

APPLIED PHYSICS

College of Science

Physics - BS APPH

≥120 Credits for graduation Credits

Annlied Phy	rsics Major Courses	(61 = 68 credits)							
	uired Major Courses								
(4)			core and CoS teambuilding experience requ	uirement)					
(4)	PHYS 27200 (also satisfies Science Selective for core)								
(3-6)									
(3-7)	PHYS 30700 (spring) or (MA 35100 (26500) and MA 36600 (26600))								
(1)	PHYS 34000								
(4)	PHYS 34400 (fall)								
(4)	PHYS 31000 (fall)								
(3)	PHYS 33000 (fall)								
(3)	PHYS 36000 (spring)								
(3)	PHYS 42200 (spring)								
(2) (3)	PHYS 45000								
(3)	PHYS 51500 (spring)								
Maj	or Selective* - (24 c	redits - in chosen applie	ed area(s) approved by the Physics Department	artment)					
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Oth	er Departmental /P	rogram Course Requir	rements (41-68 credits)						
(4-5)	MA 16100 or MA 1650	00 (satisfies Quantitative I	Reasoning Selective for core)						
(4-5)		-	Reasoning Selective for core)						
(4)	MA 26100 (satisfies <i>Quantitative Reasoning Selective</i> for core)								
(4)	CHM 11500 (satisfies Science Selective for core)								
(4)		Science Selective for core)							
(3-4)			fies CoS Computing and Teambuilding Expe						
			Selective for core) or STAT 35000 or STAT 5						
(3)			nce/Engineering requirements for Physics S						
		10800 <mark>LINK</mark> (satisfies Writ	tten Communication & Information Literacy	for core and CoS composition					
(3-6)	requirement)								
(0-6)		-	for core and CoS technical writing and prese	enting requirement)					
(0-4)	Language I Selective -								
(0-4)	Language II Selective		COULD and for House Colleges House	and the Constant					
(0-4)		•	t courses COULD satisfy Human Cultures Hum	-					
(3)			es could satisfy Human Cultures Humanities f	-					
(3)			es could satisfy Human Cultures Humanities						
(3)			ses could satisfy Humanities Behavioral/Soci						
(3)			Engineering requirements for Physics Selection						
(0-3)	Multidisciplinary Elec	tive <u>LINK</u> (Select courses co	ould satisfy Science, Technology & Society Sel	ective for core)					
Electives	(≤ 18 credits)								
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University (ore Requirements <u>l</u>	<u>INK</u>							
Human Cultures Hu	manities		Science, Technology & Society Selective	П					
Human Cultures Be	havioral/Social Science		Written Communication	$ \overline{} $					
Information Literac			Oral Communication						
Science Selective	,		Quantitative Reasoning						
Science Selective									
-									
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	The student is u	timately responsible f	for knowing and completing all degr	ee requirements.					
	Degree W	orks is knowledge sou	urce for specific requirements and co	ompletion					

Applied Physics

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 85%	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 (Humanities)*	
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 (Behav./Social Science)*	
3	General Ed (Humanities)*		3	Multidisciplinary (STS)*	
15			15		

^{*}Satisfies a University Core Requirement

120 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.

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

Degree Works is knowledge source for specific requirements and completion