDUC0380/580 Multicultural Education
EDUC0221/0540 Students with Spec. Nds.*
EDUC0201 Learning and Assessment
EDUC0319/0519 Prin of Teaching & Learning *
EDUC0308/0508 Early Childhood Curriculum*
EDUC0314/0514 Classroom Management
EDUC0381/0581 Early Intervention for Young Child With Special Needs*
EDUC0303/0503 Early Literacy and Reading
EDUC0305/0505 Literature and Language Arts
PSYC0202 Child Development
GNSC0360/0560 Methods of Science Educ./PreK-6
MATH0352/552 Foundations of Tch. Math/PreK-6
MOVPO303 Health Ed in Elem School or MOVPO301 Physical Ed in Elem School
EDUC0396/0596 Sem Recent Dev: Computer in Ed or Other ISTE Standard-based technology course
EDUC0538 Practicum Elementary

Decisions regarding coursework in the academic major are based on a student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework or other related professional experience reflective of the student having met state and national standards.

See Appendix A for academic subject matter coursework.

It is important for a student to meet with an academic advisor as early as possible to determine a program of study.

ELEMENTARY (1-6) TEACHER LICENSURE PROGRAM

1. Bachelor’s Degree
2. Passing scores on the Massachusetts Tests for Educator Licensure
3. GPA of 2.6 for admission into program
4. 2.7 average in English Comp I and II
5. GPA of 2.8 to enroll in practicum

REQUIRED COURSEWORK FOR ELEMENTARY LICENSURE
EDUC0220 Schools in American Culture* or EDUC0633 Social Cultural Theories*
EDUC0380/580 Multicultural Education
EDUC0221/0540 Students with Spec. Nds.*
EDUC0201 Learning and Assessment
EDUC0319/0519 Prin of Teaching & Learning *
EDUC0306/0506 Elementary Cur. & Instruction *
EDUC0311/0511 Social Studies in Elem School
EDUC0314/0514 Classroom Management
EDUC0303/0503 Early Literacy and Reading
EDUC0305/0505 Literature and Language Arts
PSYC0202 Child Development
GNSC0360/0560 Methods of Science Educ./PreK-6
MATH0352/552 Foundations of Tch. Math/PreK-6
MOVPO303 Health Ed in Elem School or MOVPO301 Physical Ed in Elem School
EDUC0396/0596 Sem Recent Dev: Computer in Ed or Other ISTE Standard-based technology course
EDUC0538 Practicum Elementary

Decisions regarding coursework in the academic major are based on a student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework or other related professional experience reflective of the student having met state and national standards.

See Appendix A for academic subject matter coursework.

It is important for a student to meet with an academic advisor as early as possible to determine a program of study.

* Field experience required
TEACHER OF STUDENTS WITH MODERATE DISABILITIES (PRE-K-8) LICENSURE

1. Bachelor’s Degree
2. Passing scores on the Massachusetts Tests for Educator Licensure
3. GPA of 2.6 for admission into program
4. 2.7 average in English Comp I and II
5. GPA of 2.8 to enroll in practicum

REQUIRED COURSEWORK FOR TEACHER OF MODERATE DISABILITIES, PREK-8
EDUC0220 Schools in America Culture* or EDUC0633 Social Cultural Theories*
EDUC0221/0540 Students with Special Needs*
PSYC0202 Child Development or PSYC0203 Adolescent Development
EDUC0303/0503 Early Literacy and Reading
EDUC0319/0519 Prin of Teaching & Learning* or EDUC0352/0552 Ed Plan & Eval in Middle School*
EDUC0370/0570 Speech & Lang Prob of the Spec Nds Child
EDUC0371/0571 I.A.P.P. Special Needs Teacher*
EDUC0376/0576 Dev. Disabilities & Self-determination
EDUC0377/0577 Learning Disabilities & Instructional Strategies
EDUC0378/0578 Classroom Management: Students with Behavioral and Emotional Problems*
EDUC0380/0580 Multicultural Education
GNSC0360/0560 Methods of Science Educ./PreK-6
MATH0352/552 Foundations of Tch. Math/PreK-6
EDUC0381/0581 Early Intervention for Yg Ch Sp Nds*
EDUC0597 Prac.: Moderate Disabilities, PreK-8

Decisions regarding coursework in the academic major are based on a student’s prior academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework, professional experience and/or other performance evidence reflective of the student having met state and national standards.

See Appendix A for academic subject matter coursework.

TEACHER OF STUDENTS WITH MODERATE DISABILITIES (5-12) LICENSURE**

1. Bachelor’s Degree
2. Major in a specific subject taught in 5-12***
3. Passing scores on the Massachusetts Tests for Educator Licensure**
4. GPA of 2.6 for admission into the program
5. 2.7 average in English Comp I and II
6. GPA of 2.8 to enroll in practicum

REQUIRED COURSEWORK FOR MODERATE DISABILITIES LICENSURE, 5-12
EDUC0220 Schools in America Culture* or EDUC0633 Social Cultural Theories*
EDUC0221/0540 Students with Special Needs*
PSYC0203 Adolescent Development
EDUC0303/0503 Early Literacy and Reading
EDUC0352/0552 Ed Plan & Eval in Middle School*
EDUC0370/0579 Speech & Lang Prob of the Spec Nds Child
EDUC0371/0571 I.A.P.P. Special Needs Teacher*
EDUC0374/0574 Career Ed. & Transition for Students With Disabilities
EDUC0376/0576 Dev. Disabilities & Self-determination
EDUC0377/0577 Learning Disabilities & Instructional Strategies
EDUC0378/0578 Classroom Management: Students with Behavioral and Emotional Problems*
EDUC0380/0580 Multicultural Education
GNSC0360/0560 Methods of Science Educ./PreK-6
MATH0352/552 Foundations of Tch. Math/PreK-6
EDUC0597 Prac.: Moderate Special Needs, 5-12

Decisions regarding coursework in the academic major are based on a student’s prior academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework, professional experience and/or other performance evidence reflective of the student having met state and national standards.

See Appendix A for academic subject matter coursework.

It is important for a student to meet with an academic advisor as early as possible to determine a program of study.

*Field Experience
**As well as passing the communication, literacy and foundation of reading portions of the Massachusetts Tests for Educator Licensure, those seeking teacher of students with moderate disabilities, 5-12 licensure, must pass either the general curriculum test (see requirements listed in Appendix A) or a subject test in one of the core academic subjects taught in 5-8 or 8-12. If the teacher candidate is seeking an academic area, an advisor in that area must be consulted.
MUSIC (All Levels) TEACHER LICENSURE PROGRAM

1. Bachelor’s Degree
2. Passing scores on the Massachusetts Tests for Educator Licensure
3. GPA of 2.6 for admission into program
4. 2.7 average in English Comp I and II
5. GPA of 2.8 to enroll in practicum

REQUIRED MUSIC COURSEWORK

PROFESSIONAL SEQUENCE

MUSC0230 Basic Conducting
MUSC0221 Music Curriculum & Instruction*
MUSC0323 Behavioral Techniques in Music*
MUSC0312 Form and Analysis
PSYC0101 Intro to Psychology
EDUC0221/0540 Students with Special Needs
PSYC0206 Educational Psychology
EDUC0380/0580 Multicultural Education

VOCAL TRACK

MUSC0330 Choral Conducting
MUSC0319 Vocal Tech. and Pedagogy
MUSC0333 Vocal Music Education*
Four (4) Instrument Classes by Advisement

INSTRUMENTAL TRACK

MUSC0156 Voice Class
MUSC0331 Instrumental Conducting
MUSC0332 Instrumental Music Education*

Eight (8) Instrument Classes by Advisement

MUSC0328 Practicum K-12

Decisions regarding coursework in the academic major are based on a student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework or other related professional experience reflective of the student having met state and national standards.

See Appendix D for academic subject matter coursework.

It is important for a student to meet with an academic advisor as early as possible to determine a program of study.

*Field experience required

PHYSICAL EDUCATION (PRE-K-8) (5-12) TEACHER LICENSURE PROGRAM

1. Bachelor’s Degree
2. Passing scores on the Massachusetts Tests for Educator Licensure
3. GPA of 2.6 for admission into program
4. 2.7 average in English Comp I and II
5. GPA of 2.8 to enroll in practicum

PROFESSIONAL SEQUENCE

Elementary PreK-8 or Secondary 5-12

MOVP0103 Intro to Teaching P.E.*
MOVP0260 (MOVP0261) Analysis of Teaching Selected P.E.Skills I Elementary (Secondary)
MOVP0262 Analysis of Teaching Selected P.E. Skills II
MOVP0302 Measurement and Evaluation in P.E.
MOVP0311 Adaptive P.E.*
MOVP0313 (MOVP0314) P.E. Teaching Methodology* Elementary (Secondary)
MOVP0316 Curriculum Planning and Implementation in P.E.
EDUC0380/0580 Multicultural Education
MOVP0355 Practicum Seminar
MOVP0348/0349 Practicum I & II Elementary

MOVP0350/0352 Practicum I & II Secondary

Decisions regarding coursework in the academic major are based on a student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework or other related professional experience reflective of the student having met state and national standards.

See Appendix D for academic subject matter coursework.

It is important for a student to meet with an academic advisor as early as possible to determine a program of study.

*Field experience required
VISUAL ART (Pre-K-8) (5-12) TEACHER LICENSURE PROGRAM

1. Bachelor’s Degree
2. Passing scores on the Massachusetts Tests for Educator Licensure
3. GPA of 2.6 for admission into program
4. 2.7 average in English Comp I and II
5. GPA of a 2.8 to enroll in practicum

PROFESSIONAL SEQUENCE
ELEMENTARY (PREK-8)
EDUC0221/0540 Students with Special Needs*
EDUC0380/0580 Multicultural Education
ART 0323 Introduction to Art Education*
ART 0324 Art Methods/Materials*
ART 0322 Art Education Curriculum* (Elementary)
PSYC0202 Child Development
PSYC0101 Intro to Psychology (prerequisite to PSYC0202)
ART 0326 Art Seminar
ART 0331 Practicum: Elementary Art

PROFESSIONAL SEQUENCE
SECONDARY (5-12)
EDUC0221/0540 Students with Special Needs*
EDUC0380/0580 Multicultural Education
ART 0323 Introduction to Art Education*
ART 0324 Art Methods/Materials*
ART 0322 Art Education Curriculum* (Secondary)
PSYC0203 Adolescent Development
PSYC0101 Intro to Psychology (prerequisite to PSYC0203)
ART 0326 Practicum Seminar
ART 0351 Practicum: Secondary Art

Decisions regarding coursework in the academic major are based on a student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework or other related professional experience reflective of the student having met state and national standards.

See Appendix E for academic subject matter coursework.

It is important for a student to meet with an academic advisor as early as possible to determine a program of study.

*Field experience required
MIDDLE (5-8) AND SECONDARY (8-12) LEVEL LICENSURE PROGRAMS FOR

TEACHER OF:

BIOLOGY (Appendix B)
BUSINESS (Appendix B)
CHEMISTRY (Appendix B)
ENGLISH (Appendix C)
GENERAL SCIENCE (Appendix C)
HISTORY (Appendix C)
MATHEMATICS (Appendix D)

Students electing to prepare for teaching an academic subject in middle (5-8) or secondary (8-12) school must complete the professional sequence listed below. **Students must meet with a subject matter advisor to determine coursework necessary to meet subject matter requirements for licensure.** Decisions regarding coursework are based on student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework or other related professional experience reflective of the student having met state and national standards.

**PROFESSIONAL SEQUENCE: MIDDLE (5-8) AND SECONDARY (8-12) SUBJECT AREA SPECIALIST**

Students must meet with their academic advisor to determine specific subject area requirements

1. Bachelor’s Degree
2. Passing scores on the Massachusetts Tests for Educator Licensure

EDUC0220 Schools in American Culture*

or

EDUC0633 Social Cultural Theories*

EDUC0380/0580 Multicultural Education

Note: Students seeking Teacher of English licensure may have satisfied this requirement through English coursework

**EDUC0221/0540 Students with Special Needs** *

EDUC0321 Middle School & Its Students

*(Required for Middle School only)*

EDUC0352/0552, 0353/0553 or 0354/0554 Educational Plan & Eval (Mid, Sec or Mid & Sec**)

PSYC0203 Adolescent Development

3. GPA of 2.6 for admission into program
4. 2.7 average in English Comp I and II
5. GPA of 2.8 to enroll in practicum

PSYC0101 Intro to Psychology

*(Prerequisite to PSYC0203)*

******* Academic Methods*

EDUC0564 Practicum: Middle School

**EDUC0366 Practicum: Middle/Secondary School

EDUC0569 Practicum: Secondary

*Field Experience

* *For Teacher of Business, 5-12, only
APPENDIX A

Decisions regarding coursework in an academic major are based upon on student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework, or other related professional experience reflective of the student having met state and national standards.

EARLY CHILDHOOD, PREK-2, LICENSURE

ACADEMIC SUBJECT AREA COURSEWORK

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<td>ART0106 Art Survey or ART0104 Design Fundamentals</td>
<td>MUSC0101 Music Appreciation or MUSC0110 Basic Music Theory</td>
<td>ENGL0104 Intro to Theatre may be substituted for the art or music course</td>
<td>PSYC0101 Introduction to Psychology (Prerequisite to Child Development)</td>
<td>PHYS0101 Physical Science</td>
<td>HIST0131 US History &amp; Gov. to 1865</td>
<td>Mathematics or Science Elective</td>
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ACADEMIC SUBJECT AREA COURSEWORK FOR ELEMENTARY, 1-6, LICENSURE and TEACHER OF MODERATE DISABILITIES, PREK-8, 5-12* LICENSURE

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<td>MATH0150 Foundations: Mathematical Reasoning</td>
<td>MATH0213 World History to 1600</td>
<td>MATH0251 Foundations: Geometry or MATH0252 Foundations: Probability &amp; Statistics or MATH0253 Foundations: Number Systems</td>
<td>GARP0210 Cultural Geography or GARP0101 World Regional Geography</td>
<td>HIST0213 World History to 1600</td>
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<tr>
<td>MUSC0101 Music Appreciation or MUSC0110 Basic Music Theory</td>
<td>BIOL0102 Environmental Biology or BIOL0104 Human Biology or BIOL0106 Biology Today</td>
<td>ENGL0104 Intro to Theatre may be substituted for the art or music course</td>
<td>PSYC0101 Introduction to Psychology (Prerequisite to Child Development)</td>
<td>PHYS0101 Physical Science</td>
<td>HIST0131 US History &amp; Gov. to 1865</td>
<td>ENGL0215 Major American Writers</td>
</tr>
<tr>
<td>ENGL0215 Major American Writers</td>
<td>BIOL0102 Environmental Biology or BIOL0104 Human Biology or BIOL0106 Biology Today</td>
<td>ECON0101 Principles of Macroeconomics or ECON0102 Principles of Microeconomics</td>
<td>ENGL0221 World Literature to 1750 or ENGL0222 World Literature Since 1750 or Other World Lit course that includes British Lit</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Candidates for licensure as a teacher of moderate special needs, 5-12, must pass either the general curriculum test (requirements listed above) or a subject test in one of the core academic subjects taught in 5-8 or 8-12. An academic advisor must be consulted if the teacher candidate is taking the academic subject test.
Decisions regarding coursework in an academic major are based upon on student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework, or other related professional experience reflective of the student having met state and national standards.

## APPENDIX B

### BIOLOGY, 8-12, LICENSURE

#### ACADEMIC SUBJECT AREA COURSEWORK

<table>
<thead>
<tr>
<th>Recommended course distribution:</th>
<th>Organismal</th>
</tr>
</thead>
</table>
| **Environmental** BIOL0201 General Ecology | BIOL0211 Plant Biology  
BIOL0237 Human Anatomy & Physiology I  
BIOL0230 Evolution |
| **Cellular/Molecular** BIOL0203 Genetics I  
and one of the following:  
BIOL0205 Cell Biology (preferred)  
BIOL0223 Microbiology | CHEM0109 General Chemistry I  
CHEM0111 General Chemistry II  
BIOL0289 Biology Seminar: History and Nature of Scientific Knowledge (1 cr) |

### BUSINESS, 5-12, LICENSURE

#### ACADEMIC SUBJECT AREA COURSEWORK

<table>
<thead>
<tr>
<th>Business Core</th>
<th>Non-Business Required Courses</th>
</tr>
</thead>
</table>
| MGMT0104 Principles of Accounting I  
MGMT0105 Principles of Accounting II  
MGMT0107 Software Application in Management  
MGMT0207 Financial Management  
MGMT0220 Production/Operations Management  
MGMT0221 Business Management  
MGMT0231 Marketing Management  
MGMT0241 Business Law  
MGMT0250 Quantitative Approach to Business Decisions  
MGMT0325 Business Policy and Strategy  
MGMT0338 International Business | ECON0101 Principles of Macroeconomics  
ECON0102 Principles of Microeconomics  
ENGL0103 Speech  
ENGL0392 Business and Technical Writing  
MATH0115 Math for Business and Social Science  
MATH0108 Elementary Statistics |
| **Concentration in Management** | |
| MGMT0301 Labor Relations  
MGMT0308 Organ Devel & Behavior  
MGMT0321 Management Info Systems  
MGMT03__ 300 level management elective  
MGMT03__ 300 level management elective | |

### CHEMISTRY, 8-12, LICENSURE

#### ACADEMIC SUBJECT AREA COURSEWORK

<table>
<thead>
<tr>
<th>Course</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH0105 Calculus I</td>
<td>CHEM0305 Physical Chemistry I</td>
</tr>
<tr>
<td>MATH0106 Calculus II</td>
<td>CHEM0307 Physical Chemistry II with Lab</td>
</tr>
<tr>
<td>PHSC0125 Physics I and Lab</td>
<td>CHEM0311 Instrumental Analysis with Lab</td>
</tr>
<tr>
<td>PHSC0127 Physics II and Lab</td>
<td>CHEM0313 Biochemistry</td>
</tr>
<tr>
<td>CHEM0109 General Chemistry I with Lab</td>
<td>CHEM0310 Theoretical or Experimental Research</td>
</tr>
<tr>
<td>CHEM0111 General Chemistry II with Lab</td>
<td>CHEM0383 Senior Seminar in Chemistry (1 cr)</td>
</tr>
<tr>
<td>CHEM0201 Organic Chemistry I with Lab</td>
<td>GNSC0239 Current Topics in Science Seminar</td>
</tr>
<tr>
<td>CHEM0203 Organic Chemistry II with Lab</td>
<td>GNSC0330 Science, Technology &amp; Society</td>
</tr>
<tr>
<td>CHEM0211 Advanced Inorganic Chemistry</td>
<td></td>
</tr>
</tbody>
</table>
Decisions regarding coursework in an academic major are based upon student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework, or other related professional experience reflective of the student having met state and national standards.

**ENGLISH, 5-8, 8-12) LICENSURE**

**ACADEMIC SUBJECT AREA COURSEWORK**

- ENGL0106 Principles of Grammar
- ENGL0210 British Literature to 1603
- ENGL0211 British Literature, 1603-1780 or ENGL0212 British Literature Since 1780
- ENGL0216 American Literature to 1865
- ENGL0217 American Literature Since 1865
- ENGL0221 World Literature to 1750 or ENGL0222 World Literature Since 1750
- ENGL0300 Development of the Novel
- ENGL0317 Shakespeare: Tragedies & Histories or ENGL0318 Shakespeare: Comedies and Romances
- ENGL0327 Contemporary Cross-Cultural Lit.*
- ENGL348 History of the English Language
- ENGL0383 Teaching Writing: Issues in Rhetoric & Composition and One (3 credit) 200 or 300-level writing course
- One (3 credit) course in a major figure, period or genre Elective courses (6 credits) - 300-level English courses
- Either ENGL0211 British Literature, 1603-1780 or ENGL0212 British Literature Since 1780, whichever is not taken as a requirement, is the only 200-level course that may be used as an elective toward the major
- *ENGL327 replaces EDUC0380 for diversity requirements for teachers of English.

**GENERAL SCIENCE, 5-8, LICENSURE**

**ACADEMIC SUBJECT AREA COURSEWORK**

- ASTR0101 Astronomy
- BIOL0128 Intro to Organismal Ecological and Evolutionary Biology
- BIOL0129 Intro to Molecular, Cellular and Developmental Biology
- GARP0230 Meteorology
- MATH0104 Precalculus
- GEOL0101 Physical Geology with Lab
- GEOL0106 Historical Geology
- CHEM0109 General Chemistry I
- CHEM0111 General Chemistry II
- PHSC0115 General Physics I
- PHSC0117 General Physics II
- GNSC0239 Current Topics in Science Seminar
- GNSC0330 Science, Technology and Society
- GNSC0383 Senior Seminar in General Science (1 cr)
- Two additional courses at the 200-level or above in biology or physical science, with at least one from the Physical Science Department. (ASTR0349 or GEOL0347 is strongly recommended).

**HISTORY, 5-8, 8-12, LICENSURE**

**ACADEMIC SUBJECT AREA COURSEWORK**

- HIST0120 The History/Social Studies Teacher (1 cr)
- HIST0131 US History and Government to 1865
- HIST0132 US History and Government from 1865
- HIST0101 Western Experience to 1600
- HIST0213 World History to 1600
- HIST0215 Intro to the Middle East, Africa, and Asia
- HIST0302 Historical Research and Analysis

Six additional history electives (18 credits) Any six history electives of your choosing but you must take at least two courses from two different areas of history (U.S., World or European History). For example you can NOT take all six classes in U.S. history.

One course each in political science, geography, sociology, economics

Evidence of mastery of the N.C.S.S. Social Studies Standards. WSC’s History Education Program is nationally recognized by the National Council for the Social Studies (N.C.S.S.). All post-baccalaureate students seeking initial licensure must demonstrate mastery of the ten Social Studies Standards adopted by N.C.S.S. These are presented in the class, HIST0120: The History Teacher. Most of these standards are automatically covered in your coursework. However, one or two may require that you demonstrate mastery through an additional paper or project.

For more info on fulfilling the N.C.S.S. standards see the History Department webpage http://www.wsc.ma.edu/dept/history/
APPENDIX D

Decisions regarding coursework in an academic major are based upon student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework, or other related professional experience reflective of the student having met state and national standards.

MATHEMATICS, 5-8, 8-12, LICENSURE
ACADEMIC SUBJECT AREA COURSEWORK

MATH0105, 106, 201 Calculus I, II & III
MATH0218 Linear Algebra
MATH0220 Discrete Structures
MATH0301 Abstract Algebra I
MATH0306 Modern Geometries I
MATH0311 Number Theory

MATH0340 Math Statistics I or
MATH 0108 Elementary Statistics
MATH390 Senior Seminar in Mathematics
CAIS0120 Computer Science/Program
One or two additional 300-level mathematics courses
(to achieve a total of seven 300-level mathematics courses)

MUSIC (ALL) LICENSURE
ACADEMIC SUBJECT AREA COURSEWORK

Students wishing to be certified to teach music must complete all the requirements of a music major as determined by an initial advising meeting with the program director.

Coursework involves music theory, music history, applied music lessons and ensemble participation, but is dependent upon the student’s entrance audition and demonstrated strengths.

All students preparing for a practicum experience in instrumental music normally take a traditional concert band or orchestral instrument for the applied major. Students planning a practicum experience outside their usual performing area must demonstrate performance experience and proficiency equivalent to MUSC0172 or complete three semesters of minor applied study and ensemble experience in voice, percussion, winds or orchestral string, as appropriate.

ADMISSION
Admission to the music teacher certification program is dependent upon completion of the piano proficiency requirement and completion of an entrance examination to include music education philosophy, major applied area, basic musicianship, and piano.

Students must successfully audition with the music department to demonstrate performance skills and basic musicianship before acceptance.

Note: Admission and retention in the music education concentration are dependent on: an overall QPA of 2.8, a 2.8 QPA in applied music, and a 2.8 QPA in pedagogy coursework.

PHYSICAL EDUCATION, Pre-K-8, 5-12, LICENSURE
ACADEMIC SUBJECT AREA COURSEWORK

MOVP0100 Introduction to Exercise Science
MOVP0105 Foundations of Movement Science I
MOVP0106 Foundations of Movement Science II
BIOL0237 Anatomy and Physiology I
BIOL0239 Anatomy and Physiology II
MOVP0202 Introduction to Motor Learning

MOVP0203 Motor Development and Behavior
MOVP0204 Kinesiology
MOVP0205 Physiology of Exercise

A post-baccalaureate student who meets the requirements for acceptance into the Physical Education (PE) concentration must maintain a QPA of 2.5 in the major core (29 credits), a 2.7 in the PE concentration (and a grade no lower than a B- in MOVP0313/0314) and a 2.8 QPA overall. S/he must complete the Advanced Standing requirements (as outlined in the department manual for the year she or he matriculates) of the Movement Science Department in order to be granted the opportunity to complete the practicum experience.
APPENDIX E

Decisions regarding coursework in an academic major are based upon on student’s academic record, performance on the Massachusetts Tests for Educator Licensure (MTEL), previous college coursework, or other related professional experience reflective of the student having met state and national standards.

VISUAL ART, Pre-K-8, 5-12 LICENSURE
ACADEMIC SUBJECT AREA COURSEWORK

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 0100</td>
<td>Materials and Safeguards</td>
</tr>
<tr>
<td>ART 0104</td>
<td>Design Fundamentals</td>
</tr>
<tr>
<td>ART 0209</td>
<td>Color Theory and Practice</td>
</tr>
<tr>
<td>ART 0103</td>
<td>Drawing I</td>
</tr>
<tr>
<td>ART 0330</td>
<td>Anatomy for the Artist</td>
</tr>
<tr>
<td>ART 0301</td>
<td>Drawing II</td>
</tr>
<tr>
<td>ART 0102</td>
<td>Painting I</td>
</tr>
<tr>
<td>ART 0202</td>
<td>Painting II</td>
</tr>
<tr>
<td>ART 0201</td>
<td>Printmaking I</td>
</tr>
<tr>
<td>ART 0204</td>
<td>Pottery I</td>
</tr>
<tr>
<td>ART 0205</td>
<td>Sculpture I</td>
</tr>
<tr>
<td>ART 0188</td>
<td>Intro to Computer Graphics</td>
</tr>
<tr>
<td>ART 0303</td>
<td>Printmaking II</td>
</tr>
<tr>
<td>ART 0304</td>
<td>Pottery II</td>
</tr>
<tr>
<td>ART 0305</td>
<td>Sculpture II</td>
</tr>
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</table>

and one of the following:

<table>
<thead>
<tr>
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<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>ART 0303</td>
<td>Printmaking II</td>
</tr>
<tr>
<td>ART 0304</td>
<td>Pottery II</td>
</tr>
<tr>
<td>ART 0305</td>
<td>Sculpture II</td>
</tr>
</tbody>
</table>

All art majors are expected to take ART 0106 and ART 0107, Art Survey I and II to satisfy the Fine Arts requirement of the common core.