



**Chemistry**  
Advising Worksheet  
*Starting in 2011-2012*

Augustana College  
Education Department

Name:	ID#:
Major:	Minor:
Major Advisor:	
Date	Notes
<b>Discussion Points:</b>	
3.0 GPA	Courses requiring C- or better:
Basic Skills, Content & APT Tests (Max 5x)	College Writing (LSFY-101 or equivalent)*
International Term – Augie Choice	PSYC-214
Middle School Endorsement?	
Program Evaluation	
Portfolio Review	ISBE Rule – no grade below a C in any required courses.
	All EDUC courses* (not more than 2 below B-)
	*If the grade is below B-, a plan of improvement is required.

## Major for Teaching Chemistry (ADCH – EDCH)

*Illinois certification qualifies teaching in  
Chemistry, Biology,  
Earth & Space Science, Environmental Science and Physics  
but only Chemistry at the honors or AP level.*

Required Courses			
Course Number		Course Name	Credits
	CHEM-121PN,I	General Chemistry 1	3
	CHEM-122PN,I	General Chemistry 2	3
	CHEM-200	Quantitative Analysis Chemistry	3
	CHEM-123	General Chemistry 3 <b>OR</b>	3
	CHEM-225	Introductory Inorganic Chemistry	
	CHEM-311	Organic Chemistry 1	3
	CHEM-312	Organic Chemistry 2	3
	CHEM-313	Organic Chemistry 3	3
	CHEM-361	Physical Chemistry 1	3
	CHEM-362	Physical Chemistry 2	3
	CHEM-372	Physical Chemistry Lab	1
	CHEM-403	Instrumental Analysis	3
	CHEM-411	Biochemistry 1	3
	CHEM-451	Chemistry Literature	1
Total Credits – Chemistry			35
Grand Total			

Required Supporting Courses			
Course Number		Course Name	Credits
	BIOL-200PN	General Zoology	3
	BIOL-210	Cell Biology	3
	BIOL-220	General Botany	3
	PHYS-101PN,I	Principles of Physics I	3
	PHYS-102PN,I	Principles of Physics II	3
	PHYS-103PN,I	Principles of Physics III	3
	GEOG-101PN,I	Global Weather & Climate Systems	3
	GEOL-101PN,I	Physical Geology	3
	GEOL-115PN,I	Environmental Geology	3
	GEOG-103PN,I	Water and Land Resources	
	ASTR-315PN	Stars, Nebulae and Galaxies	3
	MATH-219Q	Calculus I	3
	MATH-220Q	Calculus II	3
	MATH-221	Calculus III	3
	MATH-338	Differential Equations	
Total Credits – Required Supporting Courses			39
Total Credits – Chemistry & Supporting Science			74

Notes:

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Chemistry – Tentative Schedule									
FALL		WINTER		SPRING		SUMMER		Take...	
LSFY 101	3	LSFY 102	3	LSFY 103	3			PSYC-100	
								POLS-101	
								HIST-13x	
								Foreign Lang.	
								PA	
								PE, PE	
								Q	
Total Credits		Total Credits		Total Credits		Total Credits			
		EDUC 300 Educ. Psychology	3	EDUC 330* Assess Learning	3			RELG 201, 203, 205, 207 or 209	
		PSYC 214 Adolescent Dev	3						
								PN/I	
Basic Skills Test*		TB Test*						*Linked to EDUC 300	
Total Credits		Total Credits		Total Credits		Total Credits			
EDUC 380 General Methods	3			EDUC 386 Science Methods	3				
EDUC 340* Inclusion	3	EDUC 310 Computers	2						
		EDUC 396** Middle Sch Clin	1	EDUC 397** HS Clinical	1				
		EDUC 412	3						
				Content Test before ST					
Total Credits		Total Credits		Total Credits		Total Credits			
								3151/2011†	
EDUC 422 Seminar	1	EDUC 450 School and Society	3						
EDUC 490 Student Teaching	9								
		APT before graduation							
Total Credits		Total Credits		Total Credits		Total Credits			

**\*\*If Student Teaching is in winter, then clinicals move to spring and fall.**

**GENERAL EDUCATION REQUIREMENTS & EDUCATION'S REQUIRED SUPPORTING COURSES**

- \_\_\_\_\_ \* **Perspectives on the Arts (PA)**  
THEA-141 or THEA-240 **RECOMMENDED**
- EDUC-450 \_\_\_\_\_ \* **Perspectives on Human Existence and Values (PH)**  
EDUC-450 **REQUIRED**; ENGL-237, RELG-326, or RELG-327 **RECOMMENDED**
- PSYC-100 POLS-101 \* **Perspectives on Individuals and Society (PS)**  
PSYC-100 and POLS-101 (or POLS-102) **REQUIRED**  
POLS-101 AP *does not* count toward Perspectives but *does* count toward Education
- \_\_\_\_\_ \* **Perspectives on Literature and Texts (PL)**
- \_\_\_\_\_ \* **Perspectives on the Past (PP)**  
HIST-130, -131, -132, -335, -373 OR upper division US History **REQUIRED**  
US HIST AP *does not* count toward Perspectives but *does* count toward Education
- CHEM-121 BIOL-200 \* **Perspectives on the Natural World (PN)**  
GEOG-101, GEOG-102, or GEOG-103 **RECOMMENDED** for social science majors

\*Complete a 2<sup>nd</sup> course in 3 of the Perspectives using a different subject code from the 1<sup>st</sup>. No more than 2 courses with the same subject code overall can count toward the Perspectives group requirement.

- \_\_\_\_\_ **Foreign Language** (9 hours or equivalent)
- \_\_\_\_\_ **Christian Traditions:** RELG-201(PS), 203(PH), 205(PP), 207(PL) or 209(PH)  
or Logos/Foundations with a RELG professor
- CHEM-121 **Investigative Laboratory (I)** MATH-220 **Quantitative Reasoning (Q)**
- \_\_\_\_\_ **Global (G)** \_\_\_\_\_ **Diversity (D)**
- \_\_\_\_\_ **HEPE: 2 activity courses**
- \_\_\_\_\_ **Learning Community** (HONR-220, 221, 222 or international term qualify)
- \_\_\_\_\_ **PSYC-214** (Pre-requisite for EDUC-340)

**PROFESSIONAL SEQUENCE (35 Credits)**

EDUC-300	Educational Psychology	_____ (3)
EDUC-330	Assessing Learning	_____ (2)
EDUC-340	Methods of Inclusion	_____ (3)
EDUC-310	Computers in Education	_____ (2)
EDUC-380	Secondary: General Methods	_____ (3)
EDUC-386	Science Methods	_____ (3)
EDUC-396	Middle School Clinical	_____ (1)
EDUC-397	High School Clinical	_____ (1)
EDUC-412	Secondary Literacy Methods	_____ (3)
EDUC-490	Student Teaching	_____ (9)
EDUC-422	Seminar	_____ (1)
EDUC-450	School and Society	_____ (3)

**ILLINOIS TEACHER TESTING REQUIREMENTS**

- \_\_\_\_\_ **Basic Skills Test** (cannot advance beyond EDUC-300 until successfully completed)
- \_\_\_\_\_ **Content Test** (recommend completing before student teaching; required for program completion)
- \_\_\_\_\_ **Assessment of Professional Teaching** (must be successfully completed for Illinois teacher certification)  
Register at [www.icts.nesinc.com](http://www.icts.nesinc.com)

**PROGRAM DEVIATIONS**

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