

BACHELOR OF ARTS IN PHYSICS DEGREE: READY FOR CALCULUS
FOUR YEAR FLOWCHART

	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
PHYSICS	Physics I PHYS 2211 (3) [MATH 1441]	Physics II PHYS 2212 (3) [PHYS 2211]	Modern I PHYS 3536 (3) [PHYS 2212]	Modern II PHYS 3537 (3) [PHYS 3536]	Classical Mech PHYS 5151 (5) [MA 3230/PH 2212]	Classical E & M PHYS 5152 (5) [PHYS 5151]		Thermal Physics PHYS 5530 (3) [PH 1112 or 2212]
	Phys Lab I PHYS 1113 (1) [PHYS 2211]	Phys Lab II PHYS 1114 (1) [PHYS 2212]	Adv Lab I PHYS 3420 (2)	Adv Lab II PHYS 3420 (2)				
PHYSICS ELECTIVES					Problem Solving PHYS 3520 (2) [PHYS 3537]	Optics PHYS 3131 (3) [PHYS 2212]		
MATH	Calculus I MATH 1441 (4) [MATH 1113]	Calculus II MATH 2242 (4) [MATH 1441]	Linear Algebra MATH 2331 (3) [MATH 2242]	Diff. Eqs. MATH 3230 (3) [MATH 2331]	Calculus III MATH 2243 (4) [MATH 2242]			
SCIENCE	Any Area D1 See catalog (4)	Any Area D3 See catalog (3-4)						Env Science (Refer to University catalog for options) (4)
HUMANITIES	Composition I ENGL 1101 (3)	Composition II ENGL 1102 (3) [ENGL 1101]			Area C Elective See catalog (3)	World Hist HIST 1112 (3)	World Literature ENGL 2111 (3) or ENGL 2112 (3)	
SOCIAL SCIENCES							American Govt POLS 1101 (3)	Economics ECON 2105 (3)
							Area E Elective See catalog (3)	U S History HIST 2110 (3)
ELECTIVE OR MINOR COURSES			* Foreign Lang (3)	* Foreign Lang (3)	* Foreign Lang (3)	* Foreign Lang (3)	* Minor (3)	* Minor (3)
			* Minor (3)	* Minor (3)			* Minor (3)	
UNIVERSITY OPTIONS	First Year Sem FYE 1220 (2)	P E KINS ? (1)			P E KINS ? (1)	Healthful Lvg HLTH 1520 (2)	Turning Points IDS 2210 (1)	
	17 hours	15 - 16 hours	14 hours	14 hours	18 hours	16 hours	16 hours	16 hours

Updated 5/9/08

Area A - Essential Skills	Area F - Courses Appropriate to the Major
Area B - Institutional Options	Area F - Specific Requirements
Area C - Humanities and Fine Arts	Area F - Required Physics Courses
Area D - Science, Mathematics, and Technology	Recommended Pre-Med Additional Courses
Area E - Social Science	Additional Requirements