

**UNDERGRADUATE COUNCIL  
Request for Change(s)**

Originating unit requesting change \_\_\_\_\_ Biology \_\_\_\_\_

Type of Change requested:

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

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

Appropriate computer abbreviation if course title is more than 30 spaces: \_\_\_\_\_ Unity and Cells \_\_\_\_\_

Briefly summarize the change requested:

Change BIOL 10503 from “Introductory Biology I” to “The Unity of Life: Molecules to Cells”

Catalog copy

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

Prerequisite: A senior high school course in Biology or Chemistry. Topics include understanding organisms from the molecular level to that of the eukaryotic cell. This course introduces the basic principles of evolution, molecular organization and function of the cell, cell structure, cell cycle, mitosis, meiosis, metabolism, Mendelian and molecular genetics. This course is required for each student declaring a major interest in Biology and/or with an interest in pre-health programs.

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

Prerequisite: A senior high school course in Biology or Chemistry. This course is an introduction to the inner workings of cells, with the theme of examining the common biomolecular foundation of all living things. Topics include ~~understanding organisms from the molecular level to that of the eukaryotic cell. This course introduces~~ the basic principles of evolution, the molecular organization, structure, and function of ~~the~~ cells, cell structure, the cell cycle (including mitosis and meiosis), mitosis, meiosis, gene expression, metabolism, and Mendelian and molecular genetics. This course is designed for science majors. This course is required for each student declaring a major interest in Biology and/or with an interest in pre-health programs.

Clean version (actual new catalog copy):

Prerequisite: A senior high school course in Biology or Chemistry. This course is an introduction to the inner workings of cells, with the theme of examining the common biomolecular foundation of all living things. Topics include the basic principles of evolution, the molecular organization, structure, and function of cells, the cell cycle (including mitosis and meiosis), gene expression, metabolism, and Mendelian and molecular genetics. This course is designed for science majors.

1. **What is the justification for the change(s) requested?**  
The new course title better conveys the actual content/themes of the course. The alteration to the catalog description updates the focus of the course, and clears up potential confusion/ambiguity with regards to the level at which the course is pitched (rigor) and the student population it is intended for. (The “pre-health programs” stipulation was particularly problematic given that some health careers do not require this course.)
  
2. **If applicable, explain how the change(s) will 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.  
These changes will not impact faculty resources.
  
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.**

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Approval signature of chairperson of originating unit