

# **ADOLESCENCE EDUCATION PHYSICS 7-12 (with *Optional* 5-6 PHYSICS Extension)**

## **And (Optional STUDENTS WITH DISABILITIES GENERALIST WITH PHYSICS 7-12 EXTENSION) – B.S. – 2021-22**

To the student: Please make sure you are using the correct check sheet based on your enrollment year. YOU are responsible for making sure you are on the correct check sheet and completing all program requirements accurately and on time.

Min Total Hours Required: 124  
Total Lib Arts Hrs Req'd: 62  
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 PHYS mjr,  
C- in supporting courses, C+ in 1000  
TEDU courses, B- in 2000+ TEDU crs

Residence Requirements:  
31 Hrs at RWC  
15 Hrs in Major at RWC  
Of last 31 Hrs, 24 at RWC

Name: \_\_\_\_\_

Shared Core		SHr	Grd
FYSE 1000	First Year Seminar	2	
COMP 1010	Prin Writing	3	Min C
PHST 1300	Personal Wellness	1	
BIBL 1010	Encounter the OT	3	
BIBL 1020	Engaging the NT	3	
ECON 1050	Personal Financial Success	1	
HIST 1400	Western History Global Con	3	
SRSE 4100	Senior Seminar	2	

Choice Core		SHr	Grd
COMP 1020	Writing & Research	3	
PHIL 2202	Philosophical Ethics	3	
LITR 1010	Intro Literature	3	
COMM 1105	Fund of Oral Communication	3	Min C
PSYC 2030	Child & Adlsent Dev (Beh Sci)	3	
	Social Science	3	
N/A	Lab Science	N/A	N/A
N/A	Mathematics	N/A	N/A
	Fine Arts	2	

Foreign Language		SHr	Grd
	Foreign Language♦	3	
	Foreign Language♦	3	
N/A	Foreign Language♦	N/A	N/A

Honors program students will have substitutions for several Gen Ed courses

♦Or proficiency as outlined in the College catalog

To Add Optional Students with Disabilities 7-12 Generalist Extension 12 Hours			
TEDU 3650	Assessment for Special Ed	3	
TEDU 3900	Collaboration for Learning	3	
HIST 3061	History for Adolescent Teachers	3	
LITR 3610	Literature for Adol. Teachers	3	

Education Workshops		
School Violence Prevention/Intervntn	0	
Id & Reporting Child Abuse/Maltrmtnt	0	
Autism Training	0	
Dignity for All Students	0	

Requirements for NYS Adolescence Physics (7-12)		SHr	Grd
Teaching Certification: 35 hrs			
TEDU 1850	Education in a Changing World	3	
TEDU 1950	Foundations of Special Ed	3	
TEDU 2350	Curriculum, Instruction & Assessmt I	3	
TEDU 2600	Learning & Dev in Early Adolescence	3	
TEDU 2940	Integrated Literacy Practices	3	
TEDU 3570	Literacy in Adolescent Classrooms	3	
TEDU 3600	Creating Inc Lrng Communities	3	
TEDU 3850	Secondary Content Methods	3	
TEDU 4020	Student Teaching A	6	
TEDU 4021	Student Teaching B	6	
TEDU 4420	Adol Ed Student Teaching Seminar	2	
■ This course is not required if doing the SWD Generalist Extension Only			

Major Requirements: 46 Hours (min C in 30 cr hrs in PHYS; min C- in 16 cr hrs of supporting courses)		SHr	Grd
PHYS 2001	Physics for Engnrs/Scientists I	3	
PHYS 2001 L	Phys for Engnrs/Scientists I lab	1	
PHYS 2002	Physics for Engnrs/Scientists II	3	
PHYS 2002 L	Phy for Engnrs/Scientists I LabI	1	
PHYS 2003	Modern Physics	3	
PHYS 2003 L	Modern Physics lab	1	
PHYS 4030	Quantum Physics	3	
Physics Electives (6 Hrs)			
PHYS		3-4	
PHYS		3-4	
3000-4000-level Physics Electives (9 Hrs)			
PHYS		3-4	
PHYS		3-4	
PHYS		3-4	
CSCI 2010	Computer Science I	4	
MATH 2281	Calculus I	4	
MATH 2282	Calculus II	4	
MATH 2283	Calculus III	4	

Recommended Courses		SHr	Grd
CSCI 2280	C/C++ Programming	1	
MATH 3210	Differential Equations	3	

Shading=Lib Arts