

# Degree Requirements

## COLLEGE OF SCIENCES

### B.S. in Physics

General Education Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
<b>English</b>		PHYS 1062 <sup>5</sup>	3
ENGL 1157	3	<b>Humanities</b>	
ENGL 1158 or 1159 <sup>1</sup>	3	Humanities Electives <sup>2</sup>	6
<b>Mathematics</b> <sup>3</sup>		Literature <sup>2</sup>	3
MATH 2114, 2124	8	<b>Social Sciences</b>	
<b>Science</b>		Social Sciences electives <sup>2</sup>	6
BIOS	3	<b>Arts</b>	
PHYS 1061 <sup>5</sup>	3	Arts elective <sup>2</sup>	3
<b>Total</b>			<b>39</b>

Other Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
CHEM 1017 and 1007	4	Applied Science and Engineering Electives	9
CHEM 1018 and 1008	4	MATH 2221	3
CSCI 1581/1583 or 1205	3	MATH 2134	4
Mathematics or Mathematical Physics Elective	3	Electives	19
<b>Total</b>			<b>51<sup>4</sup></b>

Course Requirements for Major			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
PHYS 1063, 1065 <sup>5</sup>	2	PHYS 4160	3
PHYS 2064	3	PHYS 4401	3
Physics Undergraduate Research <sup>6</sup>	3	PHYS 4601	3
PHYS 3198	1	PHYS 4501	3
PHYS 3301	3	Approved PHYS 3000+ level Electives	6
<b>Total</b>			<b>30</b>

Total Credit Hours Required
<b>120</b>

Additional Requirement
Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

<sup>1</sup> "C" or better required

<sup>2</sup> Check General Education Courses to confirm courses fulfilling this requirement.

<sup>3</sup> 6 credits of Math satisfy the general education requirements.

<sup>4</sup> Includes 2 credits of Math listed in general education requirements section.

<sup>5</sup> Physics 1031, 1032, 1033, and 1034 may be substituted with consent of the department.

<sup>6</sup> Research may be any combination of Physics 3094, 2191, 3191, or 4191 to a total three credit hours.