

## ADOLESCENCE EDUCATION CHEMISTRY with General Science Extension – B.S. – 2009-10

(To the student: Please make sure you are using the correct check sheet based on your enrollment year. Official check sheets should be secured only from the Registration Office. YOU are responsible for making sure you are on the correct check sheet, in sync with Registration, and completing all program requirements accurately and on time.)

Min Total Hours Required: 144  
 Total Lib Arts Hrs Req'd: 60  
 Min overall GPA-acc 2.7; rem 2.7; grad 2.7  
 Min major GPA to grad: 2.7  
 Other: No grade less than C in mjr, C+ in 100-200 Ed courses, B- in 300-400 Ed crs

Residence Requirements:

31 Hrs at RWC: \_\_\_\_\_  
 15 Hrs in Major at RWC: \_\_\_\_\_  
 Of last 31 Hrs, 24 at RWC: \_\_\_\_\_

Student Name: \_\_\_\_\_ Trnsfr: \_\_\_\_\_  
 Advisor: \_\_\_\_\_ Advocate: \_\_\_\_\_  
 Accepted to Major (Mth-Sci Div) on: \_\_\_\_\_  
 Apld to TE Div (after 2 TE crs): \_\_\_\_\_  
 Apld to Stu Teach (1/15-F; 9/1-S): \_\_\_\_\_  
 Degree Appl submitted on: \_\_\_\_\_

General Education Requirements		SHr	Grd
Pick one from the following*:			
ART 101	Intro to Visual Arts (or a <i>Non-Liberal Arts</i> studio art course)	2, 3	
MUS 104	Intro to Music	2	
FNA 102	Intro to Dance	2	
PSY 203	Child & Adlscnt Dev (Beh Sci)	3	
	Foreign Language♦	(3)	
	Foreign Language♦	(3)	
N/A	Foreign Language♦	N/A	N/A
	Hist, Econ, Soc Sci Elective	3	
N/A	Lab Science	N/A	N/A
BIB 101	Old Tstmnt Lit & Theol**	3	
<i>BIB 102</i>	<i>NEW TSTMNT LIT &amp; THEOL</i>	3	
CMC 101	Principles of Speech**≈	2	Min C
CMP 101	Principles of Writing*≈	3	Min C
<i>CMP 102</i>	<i>WRITING &amp; RESEARCH*€</i>	3	
GED 100	First-Year Seminar**	2	
GED 401	Senior Seminar**	2	
HST 102/103	Western Civ I or II**	3	
LIT 101	Intro to Literature	3	
MTH	Mathematics♦	N/A	N/A
PED 100	Fitness for Life	1	
PED	Physical Ed Skills♣	1	
PHL 202	Phil & Ethical Issues**	3	

Requirements for NYS Adolescence (7-12) Teaching Certification with 5-6 Chem/Genl Sci Ext: 41 Hours		SHr	Grd
EDU 098	SAVE (School Violence Prevention)	0	
EDU 099	Child Abuse Detection & Intervention	0	
EDU 190	Exceptional People ≈	3	
EDU 190 OPE	Obsrvtn Prtcp Exp-Exc Ppl-25 hrs ≈	0	
EDU 202	Foundations of Education ≈	3	
EDU 302	Principles of Education	3	
EDU 302 OPE	Obsrvtn Prtcp Exp-P of Ed-25 hrs	0	
EDU 307	Assessment for Inclusive Settings	3	
EDU 307 OPE	Obs Prtcp Exp-Asmt Incl Stgs-25 hrs	0	
EDU 314	Methods of Teaching Sec Science	3	
EDU 314 OPE	Obs Prtcp Exp-Sec Sci Mthds-25 hrs	0	
EDU 330	Classroom/Behavior Management	3	
EDU 370	Middle School Theory/Practice	3	
EDU 370 OPE	Obs Prtcp Exp-Mid Sch Thr/Prc-25 hrs	0	
EDU 379	Reading in the Content Area	3	
EDU 379 OPE	Obs Prtcp Exp-Rdng Cnt Area-25 hrs	0	
EDU 380	Language Acquisition & Literacy Dev	3	
<i>EDU 402 A</i>	<i>STUDENT TEACHING</i>	6	
<i>EDU 402 B</i>	<i>STUDENT TEACHING</i>	6	
<i>EDU 442</i>	<i>ADOL ED STUDENT TEACHING CAPSTONE</i>	2	

Major Requirements: 48 Hrs (30 CHM & 18 support)		SHr	Grd
<i>CHM 111 &amp; 111L</i>	<i>PRIN OF CHEM I &amp; PRIN CHM I LAB</i>	3, 1	
<i>CHM 112 &amp; 112L</i>	<i>PRIN OF CHEM II &amp; PRIN CHM II LAB</i>	3, 1	
<b>CHM 121</b>	<b>ANALYTICAL CHEMISTRY WITH LAB</b>	<b>4</b>	
<i>CHM 211 &amp; 211L</i>	<i>ORGANIC CHEM I &amp; ORG CHM I LAB</i>	3, 1	
<i>CHM 212 &amp; 212L</i>	<i>ORGNC CHEM II &amp; ORG CHM II LAB</i>	3, 1	
<b>CHM 301 &amp; 301L</b>	<b>PHYSCL CHEM I &amp; PHY CHM I LAB</b>	<b>3, 1</b>	
<b>CHM 304</b>	<b>INSTRUMENTAL MTHDS OF ANLYS</b>	<b>4</b>	
CHM 460	Chemistry Seminar	1	
<i>CHM 498</i>	<i>UNDERGRADUATE RESEARCH</i>	1	
CSC 101 or CSC 140	Introduction to Computers or COMPUTER SCIENCE I	2 4	
<i>MTH 281</i>	<i>CALCULUS I</i>	4	
<i>MTH 282</i>	<i>CALCULUS II</i>	4	
<i>PHY 101 or 201</i>	<i>GEN PHYSICS I OR PHYS for ENGRS I</i>	4	
<i>PHY 102 or 202</i>	<i>GEN PHYSICS II OR PHY for ENGRS II</i>	4	

Gen Sci Ext Rqmt: Add'l 18 Hrs in two Sciences other than Chemistry	SHr	Grd

\*Honors students may elect to take FNA 101H instead of ART/MUS/FNA;  
 \*Honors students may elect to take CMP 103H instead of CMP 101 & 102; however those not also transferring in a writing course must take an add'l 3-hr Lib Arts elctv  
 \*\*Honors version of course available for Honors Students  
 ≈Must be completed within first 2 semesters  
 € Completion within first 2 years is recommended  
 ♣No more than 2 hrs may be counted toward degree  
 ♦Or proficiency as outlined in the College catalog

If Transfer student, total # transfer hours: \_\_\_\_\_

Date	Total Hours	Total LA Hours	Date	Total Hours	Total LA Hours

Liberal Arts courses: ART-appreciation/history, ASL, AST, BCH, BIB, BIO, CHM, CMC, CMP, CSC-selected, ECN, ESC, ESL, FNA, FRN, GED, GEO, GRK, GRN, HEB, HST, HUM, LIT, MTH, MUS-aural/hist/lit/theory, PHL, PHS, PHY, PSC, PSY, REL, RST, SOC, SPN, THE, THR-history, WST  
**Cannot count as Liberal Arts:** ACC, ART-studio/practicum, BUA (incl Bus Math/Bus Comm), CRJ, CSC-applctn/prog lang/practicum, EDU, INT, MGT, MKT, MIN, MUS-appld/mthds/pedagogy/prfrmnc/practicum, NSC, NSG, PED, PPE, SWK, THR-methods

Shading=Lib Arts; *ITALICIZED CAPS*=PRE-REQ NEEDED; **Bold**=Offered alternate years or on demand