

Physics Education Major Courses (46-47 credits)

Required Major Courses (34 credits)

- _____ (4) PHYS 17200 (*also satisfies* CoS teambuilding experience requirement)
- _____ (4) PHYS 27200
- _____ (3) PHYS 30600 (fall)
- _____ (3) PHYS 30700 (spring)
- _____ (4) PHYS 31000 (fall)
- _____ (3) PHYS 33000 (fall)
- _____ (1) PHYS 34000
- _____ (4) PHYS 34400 (fall)
- _____ (3) PHYS 36000 (spring)
- _____ (3) PHYS 42200 (spring)
- _____ (2) PHYS 45000

Major Selective* - (12-13 credits)

- _____ (3) PHYS/ASTR ≥300 level
- _____ (3-4) PHYS 53600 or PHYS 580 (spring)
- _____ (3) Science/Engineering ≥300 level (could be met by CoS statistics requirement)
- _____ (3) Science/Engineering ≥300 level (could be met by CoS Great Issues requirement)

Other Departmental /Program Course Requirements (56-63 credits)

- _____ (4-5) MA 16100 or MA 16500
- _____ (4-5) MA 16200 or MA 16600
- _____ (4) MA 26100
- _____ (4) CHM 11500
- _____ (4) CHM 11600
- _____ (3-4) C S 15800 or CS 17700 or CS 18000 [LINK](#) (*satisfies* CoS Computing and Teambuilding Experience Requirement)
- _____ (3) STAT 30100 [LINK](#) or STAT 35000 or STAT 50300 or STAT 51100 (*satisfies* CoS statistics requirement) (*satisfies* one of the Science/Engineering requirements for Physics Selective)
- _____ (3-4) ENGL 10600 or ENGL 10800 [LINK](#) (*satisfies* CoS composition requirement)
- _____ (3) COM 21700 [LINK](#) (*satisfies* CoS technical writing and presenting requirement)
- _____ (3-4) Language I Selective - [LINK](#)
- _____ (3-4) Language II Selective - [LINK](#)
- _____ (3-4) Language and Culture III Selective - [LINK](#) (*could be met by* EDCI 28500)
- _____ (3) General Education Elective I [LINK](#)
- _____ (3) General Education Elective II [LINK](#)
- _____ (3) General Education Elective III [LINK](#) (*can be met by* EDPS 23500)
- _____ (3) Great Issues [LINK](#) (*satisfies* one of the Science/Engineering requirements for Physics Selective)
- _____ (3) Multidisciplinary Elective [LINK](#)

Professional Education Requirements (33 credits)

- _____ (3) EDCI 27000
- _____ (3) EDST 20000
- _____ (3) EDCI 20500
- _____ (3) EDCI 28500 (*Satisfies* CoS language/culture requirement)
- _____ (3) EDPS 23500 (*Satisfies* CoS General Education requirement)
- _____ (3) EDPS 26500
- _____ (3) EDCI 42400 (fall) (*also meets* CoS Multidisciplinary Requirement)
- _____ (2) EDCI 42800 (spring)
- _____ (10) EDCI 49800 (*also meets* CoS Teambuilding Experience Requirement)

The student is ultimately responsible for knowing and completing all degree requirements.

Degree Works is knowledge source for specific requirements and completion

Physics Education - Fall 2012

Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
4	PHYS 17200^ (HONORS)	MA 161 coreq	4	PHYS 27200^ (HONORS)	PHYS 17200 + MA 162 coreq
5	MA 16100^	ALEKS 75%	4	CHM 11600^	CHM 11500
4	CHM 11500	MA 161 coreq	5	MA 16200	
4	ENGL 10600		3	EDCI 27000	
17			16		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	PHYS 30600^	PHYS 272 + coreq MA 261	3	PHYS 30700^	PHYS 272 + coreq MA 261
1	PHYS 34000^	coreq Phys 344	3	PHYS 42200^	PHYS 272
4	PHYS 34400^	PHYS 272 + coreq MA 261	3	STAT 30100 (Sci/Engr Selective)	
4	MA 26100	MA 162	3	EDCI 20500	
3-4	LANGUAGE 101		3	EDCI 28500 (Culture)	
			3-4	LANGUAGE 102	Language 101
15-16			18-19		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
4	PHYS 31000^	PHYS 272 + MA 261	3	PHYS 36000^	(PHYS 310 or330) + PHYS 344
3	PHYS 33000^	PHYS 272 + MA 261	4 -3	PHYS 53600 (or PHYS 58000)	PHYS 272 (or PHYS 344 + 310)
2	PHYS 45000^	PHYS 42200	3	COM 21700	
3	EDPS 23500 (General Education)	EDCI 205,285 (C- or better)	3	General Ed	
3	EDPS 26500	EDCI 205,285 (C- or better)	3	EDST 20000	
3	General Ed				
18			15-16		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	PHYS/ASTR ≥ 300 level	Prerequisites may vary	2	EDCI 42800	EDCI 205,285, 424 (C- or better)
3	EDCI 42400 (Multidisciplinary)	EDCI 205,285 (C- or better)	10	EDCI 49800 (team experience)	EDCI 205,285 (C- or better)
3	Great Issues (Sci/Engr selective)	Prerequisites may vary			
3-4	CS 15800 (or CS 17700)	MA 161 coreq			
15-16			12		

≥124 semester credits required for Bachelor of Science degree.

2.0 Graduation GPA required for Bachelor of Science degree.

2.0 average in PHYS/ASTR classes required to graduate.

2.5 average in Physics Content courses required to graduate (those denoted by ^)

3.0 average in Professional Education courses required to graduate (No grade below a C-)

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