

UNDERGRADUATE CURRICULUM PROPOSAL COVER SHEET

Title of Proposal: - Must begin with Department Abbreviation:

MATH: Deactivate the BA in Mathematics; Rename the BS in Applied Mathematics as the BS in Mathematics

RECEIVED

Check One: [x] Full Proposal [] Information Item

APR 24 2014

Effective Date for Curricular Offering: Fall 2015

UTC Records

FROM: Edward Rozema Math EMCS 415B 4584 edward-rozema@utc.edu
spokesperson's name Dept. Bldg, office # Phone ext. e-mail

Does this require new resources from the originating department or other department? No
Please attach explanation if yes.

Faculty of the originating department approved this proposal on 04/04/2014 (date),
by a vote of 21 aye votes; 0 nay votes; 0 Abstentions; 4 eligible voting members absent

The following have examined this proposal:

Dept Head/Director: John V. Matthews [Signature] x
Printed Name Signature, date Approve Neutral Disapprove*

College Curriculum Committee Date: 16 Apr 14 Vote: Aye 11 Nay 0 Abs 0 Signature of Chair: [Signature]

Spokespersons for Affected Departments

Printed Name, Department Signature, Date Approve Neutral Disapprove*
Margaret Kovach, STEM Program [Signature] 4-7-14 X

Asst. Dean/Director: [Signature]
University Registrar: Linda Orth [Signature]
Provost/Representative: [Signature]
Comments:

Lab/studio fee requested: Yes No
Provost: A. Jerald Ainsworth [Signature] x
Signature, date Approve Disapprove*

*Those who disapprove may attach an explanation.

Table with 2 columns: ACTIONS on this proposal, Curriculum Committee, Faculty Senate. Rows include Date the proposal was considered, Vote of the body, Accepted as information item, Approved as submitted, Approved with amendments, Signature of Chair.

15-008UG

April 7, 2014

Proposal: Deactivate the BA in Mathematics; Rename the BS in Applied Mathematics as the BS in Mathematics

1. Deactivate the BA in Mathematics

a. Rationale

UTC has always had a BA in Mathematics. In 1974 the BS in Applied Mathematics was offered for the first time. Although most mathematics degrees obtained thereafter were the BS, we continued to have students who opted to take the BA degree. These students often wished to graduate with a double major in mathematics and another discipline, such as French or Theater and Speech, which did not have a BS degree. Without the BA degree in mathematics, this is impossible. A student wanting to major in Mathematics and French, say, will have to obtain two degrees (one a BA and the other a BS) and consequently would need to earn an addition 30 hours.

However, in the last 10 years only three students have graduated with a BA in Mathematics, one each in 2004, 2005, and 2012. Also the student who graduated in 2012 received two degrees, our BA and someone else's BS! This student could have easily gotten one BS degree with a double major. The existence of the BA and BS also causes advisors extra work explaining the differences in the degrees and students extra work switching to the BS degree. On balance, there does not seem to be a compelling reason for keeping the program alive.

b. Economic and pedagogical consequences; how the proposal relates to requirements and resources in other departments or programs

There are no courses whose enrollments would be affected by this proposal. Therefore, the proposal is revenue neutral and other departments and programs will be unaffected. As explained above, there may be an occasional student who will not be able to double major in in mathematics and, say, Art, but these students have been few in numbers.

2. Rename the BS in Applied Mathematics as the BS in Mathematics

a. Rationale

Concentrations in the program have changed since 1974. We now have a General concentration and we recently added the STEM concentration for secondary education majors. Dropping the word "Applied" from the degree name will better reflect the increased scope of the program and make it more visible to students and others looking for the undergraduate degree in Mathematics at UTC.

b. Economic and pedagogical consequences; how the proposal relates to requirements and resources in other departments or programs

The proposal is revenue neutral and other departments and programs will be unaffected.