

APPLIED PHYSICS

College of Science

Physics - BS APPH

 \geq 120 Credits for graduation Credits

Applied Phy	sics Major Courses ((61 credits)						
	uired Major Courses							
			ore and CoS teambuilding experience requir	rement)				
	PHYS 27200 (also satisfies Science Selective for core)							
	HYS 30600 (fall)		,					
	PHYS 30700 (spring)							
	PHYS 34000 (spring)							
	PHYS 34400 (fall)							
	PHYS 31000 (fall)							
	HYS 33000 (fall)							
	HYS 36000 (spring)							
	HYS 42200 (spring)							
(2) P	PHYS 45000							
	PHYS 51500 (spring)							
Majo	or Selective* - (24 cr	redits - in chosen appl	ied area(s) approved by the Physics De	partment)				
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()		()	()	()				
Othe	er Denartmental /Pr	ngram Course Regu	irements (56-63 credits)					
(4-5)			e Reasoning Selective for core)					
(4-5)			e Reasoning Selective for core)					
(4)								
(4)	MA 26100 (satisfies Quantitative Reasoning Selective for core) CHM 11500 (satisfies Science Selective for core)							
(4)	CHM 11500 (satisfies Science Selective for core) CHM 11600 (satisfies Science Selective for core)							
(3-4)			, isfies CoS Computing and Teambuilding Exp	perience Requirement)				
								
(3)	(3) STAT 30100 LINK (satisfies Information Literacy Selective for core) 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)	8-4) ENGL 10600 or ENGL 10800 LINK (satisfies Written Communication & Information Literacy for core and CoS composition							
	requirement)							
(3)	COM 21700 LINK (satisfies Oral Communication for core and CoS technical writing and presenting requirement)							
(3-4)	Language I Selective -							
(3-4)	Language II Selective -							
(3-4)	~ ~	•	ct courses COULD satisfy Human Cultures Hu					
(3)	General Education Elec	ctive I <u>LINK</u> (Select cour.	ses could satisfy Human Cultures Humanities	for core)				
(3)	General Education Elec	ctive II <u>LINK</u> (Select cou	rses could satisfy Human Cultures Humanitie	s for core)				
(3)	General Education Elec	ctive III <mark>LINK</mark> (Select cou	urses could satisfy Humanities Behavioral/So	cial Science for core)				
(3)	Great Issues LINK (sati	sfies one of the Science	Engineering requirements for Physics Selec	ctive)				
(3)			could satisfy Science, Technology & Society S					
	(0 -3 credits)	()						
()		()	()	()				
				•••••				
University C	ore Requirements <u>L</u>	<u>INK</u>						
Human Cultures Hu	manities -	П	Science, Technology & Society Selectiv	e				
	havioral/Social Science		Written Communication					
Information Literac	·	П	Oral Communication					
Science Selective	•	П	Quantitative Reasoning					
Science Selective		П	Quantitative Neasoning					
Science Scientive		<u></u>						
*****	*******	*******	***********	*******				
	The student is ul	timately responsible	e for knowing and completing all deg	ree requirements.				
	Degree W	orks is knowledge s	ource for specific requirements and	completion				

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 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 (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