College Document # _COAS057	
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EFFECTIVE CATALOG YEAR 2010-2011

COLL	EGE/SCHOOL:	COAS							
Currer	nt Catalog Page(s) Affected	87, 108							
	am: Add:X_ Change ption and 4-year plan. If in curres in red.	e: Attach new/changed rent catalog, copy and paste the							
of the	cation: This revision is to follow College of Arts and Sciences. Tore, 10 SCH (corrected) elective	The 6 SCH for required foreign	5 00	•					
Degre	e Requirements for the BA w	ith a Maior in Physical Scien	ce						
_	Hours Required: A minimum of 1	· ·	45 hours must l						
2.									
3.	·								
4.	Foreign language: 6 SCH (one lar	nguage).							
5.	Minor: A minimum of 18SCH fro	m one discipline at least twelve o	f which must be	e at the 3000-					
	4000 level. See Appendix C.								
6.	Electives: 4 SCH.								
Appro	vals:	Signature		Date					
Chair Departm	ment Curriculum Committee								
Chair Departm	ment								
Chair College	Curriculum Committee								
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BACHELOR OF ARTS MAJOR IN PHYSICAL SCIENCE

Following is **one** suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment. Students are responsible for reviewing the **Program of Study**Requirements.

^{**} See <u>Appendix C</u> for approved list of minors and requirements.

FALL FRESHI	MAN YEAR		HOURS	SPRING FRESHMA	N YEAR	t.	HOURS
cosc	1136	Funds of Progr Lab	1	COSC	1137	Obj Oriented Prog Lab	1
cosc	1336	Fundamentals of Progrmng	3	COSC	1337	Obj Oriented Programng	3
ENGL	1301	English Composition I	3	ENGL	1302	English Composition II	3
HIST	1301	The U.S. to 1877	3	HIST	1302	The U.S. Since 1877	3
MATH	2413	<u>Calculus I</u>	4	MATH	2414	Calculus II	4
PSCI	2305	American National Govt	<u>3</u>	PSCI	2306	American State Govt	<u>3</u>
Total			17				17
SOPHO	MORE YEAR	₹		SOPHOMO	RE YE	AR	
MATH	2371	Communication in Math	3	ENGL		Survey of Literature*	3
MATH	2415	Calculus III	4	MATH	3330	Ordinary Diff Equations	3
PHYS	2125	University Physics I Lab	1	PHYS	2126	University Physics II Lab	1
PHYS	2325	University Physics I	3	PHYS	2326	University Physics II	3
		Minor Curriculum**	3			Soc/Behavioral Science*	3
		Activity/Wellness*	<u>1</u>			Minor Curriculum**	<u>3</u>
Total			16				16
JUNIOR YEAR				JUNIOR YE	EAR		
MATH	3310	Intro to Linear Algebra	3	MATH	4350	Partial Diff Equations	3
PHYS	3320	Electromagnetic Theory	3	PHYS	3305	Optics&Wave Theory	3
PHYS	3315	Classical Mechanics	3			Adv Minor Curriculum**	3
		Adv Minor Curriculum**	3			Adv Minor Curriculum**	3
		Visual/Performing Arts*	<u>3</u>	Foreign Language			<u>3</u>
Total			16				15
SENIOR YEAR				SENIOR YE	EAR		
MATH	3195	Seminar (Free Elective)	1	MATH	4340	Numerical Analysis I	3

^{*}See <u>Appendix A</u> Core Curriculum and Optional Course Information.

PHYS	3310	Modern Physics	3	PHYS	4305	Quantum Mechanics	3
PHYS	3325	<u>Thermodynamics</u>	3	PHYS	4399	Special Topics in Phys	3
		Adv Minor Curriculum**	3			<u>Elective</u>	3
	Foreign Language		<u>3</u>				
Total			13				12

TOTAL SEMESTER CREDIT HOURS: 120

Actual degree plans may vary depending on availability of courses in a given semester.

Some courses may require prerequisites not listed.