

**Prerequisite Coursework for Admission to the
High School MAT Program
CHEMISTRY Endorsement**

INFORMATION: Either a B.S. in Interdisciplinary Studies - Science, or a B.S. in Chemistry are appropriate for admission as long as 57 hours in the below listed chemistry courses are satisfied. Completion of a Chemistry B.S. degree (see college catalog) will also include associated requirements of one year of Physics and Math through Calculus II.

Requirements for Admission to MAT Program with Chemistry Certification

<u>Course</u>	<u>SOU Equivalent</u>	<u>Credits</u>	<u>Has</u>	<u>Needs</u>
One year of General Chemistry with Lab	Ch 201, 202, 203, 204, 205, 206	15	_____	_____
One year of Organic Chemistry with Lab	Ch 334, 335, 336, 337, 340, 341	16	_____	_____
Analytical Chemistry with Lab	Ch 421, 422	4	_____	_____
Instrumental analysis with Lab	Ch 425, 426	4	_____	_____
Physical Chemistry	Ch 441	3	_____	_____
Computer Applications in Chemistry	Ch 371	3	_____	_____
Chemical Literature and Writing	Ch 314, 315	2	_____	_____
Ten (10) Upper Division Chemistry Electives such as:				
Inorganic Chemistry	Ch 411, 414		_____	_____
Physical Chemistry Lab	Ch 444		_____	_____
Biochemistry	Ch 451, 452, 453, 454, 455, or 350		_____	_____
Research or Senior Project	Ch 497, 498, 499, or 401		_____	_____
		<u>10</u>		
	TOTAL Chemistry Credits	57		
One year of General Physics with Lab	Ph 221, 222, 223, 224, 225, 226	12	_____	_____
Math through Calculus II	Mth 112, 251, 252	<u>12</u>	_____	_____
	Total other Credits	24		

SPECIALTY AREA TESTS - CHEMISTRY

Passing scores on the following PRAXIS II test will be required for admission to or of completion the MAT program (see testing policy outlined on MAT Program flyer):

20245 Chemistry: Content Knowledge

For additional information about these requirements please contact:

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