

SECOND AREA OF CERTIFICATION
Middle School SCIENCE with Elementary Education

Name:	Student #:
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Note: SBU reserves the right to amend the curriculum and require teaching certificate candidates to graduate under a program which reflects the state certification requirements in force at the time of graduation.

GPA Requirements:

- ◆ 2.5 overall and in the certificate subject area
- ◆ 2.5 in professional education courses with no grade lower than a "C"

In addition to the certification requirements in Elementary Education, the following requirements must be met to complete a second area of certification in Middle School Science.

Middle School (Second Area of Certification)

Course #	Course Title	Hours	Grade	Semester/ Year
EDU 2463	Foundations of Middle School (F)	3		

To enroll in 3000-4000 EDU courses:

- ◆ 2.5 GPA overall and in the certificate subject area(s)
- ◆ Passing C-Base scores in all sections
- ◆ EDU pre-requisites met (EDU 2113, EDU 2131, EDU 2313)
- ◆ Teacher education file completed

EDU 4473	Psychology of the Middle School Student (F)	3		
EDU 4493	Middle School Curriculum (S)	3		

Middle School Science Certification Requirements
(minimum 25 hours)

Life Science (12 hours)

BIO 1004	Principles of Biology (F/J/S)	*		
BIO 2134 or BIO 2234	General Zoology (S) [MWF-TH lab] or General Botany (F) [MWF]	4		
BIO 3334 or BIO 2214	Ecology (S) [MWF] or Environmental Biology (F, odd) [MWTThF]	4		

Physical Science (8 hours)

PHS 2005	Physical Science for Ele/Mid School Teachers (S)	5		
PHS 3303	History/Philosophy of Science and Technology (F, even) [T/TH]	3		

Chemistry (5 hours)

CHE 1115	General Chemistry I (F) [MTWF]	5		
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* Hours counted in General Education

Elementary education majors with Middle School as a second area of certification will take one Field Experience Level 1 (observing/assisting) and two Field Experience Level 2 classes:

EDU 2121 Field Experience Level 1 in Middle School

EDU 3311 Field Experience Level 2, to be assigned in Grades 1,2,3

EDU 3321 Field Experience Level 2, to be assigned in Grades 4,5,6