

**Physics Department
Physics Major
Curriculum Year: 2011-2012**

*Your department has developed this road plan, taking into account prerequisites and schedule restrictions.
You should pay attention to these concerns when deviating from this plan.*

| Year 1 | Fall | Units | Winter | Units | Spring | Units | Comment |
|--------------------|--|--------------------|--------------------------------------|--------------------|--------------------------------------|-----------|---------|
| | SCI 101/101A | 2 | PHY 131/131 L Major Core | 4 | PHY 132/132L Major Core | 4 | |
| | MAT 114 GE Area B1 | 4 | MAT 115 Major Support | 4 | MAT 116 Major Support | 4 | |
| | CHM 121/121 L GE Area B2 | 4 | CHM 122/122L Major Support | 4 | CHM 123/123L Major Support | 4 | |
| | ENG 104 | 4 | SCI 102/102A | 2 | GE Area A1 | 4 | |
| | | | | | | | |
| | <i>Only 3 courses are recommended during the first quarter</i> | | | | | | |
| Total Units | 14 | Total Units | 14 | Total Units | 16 | | |
| | | | | | Total Units for Year | 44 | |

| Year 2 | Fall | Units | Winter | Units | Spring | Units | Comment |
|--------|-----------------------------------|-----------|-----------------------------------|-----------|-----------------------------------|-----------|---|
| | PHY 133/133L Major Core | 3 | PHY 234/234L Major Core | 3 | PHY 235/235L Major Core | 4 | <i>200-level and higher physics courses are offered only once each year and must be taken in the quarter indicated. If courses that are prerequisite to higher-level courses are not taken in the quarter indicated, graduation will be delayed by at least one year.</i> |
| | MAT 214 Major Support | 4 | MAT 215 Major Support | 4 | MAT 216 Major Support | 4 | |
| | BIO 110/111L | 4 | GE Area D1 | 4 | GE Area D1 | 4 | |
| | GE Area A3 | 4 | GE Area C1 | 4 | GE Area C2 | 4 | |
| | | | | | | | |
| | Total Units | 15 | Total Units | 15 | Total Units | 16 | |
| | | | | | Total Units for Year | 46 | |

| Year 3 | Fall | Units | Winter | Units | Spring | Units | Comment |
|--------|-----------------------|-----------|------------------------|-----------|-----------------------------|-----------|---|
| | PHY 308 Major Core | 4 | PHY 309 Major Core | 4 | PHY 315 Major Core | 4 | <i>Advanced electives are to be chosen from upper division courses in Physics or related fields in consultation with advisor. At least 4 of these units must be in Physics.</i> |
| | PHY 333 Major Core | 4 | PHY 321 Major Core | 4 | PHY 417/417L Major Core | 4 | |
| | CS 128 or 125 | 4 | PHY 431L Major Core | 1 | GE Area C4 | 4 | |
| | GE Area C3 | 4 | GE Area D2 | 4 | GE Area D3 | 4 | |
| | PHY 432 L | 1 | Unr. Elective | 1 | | | |
| | | | | | | | |
| | Total Units | 17 | Total Units | 14 | Total Units | 16 | |
| | | | | | Total Units for Year | 47 | |

| Year 4 | Fall | Units | Winter | Units | Spring | Units | Comment |
|--------|------------------------|-----------|------------------------------------|-----------------------------------|-----------------------------|--|---|
| | PHY 401 Major Core | 4 | PHY 402 Major Core | 4 | PHY 315 Major Core | 4 | <i>Students must complete one course in each of the GE areas B4, C4, and D4.</i> |
| | PHY 461 Major Core | 2 | PHY 462 Major Core | 2 | PHY 463 Major Core | 2 | |
| | PHY 430L Major Core | 1 | PHY 314 Major Core | 4 | GE Area B5 | 4 | <i>All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.</i> |
| | GE Area D4 | 4 | Advanced Elective Major Support | 4 | Advanced Elective | 4 | |
| | Advanced Elective | 4 | | | | | |
| | | | | <i>Request a graduation check</i> | | <i>File an application to graduate</i> | |
| | Total Units | 15 | Total Units | 14 | Total Units | 14 | |
| | | | | | Total Units for Year | 43 | |

| | |
|-----------------------------|------------|
| Total Units on Plan | 180 |
| Major Core Units | 69 |
| Major Support Units | 42 |
| General Education Units | 68 |
| Unrestricted Elective Units | 1 |