

PHYSICS / SECONDARY EDUCATION

POST-BACCALAUREATE PROGRAM

Major Requirements	Credits	Major Requirements	Credits	Secondary Education	Credits
PHYS 113	3	CHEM 113	3	EDUC 202	3
PHYS 113L	1	CHEM 113L	1	EDUC 231	1
PHYS 114	3	CHEM 114	3	EDUC 232	1
PHYS 114L	1	CHEM 114L	1	EDUC 235 ²	3
PHYS 231	3	MATH 129	4	EDUC 240 ²	3
PHYS 231L	1	MATH 130	4	EDUC 270	3
PHYS 330	3	MATH 231	4	EDUC 299³	0
PHYS 350	3	MATH 237	3	EDUC 302 ^{2,3}	3
PHYS 371	3	MATH 238	3	EDUC 305 ^{2,3}	3
PHYS 440	3			EDUC 350 ^{2,3}	3
PHYS 490	3			EDUC 366 ^{2,3}	3
PHYS Elective	3			EDUC 440 ³	3
PHYS Elective	3			EDUC 467 ^{2,3}	10
				EDUC 468 ^{2,3}	2
				Total Credits for Secondary Education	41
		Total Credits for Major	59		

Physics Electives - In addition to the Major Sequence requirements, a Physics Major must also complete a minimum of two (2) upper-level PHYS courses numbered 231 or higher. Some elective courses have a required laboratory component. Some courses in MATH or CHEM may be cross-listed as PHYS.

Physics Electives			
PHYS 241*	PHYS 233* [#]	PHYS 372 [#]	PHYS 340 [#]
PHYS 242*	PHYS 234*	PHYS 320 [#]	PHYS 450 [#]
*Required for some 3+2 Engineering students			
[#] Appropriate preparation courses for physics graduate programs			

² Updated Clearance Packets **REQUIRED** for EDUC 235, EDUC 240, EDUC 302, EDUC 305, EDUC 350, EDUC 366, EDUC 467, and EDUC 468.

³ EDUC 299 Basic Skills is a pre-requisite for all 300 and 400 level education courses. In order to register for this course, you must take and pass all basic skills tests.

NOTE: All Secondary Teacher Certification candidates must complete six credits of college level mathematics and six credits of college level English:

Math Courses	MATH 129	MATH 130
English Courses	CORE 110	CORE 16__

Must apply for formal acceptance to the Education Department after completing a minimum of 6 credits at King's College and no later than the semester prior to student teaching.

Certification in Pennsylvania requires the candidate to maintain a 3.0 GPA and complete the necessary testing requirements.