

My DegreeMap  
**TROY UNIVERSITY**  
 College of Education Recommended Academic Plan  
 Chemistry Education Program Year 2013-2014

1 <sup>st</sup> Semester/Term 1	Hours	2 <sup>nd</sup> Semester/Term 2	Hours
Troy 1101 University Orientation	1	ENG 1102/04 Comp/Mod English II	3
ENG 1101/03 Comp/Mod English I#	3	CHM 1143/lab Gen Chem II/lab	4
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AREAI, Group 3 literature course option	3	COM	
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\*Indicates an international scope class (6 hours required)

\*\*A sequence is required in either literature or history. Make selections from AREAI and IV accordingly.

\*\*\*CHM 3352 and lab are required for Alabama

## General Studies: Chemistry Education (55 Hours)

Complete all 6 subrequirements

### A: AREA I:

<b>ENG-1101 Comp and Modern English I</b>	<b>3 hours</b>
<b>ENG-1102 Comp and Modern English II</b>	<b>3 hours</b>

### B. AREA II:

Group 1: Take COM 2241 Fundamentals of Speech	3 hours
Group 2: Select two courses from *ART 1133, *MUS 1131 Or DRA 2200	4 hours
Group 3: Take three semester hours from the following: *ENG 2205, *ENG 2206, ENG 2211, ENG 2212, ENG 2244, ENG 2245,	3 hours
Group 4: Take three semester hours from the following: *CLA 2260, *ENG 2205, *ENG 2206, ENG 2211, ENG 2212, ENG 2244, ENG 2245, *FRN 1101, *GER 1121, *GRK 1111, IDS 2200, *LAT 1131, PHI 2203, PHI 2204, *ANT 2280 or *SPN 1141	3 hours

### C. AREA III:

Take the following courses:

## Chemistry Education - Program Year 2013-2014 - (34 hours)

A. **Chemistry Major** - Take the following courses:

CHM 1143/L General Chemistry II/Lab	3/1 hours
CHM 2242/L Analytical Chemistry/Lab	3/1 hours
CHM 3342/L Organic Chemistry I/Lab	3/1 hours
CHM 3343/L Organic Chemistry II/Lab	3/1 hours
CHM 3381/L Physical Chemistry I/Lab	3/1 hours
CHM 3382 Physical Chemistry II	3 hours
CHM 4444 Advanced Inorganic Chemistry	3 hours
CHM 4445/L Instrumental Analysis/Lab	3/1 hours
MTH 1126 Calculus II	4 hours

B. Take 3 hours of chemistry electives from the following: 3 hours

CHM 3352/L352 (3/1), CHM L382 (1), CHM 4400 (3),  
CHM 4403 (3), CHM L444 (1), CHM 4491/4492/4493/  
4494 (1-3), or CHM 4499. NOTE: CHM 3352/L352  
is required for AL teacher certification. Minimum  
grade of 'C' required in all course work in the major.

**Educatio Major – (42 hours)**

**Minimum grade of 'C' required in all course work in the major.**

Take the following courses:

EDU 3305	Microcomputers in Education	3 hours
EDU 3310	The Professional Educator	3 hours
SED 4400	Classroom Management	3 hours
EDU 4471	Curriculum & Instruction Design	3 hours
PSY 3303	Educational Psychology	3 hours
RED 4484	Language & Literacy Learning IV	3 hours
SED 3346	Educational Assessment	3 hours
SED 4400	Classroom Management	3 hours
SPE 3340	Diverse Learners	3 hours
CHM 4481	Methods and Materials	3 hours