

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

Originating unit requesting change _____ MATH/COSC _____

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 checked="" 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: _____ Spring 2021 _____

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

Briefly summarize the change requested:

The proposed change adds language allowing the department to waive “missing hours” if a student transfers in a course equivalent to a TCU course but that is worth fewer credit hours at the university where originally taken.

Current CIP Code (programs only):

Does the change require a new or change in CIP code? ___ Yes X No

If yes, what is the proposed CIP code? _____

*for reference, please visit: <https://nces.ed.gov/ipeds/cipcode/resources.aspx?y=56>

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 39 hours in Computer Science and 27-28 hours in Mathematics, on a 124-hour degree, consisting of:

The program of study requires a minimum of 39 hours in Computer Science and 27* hours in Mathematics, on a 124-hour degree, consisting of:

MATHEMATICS (27-28 hours)

MATHEMATICS (at least 27* hours)

[To be inserted at the bottom of the program description]

*The requirement of 27 hours of Mathematics may be reduced with permission of the Mathematics Department if the student transfers credit for a course equivalent to a TCU Mathematics course taken at a college or university that awards fewer credits for the course than does TCU. For example, if the student is awarded transfer credit for Math 10524 Calculus I from a college or university that awards 3 credit hours, then the department may allow a corresponding 1-hour reduction to 26 hours. At the Mathematics Department’s discretion, such reductions may be accumulated to account for multiple transfer courses.

1. What is the justification for the change(s) requested?

Increasingly students are transferring in courses that are equivalent to TCU courses in terms of material covered but for which the credit hours awarded for the course at the other university are less than the number of credit hours for the TCU course. This is most common for our calculus sequence courses Math 10524, 20524, and 30524, and our linear algebra course Math 30224, which are four-hour courses at TCU but only three-hour courses at other universities. This creates tension with the existing program descriptions which specify a certain number of Math hours based on the TCU course credit hours. Previously the Math Department chair would waive the hours requirement, but the proposed change is intended to create a more formal process.

2. If applicable, explain how the change(s) will affect the current program outcomes and assessment mechanisms.

There will be no changes.

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.

No resources are needed.

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).

This change is completely internal to Mathematics.

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

N/A

Dannell Payne *Greg Friedman*

Approval signature of chairperson of originating unit