CLARION UNIVERSITY OF PENNSYLVANIA College of Education, Health, and Human Services

SECONDARY EDUCATION PHYSICS

Name	Transfer *
ID#	**
CUP Entrance Date	Date Cr Cr Date Cr Cr Date Cr Cr
Program Entry Date	
Advisor	
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GENERAL EDUCATION REQUIREMENTS (48 Credits)	SECONDARY EDUCATION CORE - 33 CREDITS
Please refer to the approved list of Gen Ed courses that appear in the	ED 110: Ed Foundations for Middle & High School 3
published class schedule.	ED 122: Educational Psychology II – B
	ED 125 School Law and Ethics 3
I. LIBERAL EDUCATION SKILLS – 14 CREDITS	ED 225: Multicultural Education II – B
	ED 327: Instruct. Strategies and Mgmt ED 333: Reading in the Content Area 3
A. English Composition (3-6 credits)	ED 333: Reading in the Content Area 3
*ENGL 111: College Writing II 3	ED 350: Teaching English Language Learners <u>II – C</u>
	ED 350: Teaching English Language Learners SPED 442: Differentiating Instruction SPED 447: Teaching Students with Disabilities 3
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B. Mathematics Competency ¹ (3 credits) *MATH 270: Calculus I 4	CHOOSE ONE OF THE FOLLOWING:
*MATH 2/0: Calculus I 4	SPED 111 Intro to Spec. Ed. & MTSS 3
	OR SPED 418 Everet in Page Classes on
C. Credits to total 12 in Category I, selected from at least two of the following: Academic Support, Communication, Computer Information	SPED 418 Except. in Reg. Classroom
Science, Elementary Foreign Language, English Composition, INQ 100,	SECONDARY BLOCK** – Must be taken concurrently
Logic, and Speech Communication.	**ED 329: Ed Evaluation and Authentic Assessment 3
*MATH 271: Calculus II 4	**ED 332: Methods of Teaching Secondary Science 3
*MATH 271: Calculus II 4 **ED 417: Technology Integration 3	**ED 417: Technology Integration Middle Level & HS
**Take ED 417 concurrent with ED 329 & 332	25 11/1 Toolmetogy integration intuite 26 for 66 file
	STUDENT TEACHING
II. LIBERAL KNOWLEDGE – 28 CREDITS	ED 424: Student Teaching 3-6
	ED 424: Student Teaching 3-6 ED 425: Student Teaching 3-6
A. Physical and Biological Sciences (9 credits) Selected from at least two of	
the following: Biology, Chemistry, Earth Science, Mathematics ¹ , Physical	PHYSICS SPECIALIZATION - 45 CREDITS
Science and Physics.	MATH 272 Calculus III 4
Science and Physics. 3 *BIOL 111-499 3 *CHEM 153/163: General Chemistry I/Lab 4 *MATH 350: Differential Equations 3	MATH 272 Calculus III 4 PH 258: Intro Physics I Lecture 3 PH 268: Intro Physics I Lab 1 PH 259: Intro Physics II Lecture 3 PH 269: Intro Physics II Lab 1 PH 351: Mechanics: Dynamics 3
*CHEM 153/163: General Chemistry I/Lab 4	PH 268: Intro Physics I Lab
*MATH 350: Differential Equations 3	PH 259: Intro Physics II Lecture 3
D. Carial and Dalaminal Cairman (O. Cardita) Calcated form the fallowing	PH 269: Intro Physics II Lab
B. Social and Behavioral Sciences (9 Credits) Selected from the following: Anthropology, Economics, Geog., History, Political Science, Psychology,	PH 351: Mechanics: Dynamics 3 PH 352: Electricity and Magnetism OR
Sociology, Social Work, and Women's Studies.	PH 455: Analog Electronics 3
*FD 122: Educational Psychology 3	PH 455: Analog Electronics 3 PH 353: Modern Physics I 3
*ED 122: Educational Psychology 3 *ED 225: Multicultural Education 3 3 3 3	PH 354: Optics 3
3	PH 354: Optics 3 PH 371: Experimental Physics I 3 PH 372: Experimental Physics II 2
	PH 372: Experimental Physics II 2
C. Arts and Humanities (9 Credits) Selected from the following: Art, English	PH 461: Seminar 1
Language and Literature, Humanities, Intermediate Foreign Language and	PH:***
Cultures, INQ 100, Music, Philosophy, Speech and Theatre.	PH :*** 3
*ENGL Lit 3	PH:*** 3
*ED 350: Teaching English Language Learners 3	PH:***
3	SCED 476 STS Topics 3
III. HEALTH AND PERSONAL PERFORMANCE (3 Cr)	***To be selected from PH 254 or any 300 or 400 level physics courses.
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A. Health and Wellness (2 Credits)	
2	
Personal Performance (1 course and 1 credit)	
1	Required Proficiencies (Grade of C or Higher)
W.C. IEI & El &	
IV. General Education Electives	*Designates a course that fulfills a required proficiency.
Credits to total 48 from Gen. Ed. Up to 1 credit from III-B allowed.	Secondary Education Core, Secondary Block, Student Teaching
¹ Math 110 may only be used under I-C.	and Physics Specialization Courses require a Grade "C" or higher
FLAGS - Record below	L
* First Year Values (V) Writing Intensive (W)	
Quantitative Reasoning (Q) Writing Intensive (W)	
Second Year Values (V) Information Literacy (I)	