

ADOLESCENCE EDUCATION PHYSICS 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: 142
 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-LA</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 & 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 & 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	
N/A	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 Physics/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: 46 Hours (30 PHY & 16 support)		SHr	Grd
<i>PHY 201</i>	<i>PHYSICS for ENGNRS/SCIENTISTS I</i>	4	
<i>PHY 202</i>	<i>PHYSICS for ENGNRS/SCIENTISTS II</i>	4	
<i>PHY 203</i>	<i>PHYSICS for ENGNRS/SCIENTISTS III</i>	4	
<i>PHY 401</i>	<i>QUANTUM PHYSICS</i>	3	
Physics Electives (6 Hrs)			
<i>PHY</i>		3-4	
<i>PHY</i>		3-4	
300-400-level Physics Electives (9 Hrs)			
<i>PHY</i>		3-4	
<i>PHY</i>		3-4	
<i>PHY</i>		3-4	
<i>CSC 140</i>	<i>COMPUTER SCIENCE I</i>	4	
<i>MTH 281</i>	<i>CALCULUS I</i>	4	
<i>MTH 282</i>	<i>CALCULUS II</i>	4	
<i>MTH 283</i>	<i>CALCULUS III</i>	4	

Recommended Courses		SHr	Grd
<i>CSC 180</i>	<i>C/C++ PROGRAMMING</i>	1	
<i>MTH 301</i>	<i>DIFFERENTIAL EQUATIONS</i>	3	

Gen Sci Ext Rqmt: 18 Hrs in two Sciences other than Physics		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-applied/methods/pedagogy/performance/practicum, NSC, NSG, PED, PPE, SWK, THR-methods

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