

**For Elementary Education (K-6) majors who want to add Science in Middle School to their licenses:**

**Methods (4)**

*EDUC M312, Methods for Teaching MS/JH	3	_____	_____
*EDUC M301, Field Experience	1	_____	_____

**Student Teaching (3)**

*EDUC M470, Practicum	3	_____	_____
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**\*must be admitted to TEP**

**Science Requirements  
(27 hours)**

·EDUC-Q 200	3	_____	_____
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**Biology (8-9)**

·BIOL-Q 201 Biology for Elementary Teachers	4 or		
<b>OR</b> BIOL-L 107 Biological Concepts	5	_____	_____
·One additional course in Biology			
BIOL-L 201, ZOOL-Z 201, PLSC-B 201,	4 or		
BIOL-L 108	3	_____	_____

**Physical Science (8-14)**

·PHYS-Q 202	4 or		
<b>OR</b> PHYS-P 100 <b>AND</b> CHEM-C 108 or			
CHEM-C 101/121	9	_____	_____
·One additional course in Physics or Chemistry			
CHEM-C 108, CHEM-N 100	4-5	_____	_____

**Earth-Space Science (7-9)**

·GEOL-Q 203	4 or		
<b>OR</b> GEOL-G 111 <b>AND</b> one course in			
Astronomy	6	_____	_____
·One additional course in Earth-Space Science			
GEOL-G 112, Astronomy, GEOG-G 109,			
GEOL-G 210	3	_____	_____

Additional hours in Science to total at least 27		_____	_____
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**Courses other than those listed may be used with permission of advisor.**

Science Portfolio (can be part of Graduation Portfolio)  
 Required score on Praxis II – Middle School: Science (0439) **137**