

Department of Physics

Bachelor of Science, Engineering-Physics Mechanical 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 \_\_\_\_\_ 2<sup>nd</sup> W Course \_\_\_\_\_ Second language Competency \_\_\_\_\_ E Course \_\_\_\_\_ Required Credits 128 \_\_\_\_\_

<p><b><u>Required Major Courses</u></b>      <b><u>Credits</u></b></p> <p>___ PHYS 2300                      3</p> <p>___ PHYS 2501W                    3</p> <p>___ PHYS 3101                      3</p> <p>___ PHYS 3201                      3</p> <p>___ PHYS 3202                      3</p> <p>___ PHYS 3401                      3</p> <p><b><u>Common Requirements:</u></b></p> <p>___ CSE 1010/1100                3/2</p> <p>___ ENGR 1000                      1</p> <p>___ MATH 2110Q                    4</p> <p>___ MATH 2410Q                    3</p> <p>___ MATH 3410                      3</p> <p><b><u>At least 6 credits of Physics electives/research:</u></b></p> <p>_____                      _____</p> <p>_____                      _____</p>	<p style="text-align: center;"><b><u>Mechanical Concentration:</u></b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Courses</u></th> <th style="text-align: left;"><u>Credits</u></th> <th style="text-align: left;"><u>Courses</u></th> <th style="text-align: left;"><u>Credits</u></th> </tr> </thead> <tbody> <tr> <td>___ CE 2110</td> <td>3</td> <td>___ ME 3242</td> <td>3</td> </tr> <tr> <td>___ CE 3110</td> <td>3</td> <td>___ ME 3250</td> <td>3</td> </tr> <tr> <td>___ ME 2233</td> <td>3</td> <td>___ ME 3253</td> <td>3</td> </tr> <tr> <td>___ ME 2234</td> <td>3</td> <td>___ ME 4972</td> <td>3</td> </tr> <tr> <td>___ ME 3220</td> <td>3</td> <td>___ ME 4973W</td> <td>3</td> </tr> <tr> <td>___ ME 3227</td> <td>3</td> <td>___ STAT 3345</td> <td>3</td> </tr> </tbody> </table> <p style="text-align: center;"><b><u>At least 6 credits of Mechanical Electives</u></b></p> <p>___ ME 3214, ___ ME 3224, ___ ME 3228, ___ ME 3229, ___ ME 3239, ___ ME 3260, ___ ME 3262, ___ ME 3295</p> <p style="text-align: center;"><b>--Engineering-Physics Requirements Above This Line--</b></p> <p style="text-align: center;"><b><u>CLAS Gen. Ed. Content Area I:</u></b> 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%; border-bottom: 1px solid black;">_____</td> <td style="width: 50%; text-align: center;">A</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="text-align: center;">B</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="text-align: center;">C</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="text-align: center;">D</td> </tr> </table> <p style="text-align: center;"><b><u>CLAS Gen. Ed. Content Area II:</u></b> 2 courses from 2 different academic units</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">_____</td> <td style="width: 50%; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> </tr> </table>	<u>Courses</u>	<u>Credits</u>	<u>Courses</u>	<u>Credits</u>	___ CE 2110	3	___ ME 3242	3	___ CE 3110	3	___ ME 3250	3	___ ME 2233	3	___ ME 3253	3	___ ME 2234	3	___ ME 4972	3	___ ME 3220	3	___ ME 4973W	3	___ ME 3227	3	___ STAT 3345	3	_____	A	_____	B	_____	C	_____	D	_____	_____	_____	_____	<p style="text-align: center;"><b><u>CLAS Gen. Ed. Content Area III:</u></b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; vertical-align: top;"> <p>___ CHEM 1124Q and ___ CHEM 1125Q and ___ CHEM 1126Q</p> <p style="text-align: center;">or</p> <p>___ CHEM 1127Q and ___ CHEM 1128Q</p> <p style="text-align: center;">or</p> <p>___ CHEM 1147Q and ___ CHEM 1148Q</p> <p style="text-align: center;">or</p> <p>___ CHEM 1137Q and ___ CHEM 1138Q</p> <p>___ BIO 1107</p> <p style="text-align: center;">or</p> <p>___ BIO 1108</p> <p style="text-align: center;">or</p> <p>___ BIO 1110</p>   <p>___ MATH 1125Q and ___ MATH 1126Q and ___ MATH 1132</p> <p style="text-align: center;">or</p> </td> <td style="width: 50%; vertical-align: top;"> <p>___ MATH 1131Q and ___ MATH 1132Q</p> <p style="text-align: center;">or</p> <p>___ MATH 1151Q and ___ MATH 1152Q</p> <p style="text-align: center;">or</p> <p>___ MATH 2141Q and ___ MATH 2142Q</p> <p>___ PHYS 1201Q and ___ PHYS 1202Q</p> <p style="text-align: center;">or</p> <p>___ PHYS 1401Q and ___ PHYS 1402Q</p> <p style="text-align: center;">or</p> <p>___ PHYS 1501Q and ___ PHYS 1502Q</p> <p style="text-align: center;">or</p> <p>___ PHYS 1601Q and ___ PHYS 1602Q</p> </td> </tr> </table> <p style="text-align: center;"><b><u>CLAS Gen. Ed. Content Area IV:</u></b> 2 courses, at least 1 from international area of study</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">_____</td> <td style="width: 50%; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="border-bottom: 1px solid black;">_____</td> <td style="border-bottom: 1px solid black;">_____</td> </tr> </table>	<p>___ CHEM 1124Q and ___ CHEM 1125Q and ___ CHEM 1126Q</p> <p style="text-align: center;">or</p> <p>___ CHEM 1127Q and ___ CHEM 1128Q</p> <p style="text-align: center;">or</p> <p>___ CHEM 1147Q and ___ CHEM 1148Q</p> <p style="text-align: center;">or</p> <p>___ CHEM 1137Q and ___ CHEM 1138Q</p> <p>___ BIO 1107</p> <p style="text-align: center;">or</p> <p>___ BIO 1108</p> <p style="text-align: center;">or</p> <p>___ BIO 1110</p> <p>___ MATH 1125Q and ___ MATH 1126Q and ___ MATH 1132</p> <p style="text-align: center;">or</p>	<p>___ MATH 1131Q and ___ MATH 1132Q</p> <p style="text-align: center;">or</p> <p>___ MATH 1151Q and ___ MATH 1152Q</p> <p style="text-align: center;">or</p> <p>___ MATH 2141Q and ___ MATH 2142Q</p> <p>___ PHYS 1201Q and ___ PHYS 1202Q</p> <p style="text-align: center;">or</p> <p>___ PHYS 1401Q and ___ PHYS 1402Q</p> <p style="text-align: center;">or</p> <p>___ PHYS 1501Q and ___ PHYS 1502Q</p> <p style="text-align: center;">or</p> <p>___ PHYS 1601Q and ___ PHYS 1602Q</p>	_____	_____	_____	_____
<u>Courses</u>	<u>Credits</u>	<u>Courses</u>	<u>Credits</u>																																													
___ CE 2110	3	___ ME 3242	3																																													
___ CE 3110	3	___ ME 3250	3																																													
___ ME 2233	3	___ ME 3253	3																																													
___ ME 2234	3	___ ME 4972	3																																													
___ ME 3220	3	___ ME 4973W	3																																													
___ ME 3227	3	___ STAT 3345	3																																													
_____	A																																															
_____	B																																															
_____	C																																															
_____	D																																															
_____	_____																																															
_____	_____																																															
<p>___ CHEM 1124Q and ___ CHEM 1125Q and ___ CHEM 1126Q</p> <p style="text-align: center;">or</p> <p>___ CHEM 1127Q and ___ CHEM 1128Q</p> <p style="text-align: center;">or</p> <p>___ CHEM 1147Q and ___ CHEM 1148Q</p> <p style="text-align: center;">or</p> <p>___ CHEM 1137Q and ___ CHEM 1138Q</p> <p>___ BIO 1107</p> <p style="text-align: center;">or</p> <p>___ BIO 1108</p> <p style="text-align: center;">or</p> <p>___ BIO 1110</p> <p>___ MATH 1125Q and ___ MATH 1126Q and ___ MATH 1132</p> <p style="text-align: center;">or</p>	<p>___ MATH 1131Q and ___ MATH 1132Q</p> <p style="text-align: center;">or</p> <p>___ MATH 1151Q and ___ MATH 1152Q</p> <p style="text-align: center;">or</p> <p>___ MATH 2141Q and ___ MATH 2142Q</p> <p>___ PHYS 1201Q and ___ PHYS 1202Q</p> <p style="text-align: center;">or</p> <p>___ PHYS 1401Q and ___ PHYS 1402Q</p> <p style="text-align: center;">or</p> <p>___ PHYS 1501Q and ___ PHYS 1502Q</p> <p style="text-align: center;">or</p> <p>___ PHYS 1601Q and ___ PHYS 1602Q</p>																																															
_____	_____																																															
_____	_____																																															