

Applied Physics Major Courses (61 credits)

Required Major Courses (37 credits)

- _____ (4) PHYS 17200 (*satisfies* CoS teambuilding experience requirement)
- _____ (4) PHYS 27200
- _____ (3) PHYS 30600 (fall)
- _____ (3) PHYS 30700 (spring)
- _____ (1) PHYS 34000
- _____ (4) PHYS 34400 (fall)
- _____ (4) PHYS 31000 (fall)
- _____ (3) PHYS 33000 (fall)
- _____ (3) PHYS 36000 (spring)
- _____ (3) PHYS 42200 (spring)
- _____ (2) PHYS 45000
- _____ (3) PHYS 51500 (spring)

Major Selective* - (24 credits - in chosen applied area(s) approved by the Physics Department)

- _____ () _____ () _____ () _____ () _____
 _____ () _____ () _____ () _____ () _____

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](#)
- _____ (3) General Education Elective I [LINK](#)
- _____ (3) General Education Elective II [LINK](#)
- _____ (3) General Education Elective III [LINK](#)
- _____ (3) Great Issues [LINK](#) (*satisfies* one of the Science/Engineering requirements for Physics Selective)
- _____ (3) Multidisciplinary Elective [LINK](#)

Electives (0 -3 credits)

- _____ () _____ () _____ () _____ () _____

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

Degree Works is knowledge source for specific requirements and completion

Applied Physics - 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		3-4	LANGUAGE 101	
17			16-17		

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 - 4	LANGUAGE 201/culture	Language 102/ usually no pre-req
4	MA 26100	MA 162	3	STAT 30100	
3 - 4	LANGUAGE 102	Language 101	3	Elective	Prerequisites may vary
15-16			15-16		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
4	PHYS 31000	PHYS 272 + MA 261	3	PHYS 36000	(PHYS 310 or 330) + PHYS 344
3	PHYS 33000	PHYS 272 + MA 261	3	PHYS 51500	Coreq PHYS 310 + 344 + 360 + 330
2	PHYS 45000	PHYS 42200	3	Applied Physics Elective	Prerequisites may vary
3	COM 21700		3	Applied Physics Elective	Prerequisites may vary
3 - 4	CS 15800 (or CS 17700)	MA 161 coreq	3	General Ed	
15 -16			15		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	Applied Physics Elective	Prerequisites may vary	3	Applied Physics Elective	Prerequisites may vary
3	Applied Physics Elective	Prerequisites may vary	3	Applied Physics Elective	Prerequisites may vary
3	Applied Physics Elective	Prerequisites may vary	3	Applied Physics Elective	Prerequisites may vary
3	Great Issues	Prerequisites may vary	3	General Ed	
3	General Ed		3	Multidisciplinary	
15			15		

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.**

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