

Department of Physics

Bachelor of Science, Applied Concentration Final Plan of Study

This plan of study is for advising purposes only.

Name of Student _____ Peoplesoft# _____ Expected Date of Graduation _____

ENGL 1007/1010/1011 _____ 2nd W Course _____ Second language Competency _____ E Course _____ Required Credits 120 _____

<p>Required Major Courses</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">___ PHYS 2300</td> <td style="width: 30%; text-align: right;">3</td> </tr> <tr> <td>___ PHYS 2501W</td> <td style="text-align: right;">4</td> </tr> <tr> <td>___ PHYS 3300</td> <td style="text-align: right;">3</td> </tr> <tr> <td>___ PHYS 3101</td> <td style="text-align: right;">3</td> </tr> <tr> <td>___ PHYS 3201</td> <td style="text-align: right;">3</td> </tr> </table> <p>9 credits from the following two restricted elective categories, with at least 3 credits of an advanced laboratory (3150, 3501, 4150):</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">___ PHYS 3150 OR</td> <td style="width: 30%; text-align: right;">3</td> </tr> <tr> <td>___ PHYS 3501 OR</td> <td style="text-align: right;">3</td> </tr> <tr> <td>___ PHYS 4150</td> <td style="text-align: right;">4</td> </tr> </table> <p>Remaining restricted elective credits from above advanced laboratory or the following:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">___ PHYS 4210 OR</td> <td style="width: 30%; text-align: right;">3</td> </tr> <tr> <td>___ PHYS 4350 OR</td> <td style="text-align: right;">3</td> </tr> <tr> <td>___ PHYS 4140 OR</td> <td style="text-align: right;">3</td> </tr> <tr> <td>___ PHYS 4710 OR 4720 OR 4730 OR 4740</td> <td style="text-align: right;">3</td> </tr> </table> <p>6 credits of Physics electives:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">_____</td> <td style="width: 30%; text-align: right;">_____</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">_____</td> </tr> </table>	___ PHYS 2300	3	___ PHYS 2501W	4	___ PHYS 3300	3	___ PHYS 3101	3	___ PHYS 3201	3	___ PHYS 3150 OR	3	___ PHYS 3501 OR	3	___ PHYS 4150	4	___ PHYS 4210 OR	3	___ PHYS 4350 OR	3	___ PHYS 4140 OR	3	___ PHYS 4710 OR 4720 OR 4730 OR 4740	3	_____	_____	_____	_____	<p>18 credits in related courses: Mathematics, engineering, other sciences Up to six credits may be in Physics Must be at least a 2000 course</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Courses</u></th> <th style="text-align: right;"><u>Credits</u></th> </tr> </thead> <tbody> <tr> <td>___ MATH 2110</td> <td style="text-align: right;">4</td> </tr> <tr> <td>___ MATH 2410</td> <td style="text-align: right;">3</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>_____</td> <td style="text-align: right;">_____</td> </tr> </tbody> </table> <p style="text-align: center;">----Physics Requirements Above This Line----</p> <p>CLAS Gen. Ed. Content Area I: 4 courses, one each from categories A-D from 4 different academic units</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">_____</td> <td style="width: 50%; text-align: center;">A</td> </tr> <tr> <td>_____</td> <td style="text-align: center;">B</td> </tr> <tr> <td>_____</td> <td style="text-align: center;">C</td> </tr> <tr> <td>_____</td> <td style="text-align: center;">D</td> </tr> </table> <p>CLAS Gen. Ed. Content Area II: 2 courses from 2 different academic units</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">_____</td> <td style="width: 50%; text-align: center;">_____</td> </tr> <tr> <td>_____</td> <td style="text-align: center;">_____</td> </tr> </table>	<u>Courses</u>	<u>Credits</u>	___ MATH 2110	4	___ MATH 2410	3	_____	_____	_____	_____	_____	_____	_____	_____	_____	A	_____	B	_____	C	_____	D	_____	_____	_____	_____	<p>CLAS Gen. Ed. Content Area III:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">___ CHEM 1124Q and</td> <td style="width: 50%;">___ MATH 1131Q and</td> </tr> <tr> <td>___ CHEM 1125Q and</td> <td>___ MATH 1132Q</td> </tr> <tr> <td>___ CHEM 1126Q</td> <td style="text-align: center;">or</td> </tr> <tr> <td style="text-align: center;">or</td> <td>___ MATH 1151Q and</td> </tr> <tr> <td>___ CHEM 1127Q and</td> <td>___ MATH 1152Q</td> </tr> <tr> <td>___ CHEM 1128Q</td> <td style="text-align: center;">or</td> </tr> <tr> <td style="text-align: center;">or</td> <td>___ MATH 2141Q and</td> </tr> <tr> <td>___ CHEM 1147Q and</td> <td>___ MATH 2142Q</td> </tr> <tr> <td>___ CHEM 1148Q</td> <td style="text-align: center;">or</td> </tr> <tr> <td style="text-align: center;">or</td> <td>___ PHYS 1201Q and</td> </tr> <tr> <td>___ CHEM 1137Q and</td> <td>___ PHYS 1202Q</td> </tr> <tr> <td>___ CHEM 1138Q</td> <td style="text-align: center;">or</td> </tr> <tr> <td style="text-align: center;">or</td> <td>___ PHYS 1401Q and</td> </tr> <tr> <td>___ BIO 1107</td> <td>___ PHYS 1402Q</td> </tr> <tr> <td style="text-align: center;">or</td> <td style="text-align: center;">or</td> </tr> <tr> <td>___ BIO 1108</td> <td>___ PHYS 1501Q and</td> </tr> <tr> <td style="text-align: center;">or</td> <td>___ PHYS 1502Q</td> </tr> <tr> <td style="text-align: center;">or</td> <td style="text-align: center;">or</td> </tr> <tr> <td>___ BIO 1110</td> <td>___ PHYS 1601Q and</td> </tr> <tr> <td>___ MATH 1125Q and</td> <td>___ PHYS 1602Q</td> </tr> <tr> <td>___ MATH 1126Q and</td> <td></td> </tr> <tr> <td>___ MATH 1132</td> <td></td> </tr> <tr> <td style="text-align: center;">or</td> <td></td> </tr> </table> <p>CLAS Gen. Ed. Content Area IV: 2 courses, at least 1 from international area of study</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">_____</td> <td style="width: 50%; text-align: center;">_____</td> </tr> <tr> <td>_____</td> <td style="text-align: center;">_____</td> </tr> </table>	___ CHEM 1124Q and	___ MATH 1131Q and	___ CHEM 1125Q and	___ MATH 1132Q	___ CHEM 1126Q	or	or	___ MATH 1151Q and	___ CHEM 1127Q and	___ MATH 1152Q	___ CHEM 1128Q	or	or	___ MATH 2141Q and	___ CHEM 1147Q and	___ MATH 2142Q	___ CHEM 1148Q	or	or	___ PHYS 1201Q and	___ CHEM 1137Q and	___ PHYS 1202Q	___ CHEM 1138Q	or	or	___ PHYS 1401Q and	___ BIO 1107	___ PHYS 1402Q	or	or	___ BIO 1108	___ PHYS 1501Q and	or	___ PHYS 1502Q	or	or	___ BIO 1110	___ PHYS 1601Q and	___ MATH 1125Q and	___ PHYS 1602Q	___ MATH 1126Q and		___ MATH 1132		or		_____	_____	_____	_____
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