



# 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 [Appendix A](#) *Core Curriculum and Optional Course Information*.

\*\* See [Appendix C](#) for approved list of minors and requirements.

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

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

**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.*