

M.Ed. Curriculum and Instruction: SCIENCE (5-8; 8-12)
INITIAL LICENSE OPTION

Student holds NO license or Preliminary License

Successful applicants must have an undergraduate degree or a minimum number of credits in that in the specialization field as follows:

<i>Biology</i>	<i>36 cr. in biology + 18 cr. in other sciences</i>
<i>Chemistry</i>	<i>36 cr. in chemistry + 18 cr. in other sciences</i>
<i>Physics</i>	<i>36 cr. in physics + 18 cr. in other sciences</i>
<i>Earth Science</i>	<i>36 cr. in an earth science+ 18 cr. in other sciences</i>
<i>General Science</i>	<i>36 cr. in a major field of science + 18 cr. in other sciences</i>

FOUNDATIONS **(6cr)**

01.501	Diversity in the Classroom
01.502	Child Development and Assessment of Learning/Secondary

PREPRACTICUM

The prepracticum occurs in the semester before the practicum. Candidates are required to observe for 8 full days in schools and create a prepracticum binder. Additional observation requirements are included in foundation and specialization courses.

SPECIALIZATION (methods courses) **(15cr)**

02.576	Curriculum and Teaching Science	(required)
04.525	Science for Science Teachers	
04.530	Planning and Assessment in Science	
06.511	Reading in the Content Areas	
06.607	Methods of Sheltered Language Instruction	

PRACTICUM AND ANALYSIS OF TEACHING SEMINAR **(9cr)**

OR

PRACTICUM EQUIVALENT AND ANALYSIS OF TEACHING SEMINAR

One semester of fulltime teaching or student teaching (12 weeks).
 Seminar meets one day a week from 4-6PM.

TOTAL CREDITS

30 CREDITS

Notes:

- Students should consult faculty advisors prior to registering each semester.
- Students are expected to demonstrate proficiency in applications of educational technology.
- Students are expected to have a minimum GPA of 3.25 before beginning the practicum or practicum equivalent.
- Students are expected to complete all coursework (including prerequisites) before beginning the practicum or practicum equivalent.
- Student are expected to demonstrate overall professional dispositions assessed by the faculty.
- Students must pass the Communication and Literacy Test and the specific subject area test of the Massachusetts Test for Educator Licensure to qualify for state license.

February 17, 2004