

UNDERGRADUATE COUNCIL
Request for Change(s)

Originating unit requesting
change

Physics & Astronomy

Type of Change
requested:

- | | | |
|---|---|--|
| <input type="checkbox"/> Course number(s) | <input type="checkbox"/> Course prerequisite(s) | <input type="checkbox"/> Program title |
| <input type="checkbox"/> Course title | <input type="checkbox"/> Drop course(s) | <input type="checkbox"/> Program description |
| <input type="checkbox"/> Course description | <input type="checkbox"/> Drop program(s) | <input checked="" type="checkbox"/> Program requirements |

Semester and year change(s) take effect: Fall 2022

Appropriate computer abbreviation if course title is more than 30 spaces: _____

Briefly summarize the change requested:

We are changing the Biophysics minor to align with the changes in the introductory biology sequence.

Catalog copy

Present catalog copy (paste-up from catalog is acceptable.

Proposed change(s). (Include exact catalog copy as desired. Underline changes)

The program of study requires a minimum of 18 hours consisting of:

PHYS 10154 General Physics I with Laboratory

PHYS 10164 General Physics II with Laboratory

OR

PHYS 20474 Physics I with Laboratory: Mechanics

PHYS 20484 Physics II with Laboratory: Electromagnetism and Optics

AND

~~BIOL 10501 Introductory Biology Lab I~~

~~BIOL 10503 Introductory Biology I~~

~~OR~~

~~BIOL 10511 Introductory Biology Lab II~~

~~BIOL 10513 Introductory Biology II~~

~~AND~~

~~PHYS 30473 How the Human Body Works~~

~~OR~~

~~PHYS 30483 Physics III Laboratory~~

~~AND~~

~~PHYS 3 hours of approved electives 30000 or above~~

~~OR~~

3 hours of Research from:

PHYS 30003 Junior Honors Research in Physics or Astronomy

PHYS 40003 Senior Honors Research in Physics or Astronomy

PHYS 40103 Senior Research in Physics or Astronomy

PHYS 50970 Special Problems in Physics

The program of study requires a minimum of 20 hours consisting of:

PHYS 10154 General Physics I with Laboratory

PHYS 10164 General Physics II with Laboratory

OR

PHYS 20474 Physics I with Laboratory: Mechanics

PHYS 20484 Physics II with Laboratory: Electromagnetism and Optics

AND

BIOL 10503 The Unity of Life: Molecules to Cells

OR

BIOL 10513 The Diversity of Life: Organisms to Ecosystems

AND

BIOL 10523 Introduction to Biological Investigation

6 hours selected from:

PHYS 30003 Junior Honors Research in Physics or Astronomy

PHYS 30313 Theoretical Methods in Physics

PHYS 30473 How the Human Body Works

PHYS 30483 Physics III Laboratory

PHYS 30553 Mechanics

PHYS 30603 Thermal Physics

PHYS 30843 Biomedical Imaging

PHYS 40003 Senior Honors Research in Physics or Astronomy

PHYS 40103 Senior Research in Physics or Astronomy

PHYS 50970 Special Problems in Physics

1. What is the justification for the change(s) requested?
The biology department is changing its introductory biology sequence.

2. If applicable, explain how the change(s) will affect the current program outcomes and assessment mechanisms. The changes will not affect the current program outcomes and assessment mechanisms.
These changes will have no impact on the current program outcomes or assessment mechanisms.

3. **Faculty Resources:** How will the unit provide faculty support for this change and any other impact this change may have on other current departmental listings.
This will not impact other current departmental listings and will not require additional faculty support.

4. **Educational Resources:** Will this change require additional resources not currently available (e.g. space, equipment, library, other)? YES
If yes, list additional resources needed. NO

5. If this change affects other units of the University, include a statement signed by the chairperson(s) of the affected unit(s).

6. If cross-listed, provide evidence of approval by all curriculum committees appropriate to both the originating and cross-listed units.



Approval signature of chairperson of originating unit