

BS in Mathematics and Physics – plan of study

(assumes no AP calculus or AP physics credit, and standard language placement)

**Bold = major requirement**

*Italics = Liberal Arts Curriculum Requirement*

	Fall	Spring	Course list (40 courses)	
Freshman	<p><b>Math 121</b>  <b>CSC 1</b>  <i>Phil 201</i>  <i>TRS 201 / Eng 101</i>  <i>Language 103</i></p>	<p><b>Math 122</b>  <b>Phys 215 &amp; 225</b>  <i>Phil 202</i>  <i>TRS 201 / Eng 101</i>  <i>Language 104</i></p>	<p><u>Math (10)</u>            Math 121            Math 122            Math 221            Math 222            Math 248            Math 301            Math 321            Math 322            Math 421            Math 400*            (= any 400-level Math)</p>	<p><u>Comp Sci (2)</u>            Two CSC from:            113, 123, 124,            212, or 223</p> <p><u>Liberal Arts (13)</u>            Phil 201            Phil 202            Phil elective            TRS 201            TRS 202            TRS elective            ENG 101            Literature LAC            Fine Arts LAC            History LAC            Soc. Sci LAC            Language 103            Language 104</p>
Sophomore	<p><b>Math 221</b>  <b>Phys 216 &amp; 226</b>  <b>CSC 2</b>  <i>TRS 202</i>  <i>LAC elective</i></p>	<p><b>Math 248</b>  <b>Math 301</b>  <b>Phys 406</b>  <i>LAC elective</i>            Free</p>	<p><u>Physics (10)</u>            Phys 215 &amp; 225            Phys 216 &amp; 226            Phys 406            Phys 411            Phys 412            Phys 425            Phys 431            Phys 432            Phys 435            Phys 436</p>	<p><u>Free Electives (5)</u>            Free elective 1            Free elective 2            Free elective 3            Free elective 4            Free elective 5</p>
Junior	<p><b>Math 321</b>  <b>Math 222</b>  <b>Phys 411</b>  <i>LAC elective</i>            Free</p>	<p><b>Math 322</b>  <b>Phys 412</b>  <b>Phys 425</b>  <i>LAC elective</i>            Free</p>		
Senior	<p><b>Math 421</b>  <b>Phys 431</b>  <b>Phys 435</b>  <i>LAC elective</i>            Free  <u>also: Math 498</u>            (comps – 0 credits)</p>	<p><b>Math 400*</b>  <b>Phys 432</b>  <b>Phys 436</b>  <i>LAC elective</i>            Free</p>		

- LAC Electives (6) = Literature, Fine Arts, Philosophy, History/Politics, Social Science, Theology
- Electives can be moved around of course. Most bold courses are only offered in the semester they are shown. (Exceptions: Math 121, 122, 221 are offered in both terms; several Math 400-level courses are offered each term, for the 400\* slot.)