APPLIED PHYSICS
College of Science

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    Applied Physics Major Courses (61-68 credits)
    Required Major Courses (37-44 credits)
    (4) PHYS 17200 (also satisfies Science Selective for core and CoS teambuilding experience requirement)
    (4) PHYS 27200 (also satisfies Science Selective for core)
    (3-6) PHYS 30600 (fall) or (MA 36200 and MA 42500)
    (3-7) PHYS 30700 (spring) or (MA 35100 (26500) and MA 36600 (26600))
    (1) PHYS 34000
    (4) PHYS 34400 (fall)
    (4) PHYS 31000 (fall)
    (3) PHYS 33000 (fall)
    (3) PHYS 36000 (spring)
    (3) PHYS 42200 (spring)
    (2) PHYS 45000
    (3) PHYS 51500 (spring)
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Major Selective* - (24 credits - in chosen applied area(s) approved by the Physics Department)


## University Core Requirements LINK

| Human Cultures Humanities | $\square$ |  |  | Science, Technology \& Society Selective |
| :--- | :--- | :--- | :--- | :--- |
| Human Cultures Behavioral/Social Science | $\square$ |  |  |  |
| Written Communication |  |  |  |  |

The student is ultimately responsible for knowing and completing all degree requirements.

## Applied Physics

http://www.physics.purdue.edu/academic-programs/plans of study/index.html
Suggested Arrangement of Courses:

| Credits | Fall 1st Year | Prerequisite | Credits | Spring 1st Year | Prerequisite |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 4 | PHYS 17200* (HONORS ) * | ALEKS 85\% | 4 |  | PHYS 27200* (HONORS) |


| Credits | Fall 2nd Year | Prerequisite | Credits | Spring 2nd Year | Prerequisite |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 3 | PHYS 30600 | PHYS 272 + coreq MA <br> 261 | 3 | PHYS 30700 | PHYS 272 + coreq MA 261 |
| 1 | PHYS 34000 | coreq Phys 344 | 3 | PHYS 42200 | PHYS 272 |
| 4 | PHYS 34400 | PHYS 272 + coreq MA <br> 261 | $3-4$ | Language Selective III <br> /culture | Language 102/ usually no <br> pre-req |
| 4 | Calculus III Selective * | Calculus II | 3 | STAT 30100* |  |
| $\mathbf{3 - 4}$ | Language II Selective | Language 101 | 3 | Elective | Prerequisites may vary |
| $\mathbf{1 5 - 1 6}$ |  | $\mathbf{1 5 - 1 6}$ |  |  |  |


| Credits | Fall 3rd Year | Prerequisite | Credits | Spring 3rd Year | Prerequisite |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 4 | PHYS 31000 | PHYS 272 + MA 261 | 3 | (PHYS 310 or 330) + PHYS |  |
| 3 | PHYS 33000 | PHYS 272 + MA 261 | 3 | 344 |  |
| 2 | PHYS 45000 | PHYS 42200 | 3 | Coreq PHYS 310 + 344 + |  |
| 3 | COM 21700* |  | 36000 | Applied Physics Elective | Prerequisites may vary |
| 3-4 | CS 15800 (or CS 17700) | MA 161 coreq | 3 | Applied Physics Elective | Prerequisites may vary |
| $\mathbf{1 5 - 1 6}$ |  | $\mathbf{1 5}$ | General Ed (Humanities) |  |  |


| Credits | Fall 4th Year | Prerequisite | Credits | Spring 4th Year | Prerequisite |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 3 | Applied Physics Elective | Prerequisites may vary | 3 | Applied Physics Elective | Prerequisites may vary |
| 3 | Applied Physics Elective | Prerequisites may vary | 3 | Applied Physics Elective | Prerequisites may vary |
| 3 | Applied Physics Elective | Prerequisites may vary | 3 | Applied Physics Elective | Prerequisites may vary |
| $\mathbf{3}$ | Great Issues | Prerequisites may vary | $\mathbf{3}$ | General Ed (Behav./Social <br> Science $)^{*}$ |  |
| $\mathbf{3}$ | General Ed (Humanities) $^{*}$ | $\mathbf{3}$ | ${\text { Multidisciplinary }(\text { STS })^{*}}$ |  |  |
| $\mathbf{1 5}$ |  | $\mathbf{1 5}$ |  |  |  |

Identified as a critical course. Student should earn minimum of a B- see advisor for further details.

* Satisfies a University Core Requirement

120 semester credits required for Bachelor of Science degree.
2.0 Graduation GPA required for Bachelor of Science degree. 2.0 average in PHYS/ASTR classes required to graduate.

The student is ultimately responsible for knowing and completing all degree requirements.
Degree Works is knowledge source for specific requirements and completion


