

# Biomedical Physics Honors

**Degree Name:** BS Biomedical Physics Honors

**Total number of Honors credits required (including seminar and thesis):** 24 credits

**Minimum GPA required:** 3.3 overall, 3.50 in Biomedical Physics courses

**Brief rationale:** *The honors curriculum is designed to challenge highly motivated students through their outstanding scholastic achievement and to develop interest in research and scholarly activity by providing students with an opportunity to work with faculty members*

**List of requirements within the department that must be taken as Honors or Honors option:**

- ❖ **Select the honors option in three of the following (9 - 12 credits). At least one of the three courses should be selected from PHY 3700, PHY 4700, PHY 6700, and PHY 6710)**
  - PHY 2140, General Physics II (3 cr.) or PHY 2180, General Physics II (4 cr.)
  - PHY 3700, Mathematics for Biomedical Physics (4 cr.)
  - PHY 4700, Introduction to Biomedical Physics (4 cr.)
  - PHY 5700, Biomedical Physics Seminar (3 cr.)
  - PHY 6700, Biological Physics (4 cr.)
  - RAD/PHY 6710, Physics in Medicine (3 cr.)
  - PHY 6780, Biomedical Physics Research (3 cr.)
  
- ❖ **Following should be taken in addition to above**
  - PHY 5990, Independent Research and Thesis. (3 credits)  
Two semesters of research with a faculty member. A written thesis and an oral presentation of thesis are required. The thesis plan must be approved by the BMP student advisor prior to conducting the research.
  - One Honors seminar from among HON 4200 through 4280 (3 credits)
  - 6 - 9 additional Honors credits in any department, as needed, for a total of 24 Honors credits.

## Combined University and Departmental Honors

- Students admitted prior to Fall 2008 will automatically earn both University and BMP Honors.
- Students admitted Fall 2008 or later will require 36 total credits to earn both BMP and University Honors. The additional 12 credits may be earned in any department.

**Advisors:** Prof. Peter Hoffmann, (Ph: 313-577- 4573), [hoffmann@wayne.edu](mailto:hoffmann@wayne.edu)  
Dr. Punya Talagala, (Ph: 313-577-8220), [punya@wayne.edu](mailto:punya@wayne.edu)