

## APPENDIX D

*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.*

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

MATH0105, 106, 201 Calculus I, II & III	MATH0340 Math Statistics I or MATH 0108 Elementary Statistics
MATH0218 Linear Algebra	MATH390 Senior Seminar in Mathematics
MATH0220 Discrete Structures	CAIS0120 Computer Science/Program
MATH0301 Abstract Algebra I	
MATH0306 Modern Geometries I	<i>One or two additional 300-level mathematics courses (to achieve a total of nine 300-level mathematics courses)</i>
MATH0311 Number Theory	

### 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. applied study and ensemble experience in voice, percussion, winds or orchestral string, as appropriate.

**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

#### 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 MOVP 0313/0314) 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.