



THE UNIVERSITY OF  
**TOLEDO**  
1872

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## Memo

To: Faculty Senate Program Review Committee

From: Brian Ashburner, Associate Dean, College of Natural Sciences and Mathematics *BPA*  
Anthony Quinn, Chair, College of Natural Sciences and Mathematics Curriculum Committee

Re: Changes to the College of Natural Sciences and Mathematics Curriculum

The College of Natural Sciences and Mathematics (CNSM) is seeking approval for changes to the college curriculum requirements that are the result of the creation of the new CNSM from the former College of Arts and Sciences. The purpose of these changes is to help create greater flexibility in the various degree programs across the college to ensure that students are able to take the relevant courses they need for their future plans while ensuring that they are able to complete their degrees without having to take courses above and beyond the 124 credit hours required by the university for graduation. A summary of the changes is below and a comparison of the old versus new requirements is outlined in the attached document.

### Summary of Changes to the College of Natural Sciences and Mathematics Curriculum

Changes to the curriculum in the College of Natural Sciences and Mathematics include changes in the Skill Area and Distributive Requirements that were required by the former College of Arts and Sciences. For the BA degree there are minor changes to the Skill Area Requirements that include **1)** allowing ENGL2950 to satisfy the Composition II requirement (this applies to the BS degree as well), **2)** requiring a minimum of MATH1320 (or higher depending on the particular program), and **3)** Changing the foreign language requirement. Changes for the BS degree include **1)** no longer requiring a foreign language (but this can be required by the individual programs) and **2)** no longer requiring the distributive requirements.

**Changes to the College of Natural Sciences and Mathematics Curriculum  
Amended and Approved at the CNSM Council meeting 12/13/11**

**Arts and Sciences BA Degrees in Math and Science**

1. ARS 1000 Orientation
2. English Composition I and II
3. Math—1 course at the college level
4. Foreign Language--Complete LANG 2150 or test at 3000 level
5. WAC—two courses with at least one within the major
6. Distributive Humanities (15 hours)
7. Distributive Social Sciences (9 hours)
8. Minimum hours in the major not specified
9. Minimum credits in related fields = 18 hours
10. University Core

**CNSM BA Degrees in Math and Science**

1. NSM 1000 Orientation
2. Allow ENGL 1130-1150 and 2950 for Comp II
3. Minimum of MATH1320 and Science/Mathematics—at least two courses chosen from at least two different CNSM departments outside the major (6-8 hours)
4. Cultural Diversity--Complete LANG 1120 or study abroad for 1 semester
5. WAC—two courses with at least one within the major at the 3000 level or higher
6. No change
7. No change
8. Minimum hours within the major = 34
9. Minimum total of 58 hours in the major and related fields combined
10. University General Education Requirements

**Arts and Sciences BS Degrees in Math and Science**

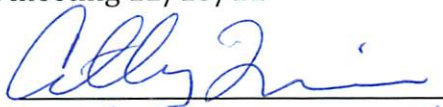
1. ARS 1000 Orientation
2. English Composition I and II
3. Math—1 course at the college level
4. Foreign Language--Complete LANG 2150 or test at 3000 level
5. WAC—two courses with at least one within the major
6. [no science/mathematics requirement]
7. Distributive Humanities (15 credits)
8. Distributive Social Sciences (9 credits)
9. Minimum credits in the major not specified
10. Minimum credits in related fields = 18
11. University Core

**CNSM BS Degrees in Math and Science**

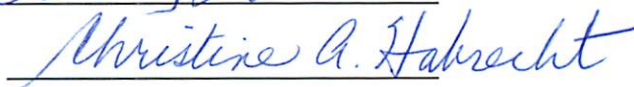
1. NSM 1000 Orientation
2. Allow ENGL 1130-1150 and 2950 for Comp II
3. MATH 1750 and 1760, or MATH 1830 and 1840, or MATH 1850 and 1860
4. Foreign Language—may be required by individual programs but is not required by the college
5. WAC—two courses with at least one within the major at the 3000 level or higher
6. Science/Mathematics—total of at least 3 courses chosen from at least 3 CNSM departments outside the major (9 hours minimum)
7. No Distributive Humanities required
8. No Distributive Social Sciences required
9. Minimum credits within the major = 34
10. Minimum total of 64 credits in the major and related fields combined
11. University General Education Requirements

Amended and approved at CNSM Council meeting 12/13/11

College Curriculum Authority or Chair:



College Dean:



Undergraduate Curriculum Committee:

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Office of the Provost:

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