

## Endorsement Area: Middle School (Grades 5-8)

The holder of this endorsement is authorized to teach ALL subjects in grades 5-8 with the exception of art, industrial arts, music, reading, physical education, and special education. This endorsement is an "add-on" endorsement to the Iowa General Elementary Endorsement (K-6) license or the Iowa Secondary Level Endorsements (7-12). The candidate for this endorsement must either currently hold a valid Iowa teacher's license (elementary or secondary) or be concurrently seeking elementary or secondary licensure.

### Core Courses:

Course #	Course Name	Hours	Date	Grade
Educ 131	Topics in Middle School Growth & Development	3		
Educ 134	Middle School Curriculum & Methods	3		

### One of the following:

Hist 75	American History to 1877	3		
Hist 76	American History since 1877	3		

### One of the following:

Hist 1	Passages to the Modern World to 1750	3		
Hist 2	Passages to the Modern World since 1750	3		

### One of the following:

Geog 2	Human Geography	3		
Geog 3	World Regional Geography	3		

(A higher-level course with algebra may be substituted.)

Math 20	College Algebra	4		
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### Additional Math--One of the following:

Math 17	Spirit of Mathematics	3		
Math 25	Structure of Math for Elementary Education I	3		
Math 50	Calculus I	4		
Math 54	Discrete Mathematics	3		

### One of the following:

*Bio 1	Biological Sciences I	4		
Bio 2	Biological Sciences II	4		
Bio 8	Introduction to Botany	4		
	Bio 1 and 2 are needed for a coaching endorsement			

Revised 12/05

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One of the following:

*Astr 1	Descriptive Astronomy	3-4		
*Chem 1	General Chemistry I	4		
*Env 35	One Earth: Global Environmental Science	3-4		
*Env 41	Principles of Geology	4		
*Phsc 1	Physical Science I (last offered: fall of '02)	4		
Phsc 51	Energy and the Environment	3		
Phy 1	Introductory Physics I	4		

Alternate Science/Math plan:

*Int. Science	Integrated Science in Nutrition (biology/math)	5		
*Int. Science	Integrated Science, Global Change (physical sci/math)	5		
	College level mathematics is used in these courses. If both courses are taken, life science, physical science AND the “additional mathematics” requirements are satisfied.			

One of the following:

Eng 135	Adolescent Literature	3		
Eng 136	Representation of Adolescence in American Fiction	3		
Educ 139/239	Intermediate Literacy Methods	3		

One of the following:

Eng 80	Introduction to English Linguistics	3		
Eng 102	Structure of Modern American English	3		
Educ 145	Into to Teaching English as a Second Language	3		

One of the following:

Rhet 73	Public Speaking	3		
Educ 140	Speech and the Classroom Teacher	3		

**TOTAL:** 37-42

**\*These courses are strongly recommended.**

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