SENATE REPORT

University Curriculum Committee
January 22, 2018

From: Janet Applin

The Undergraduate Curriculum Committee submits the following report for consideration to the University Senate:

College of Health and Human Services	
Type of Item	**Description**
Consent	**Delete a Course** **CD 440 Phonology and Language Disorders** Contact: Leisa Hutchison, 745-2772, leisa.hutchison@wku.edu

Ogden College of Science and Engineering	
Type of item	**Description of Item & Contact Information**
Consent	**Proposal to Revise Course Prerequisites/Corequisites** **AMS 490F, Senior Research for Technology Management, 3 hrs.** Contact: Bryan Reaka, bryan.reaka@wku.edu, x57032
Consent	**Proposal to Revise Course Prerequisites/Corequisites** **MATH 183, Introductory Statistics, 3 hrs.** Contact: Leslie Plumlee, leslie.plumlee@wku.edu, x56210
Action	**Proposal to Revise a Program** **Ref. 528, Major in Mathematics, 51 hrs.** Contact: Tom Richmond, tom.richmond@wku.edu, x56219
Action	**Proposal to Revise a Program** **Ref. 728, Major in Mathematics, 36-39 hrs.** Contact: Tom Richmond, tom.richmond@wku.edu, x56219
Action	**Proposal to Make Multiple Revision to a Course** **PSYS 413, Psychological Measurement, 3 hrs.** Contact: Andy Mienaltowski, Andrew.mienaltowski@wku.edu, x52353

Attendance policy revision information is added to the bottom of this report.

UCC Sub-Committee: Steering Committee Report is also added to the bottom of this report.

Proposal Date: 10/26/18

College of Health and Human Services
Department of Communication Sciences and Disorders
Proposal to Delete a Course
(Consent Item)

Contact Person: Leisa Hutchison, 745-2772, leisa.hutchison@wku.edu

1. Identification of course:

1.1 Current course prefix and number: CD 440

1.2 Course title: Phonology and Language Disorders

2. Rationale for the course deletion: This course has not been offered in the department for over five years and the content is being currently taught in two separate courses: CD 483 Introduction to Disorders of Articulation and Phonology and CD 486 Language Disorders. This better addresses the depth of content in both areas.

3. Effect of course deletion on programs or other departments, if known: No effect

4. Proposed term for implementation: Summer 2019

5. Dates of prior committee approvals:

Department Communication Sciences and Disorders	11/9/2018
CHHS College Curriculum Committee	December 5, 2018
Undergraduate Curriculum Committee	**1/22/19**
University Senate	

Proposal Date: October 22, 2018

Ogden College of Science and Engineering
School of Engineering and Applied Sciences
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Bryan Reaka, bryan.reaka@wku.edu, 270.745.7032

1. Identification of course:

1.3 Course prefix (subject area) and number: AMS 490F

1.4 Course title: Senior Research for Technology Managemnt

2. Current prerequisites/corequisites:

1.1 Prerequisites: AMS 356 with a grade of "C" or better, AMS 390 with a grade of "C" or better, AMS 370 with a grade of "C" or better;

1.1.1 Pre or co-requisites AMS 394

3. Proposed prerequisites/corequisites:

1.2 Prerequisites: AMS 356 with a grade of "C" or better, AMS 390 with a grade of "C" or better;

1.2.1 Pre or co-requisites AMS 394

4. Rationale for the revision of prerequisites:

Due to clerical error this prerequisite was inappropriately sent through the process with AMS 370 as a prerequisite for the AMS 490F course. AMS 490F is a capstone experience for Technology management majors who do not take AMS 370 as part of their curriculum.

This change is to correct the previous error.

5. Effect on completion of major/minor sequence:

This will allow students to be able to continue on their appropriate matriculation through the Technology Management program.

6. Proposed term for implementation: Fall 2019

7. Dates of prior committee approvals:

School of Engineering and Applied Sciences	11-09-2018
Ogden College Curriculum Committee	12-06-2018
Undergraduate Curriculum Committee	**1/22/19**
University Senate	

Proposal Date: 11/16/2018

Ogden College of Science & Engineering
Department of Mathematics
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Leslie Plumlee, leslie.plumlee@wku.edu, 270-745-6210

1. Identification of course:

1.1 Course prefix (subject area) and number: MATH 183

1.2 Course title: Introductory Statistics

2. Current prerequisites/corequisites/special requirements: Satisfactory score on Math ACT and MPE, or COMPASS or KYOTE; or DMA 096C with a grade of C or better

3. Proposed prerequisites/corequisites/special requirements: Satisfactory score on Math ACT and MPE, or COMPASS or KYOTE; or any Colonnade Quantitative Reasoning MATH course with a grade of C or better.

4. Rationale for the revision of prerequisites/corequisites/special requirements: DMA 096C will no longer be offered as of Fall 2019.

5. Effect on completion of major/minor sequence: Not Applicable

6. Proposed term for implementation: Fall 2019

7. Dates of prior committee approvals:

Mathematics Department	11/16/2018
Ogden College Curriculum Committee	12/6/2018
Undergraduate Curriculum Committee	**1/22/19**
University Senate	

Proposal to Revise a program: Major in Mathematics
Ogden College
Department/Unit: Mathematics

Section 1: Proponent Contact Information

1.1 Name/Title: Tom Richmond
1.2 Email address: tom.richmond@wku.edu
1.3 Phone # 745-6219

Section 2: Program Information

2.1 Classification of Instructional Program (CIP) reference number: 528

2.2 Current Program title: Major in Mathematics

2.3 Current total number of credits required in the program: 51

Section 3: Proposed program revisions and rationales:

3.1 Adjust the computational requirement: The old computational requirement could be met by CS 180 or CS 181. CS 181 is no longer offered and has been replaced by CS 221. We are updating the requirements to reflect this and adding STAT 330 as an option for the computational requirement.

3.2 Remove the supporting logic requirement of PHIL 215 or EE 180: PHIL 215 has been restructured into a new course PHIL 214 which is less applicable to mathematics. These PHIL courses may not be offered regularly. Mathematics majors are receiving adequate logic from within the department. This change only impacts the extended major.

Section 4: Consultations: The adjustment of the computational requirement was developed in consultation with CS faculty. The deletion of the supporting course PHIL215/EE180 requirement was motivated by changes in PHIL course offerings and has been discussed with and approved by the department head from Philosophy and Religion and the director of the School of Engineering and Applied Sciences.

Section 5: Proposed term for implementation: Fall 2019.
Section 6: Approval Flow Dates:

Department of Mathematics:	November 16, 2018
Ogden College Curriculum Committee:	
Undergraduate Curriculum Committee:	**1/22/19**
University Senate:	

7.1: Current BA in Mathematics

A major in mathematics provides a Bachelor of Arts degree and requires either a minimum of 36-39 semester hours for a general major with a minor or second major or a minimum of 51 semester hours for an extended major. Note: All mathematics courses listed as prerequisites for other mathematics courses must have been completed with a grade of "C" or better.

Students who wish to declare a 728 or 528 mathematics major will initially be designated as "seeking admission" until the following requirements have been satisfied:

- Complete MATH 136, MATH 137, and MATH 307 or MATH 310, with a grade of "C" or better in each course.
- Have an overall GPA of at least 2.4 in mathematics program courses (MATH 136 and above) completed prior to admission.

The general major (728) offers two options: (1) Non-teacher certifiable Major in Mathematics; (2) Major Certifiable for Teaching Secondary Level Mathematics.
The extended major (528) offers only the first option. Option 1 students in the general major (728) are required to satisfy a computational requirement by completing either one course chosen from CS 180, CS 181, PHYS 316, or PHYS 318, while those in the extended major (528) are required to satisfy a computational requirement by completing ~~two courses chosen from CS 180, CS 181~~, MATH 371, PHYS 316, or PHYS 318. [If MATH 371 is selected for this requirement, it cannot also be used as an elective in the extended major (528).] Option 2 students are required to complete either CS 170 or CS 180.

Option 1: Non-Teacher Certifiable Major in Mathematics

(A) General Major (728): The student must complete a minimum of 39 hours of mathematics with a minor or second major giving a total of at least 59 hours (53 unduplicated) with the following requirements:

1. MATH 136, MATH 137, MATH 237, MATH 307, MATH 310, MATH 317, MATH 337, MATH 498.
2. Two courses from: MATH 405, MATH 406, MATH 415, MATH 417, MATH 423, MATH 431, MATH 435, MATH 439, MATH 450, MATH 470, MATH 473, MATH 482.
3. Six elective hours from: MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371, MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 450, MATH 470, MATH 475 (up to 6 hours), MATH 482.
4. Students may take certain 500-level mathematics courses for undergraduate credit with the approval of the Dept. Head in place of courses listed in items 2 or 3.
5. Note: This major is not intended to prepare students adequately for graduate mathematics. Students intending to seek a graduate degree should pursue major 528.

(B) Extended Major (528):
To prepare for graduate study in mathematics, the student must complete a minimum of 51hours of mathematics with the following requirements:

1. MATH 136, MATH 137, MATH 237, MATH 307, MATH 310, MATH 317, MATH 337, MATH 431, MATH 498.
2. Have a concentration in one of the following areas: B1, B2, or B3.

   B1: Fundamentals of Analysis and Discrete Mathematics:

   i. MATH 417, MATH 439, MATH 450
   ii. Two courses from: MATH 315, MATH 323, MATH 415, MATH 423, MATH 473
   iii. Six additional elective hours from: MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 409, MATH 415, MATH 423, MATH 435, MATH 470, MATH 473, MATH 475 (up to 6 hours), MATH 482.

   B2: Fundamentals of Applied Mathematics

   i. MATH 331, MATH 370, MATH 382, MATH 405.
   ii. Two courses from: MATH 305, MATH 406, MATH 435, MATH 470, MATH 482
   iii. Three credit hours from MATH 275, STAT 301, MATH 305, MATH 315, MATH 323, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 398, MATH 406, MATH 409, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 450, MATH 470, MATH 473, MATH 475, MATH 482.

   B3: Fundamentals of Mathematical Studies

   i. MATH 450
   ii. Two courses from: MATH 405, MATH 406, MATH 409, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 470, MATH 473, MATH 482.
   iii. Twelve additional elective hours from MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 409, MATH 415, MATH 423, MATH 435, MATH 470, MATH 473, MATH 475 (up to 6 hours), MATH 482

3. Students may take certain 500-level mathematics courses for undergraduate credit in place of courses listed in items B1i, B1ii, B2i, B2ii, B3i, or B3ii with the approval of the mathematics department head. No minor or second major for the extended major is required.

~~4. Also required is PHIL 215 or EE 180.~~

Option 2: Major Certifiable for Teaching Secondary Level Mathematics General Certifiable Major (reference number 728):
The student must complete a minimum of 36 hours of mathematics with a second major in Science and Mathematics Education (SMED) and with the following requirements:

1. MATH 136, MATH 137, MATH 237, MATH 304, MATH 307, MATH 310, MATH 317, MATH 323, MATH 498; STAT 301. Before the “professional semester,” the student must complete each of these courses with a grade of “C” or better and achieve a GPA of at least 2.5 in required mathematics courses.

2. At least 3 hours of 400-level mathematics from the following list: MATH 405, MATH 406, MATH 409, MATH 415, MATH 417, MATH 421, MATH 423, MATH 431, MATH 435, MATH 439, MATH 450, MATH 470, MATH 482.

Students in this option must have a second major in science and mathematics education (SMED). In addition, students must attain a grade of “C” or better in each required mathematics course and a 2.5 GPA for all required mathematics courses.

7.1: Proposed BA in Mathematics

A major in mathematics provides a Bachelor of Arts degree and requires either a minimum of 36-39 semester hours for a general major with a minor or second major or a minimum of 51 semester hours for an extended major. Note: All mathematics courses listed as prerequisites for other mathematics courses must have been completed with a grade of "C" or better.

Students who wish to declare a 728 or 528 mathematics major will initially be designated as "seeking admission" until the following requirements have been satisfied:

- Complete MATH 136, MATH 137, and MATH 307 or MATH 310, with a grade of "C" or better in each course.
- Have an overall GPA of at least 2.4 in mathematics program courses (MATH 136 and above) completed prior to admission.

The general major (728) offers two options: (1) Non-teacher certifiable Major in Mathematics; (2) Major Certifiable for Teaching Secondary Level Mathematics.
The extended major (528) offers only the first option. Option 1 students in the general major (728) are required to satisfy a computational requirement by completing one course chosen from CS 180, PHYS 316, or PHYS 318, while those in the extended major (528) are required to satisfy a computational requirement by completing two courses chosen from CS 180, CS 221, STAT 330, MATH 371, PHYS 316, or PHYS 318. [If MATH 371 is selected for this requirement, it cannot also be used as an elective in the extended major (528).] Option 2 students are required to complete either CS 170 or CS 180.

Option 1: Non-Teacher Certifiable Major in Mathematics

(A) General Major (728): The student must complete a minimum of 39 hours of mathematics with a minor or second major giving a total of at least 59 hours (53 unduplicated) with the following requirements:

1. MATH 136, MATH 137, MATH 237, MATH 307, MATH 310, MATH 317, MATH 337, MATH 498.
2. Two courses from: MATH 405, MATH 406, MATH 415, MATH 417, MATH 423, MATH 431, MATH 435, MATH 439, MATH 450, MATH 470, MATH 473, MATH 482.
3. Six elective hours from: MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371, MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 450, MATH 470, MATH 475 (up to 6 hours), MATH 482.
4. Students may take certain 500-level mathematics courses for undergraduate credit with the approval of the Dept. Head in place of courses listed in items 2 or 3.
5. Note: This major is not intended to prepare students adequately for graduate mathematics. Students intending to seek a graduate degree should pursue major 528.

(B) Extended Major (528):
To prepare for graduate study in mathematics, the student must complete a minimum of 51hours of mathematics with the following requirements:

1. MATH 136, MATH 137, MATH 237, MATH 307, MATH 310, MATH 317, MATH 337, MATH 431, MATH 498.
2. Have a concentration in one of the following areas: B1, B2, or B3.

   B1: Fundamentals of Analysis and Discrete Mathematics:

   i. MATH 417, MATH 439, MATH 450
   ii. Two courses from: MATH 315, MATH 323, MATH 415, MATH 423, MATH 473
   iii. Six additional elective hours from: MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 409, MATH 415, MATH 423, MATH 435, MATH 470, MATH 473, MATH 475 (up to 6 hours), MATH 482.

   B2: Fundamentals of Applied Mathematics

   i. MATH 331, MATH 370, MATH 382, MATH 405.
   ii. Two courses from: MATH 305, MATH 406, MATH 435, MATH 470, MATH 482
   iii. Three credit hours from MATH 275, STAT 301, MATH 305, MATH 315, MATH 323, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 398, MATH 406, MATH 409, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 450, MATH 470, MATH 473, MATH 475, MATH 482.

   B3: Fundamentals of Mathematical Studies

   i. MATH 450
   ii. Two courses from: MATH 405, MATH 406, MATH 409, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 470, MATH 473, MATH 482.
   iii. Twelve additional elective hours from MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 409, MATH 415, MATH 423, MATH 435, MATH 470, MATH 473, MATH 475 (up to 6 hours), MATH 482

3. Students may take certain 500-level mathematics courses for undergraduate credit in place of courses listed in items B1i, B1ii, B2i, B2ii, B3i, or B3ii with the approval of the mathematics department head. No minor or second major for the extended major is required.

Option 2: Major Certifiable for Teaching Secondary Level Mathematics General Certifiable Major (reference number 728):
The student must complete a minimum of 36 hours of mathematics with a second major in Science and Mathematics Education (SMED) and with the following requirements:

1. MATH 136, MATH 137, MATH 237, MATH 304, MATH 307, MATH 310, MATH 317, MATH 323, MATH 498; STAT 301. Before the "professional semester," the student must complete each of these courses with a grade of "C" or better and achieve a GPA of at least 2.5 in required mathematics courses.

2. At least 3 hours of 400-level mathematics from the following list: MATH 405, MATH 406, MATH 409, MATH 415, MATH 417, MATH 421, MATH 423, MATH 431, MATH 435, MATH 439, MATH 450, MATH 470, MATH 482.

Students in this option must have a second major in science and mathematics education (SMED). In addition, students must attain a grade of "C" or better in each required mathematics course and a 2.5 GPA for all required mathematics courses.

Proposal to Revise a program: Major in Mathematics
Ogden College
Department/Unit: Mathematics

Section 1: Proponent Contact Information

1.1 Name/Title: Tom Richmond
1.2 Email address: tom.richmond@wku.edu
1.3 Phone # 745-6219

Section 2: Program Information

2.4 Classification of Instructional Program (CIP) reference number: 728

2.5 Current Program title: Major in Mathematics

2.6 Current total number of credits required in the program: 36-39

Section 3: Proposed program revisions and rationales:

3.3 Adjust the computational requirement: The old computational requirement could be met by CS 180 or CS 181. CS 181 is no longer offered and has been replaced by CS 221. We are updating the requirements to reflect this.

Section 4: Consultations: The adjustment of the computational requirement was developed in consultation with CS faculty.

Section 5: Proposed term for implementation: Fall 2019.
Section 6: Approval Flow Dates:

Department of Mathematics:	November 16, 2018
Ogden College Curriculum Committee:	
Undergraduate Curriculum Committee:	**1/22/19**
University Senate:	

7.1: Current BA in Mathematics

A major in mathematics provides a Bachelor of Arts degree and requires either a minimum of 36-39 semester hours for a general major with a minor or second major or a minimum of 51 semester hours for an extended major. Note: All mathematics courses listed as prerequisites for other mathematics courses must have been completed with a grade of "C" or better.

Students who wish to declare a 728 or 528 mathematics major will initially be designated as "seeking admission" until the following requirements have been satisfied:

- Complete MATH 136, MATH 137, and MATH 307 or MATH 310, with a grade of "C" or better in each course.
- Have an overall GPA of at least 2.4 in mathematics program courses (MATH 136 and above) completed prior to admission.

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The extended major (528) offers only the first option. Option 1 students in the general major (728) are required to satisfy a computational requirement by completing ~~either~~ one ~~course chosen from CS 180, CS 181~~, PHYS 316, or PHYS 318, while those in the extended major (528) are required to satisfy a computational requirement by completing two courses chosen from CS 180, CS 181, MATH 371, PHYS 316, or PHYS 318. [If MATH 371 is selected for this requirement, it cannot also be used as an elective in the extended major (528).] Option 2 students are required to complete either CS 170 or CS 180.

Option 1: Non-Teacher Certifiable Major in Mathematics

(A) General Major (728): The student must complete a minimum of 39 hours of mathematics with a minor or second major giving a total of at least 59 hours (53 unduplicated) with the following requirements:

6. MATH 136, MATH 137, MATH 237, MATH 307, MATH 310, MATH 317, MATH 337, MATH 498.
7. Two courses from: MATH 405, MATH 406, MATH 415, MATH 417, MATH 423, MATH 431, MATH 435, MATH 439, MATH 450, MATH 470, MATH 473, MATH 482.
8. Six elective hours from: MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371, MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 450, MATH 470, MATH 475 (up to 6 hours), MATH 482.
9. Students may take certain 500-level mathematics courses for undergraduate credit with the approval of the Dept. Head in place of courses listed in items 2 or 3.
10. Note: This major is not intended to prepare students adequately for graduate mathematics. Students intending to seek a graduate degree should pursue major 528.

(B) Extended Major (528):
To prepare for graduate study in mathematics, the student must complete a minimum of 51hours of mathematics with the following requirements:

5. MATH 136, MATH 137, MATH 237, MATH 307, MATH 310, MATH 317, MATH 337, MATH 431, MATH 498.
6. Have a concentration in one of the following areas: B1, B2, or B3.

   B1: Fundamentals of Analysis and Discrete Mathematics:

   iv. MATH 417, MATH 439, MATH 450
   v. Two courses from: MATH 315, MATH 323, MATH 415, MATH 423, MATH 473
   vi. Six additional elective hours from: MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 409, MATH 415, MATH 423, MATH 435, MATH 470, MATH 473, MATH 475 (up to 6 hours), MATH 482.

   B2: Fundamentals of Applied Mathematics

   iv. MATH 331, MATH 370, MATH 382, MATH 405.
   v. Two courses from: MATH 305, MATH 406, MATH 435, MATH 470, MATH 482
   vi. Three credit hours from MATH 275, STAT 301, MATH 305, MATH 315, MATH 323, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 398, MATH 406, MATH 409, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 450, MATH 470, MATH 473, MATH 475, MATH 482.

   B3: Fundamentals of Mathematical Studies

   iv. MATH 450
   v. Two courses from: MATH 405, MATH 406, MATH 409, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 470, MATH 473, MATH 482.
   vi. Twelve additional elective hours from MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 409, MATH 415, MATH 423, MATH 435, MATH 470, MATH 473, MATH 475 (up to 6 hours), MATH 482

7. Students may take certain 500-level mathematics courses for undergraduate credit in place of courses listed in items B1i, B1ii, B2i, B2ii, B3i, or B3ii with the approval of the mathematics department head. No minor or second major for the extended major is required.

8. Also required is PHIL 215 or EE 180.

Option 2: Major Certifiable for Teaching Secondary Level Mathematics General Certifiable Major (reference number 728):
The student must complete a minimum of 36 hours of mathematics with a second major in Science and Mathematics Education (SMED) and with the following requirements:

3. MATH 136, MATH 137, MATH 237, MATH 304, MATH 307, MATH 310, MATH 317, MATH 323, MATH 498; STAT 301. Before the “professional semester,” the student must complete each of these courses with a grade of “C” or better and achieve a GPA of at least 2.5 in required mathematics courses.

4. At least 3 hours of 400-level mathematics from the following list: MATH 405, MATH 406, MATH 409, MATH 415, MATH 417, MATH 421, MATH 423, MATH 431, MATH 435, MATH 439, MATH 450, MATH 470, MATH 482.

Students in this option must have a second major in science and mathematics education (SMED). In addition, students must attain a grade of “C” or better in each required mathematics course and a 2.5 GPA for all required mathematics courses.

7.1: Proposed BA in Mathematics

A major in mathematics provides a Bachelor of Arts degree and requires either a minimum of 36-39 semester hours for a general major with a minor or second major or a minimum of 51 semester hours for an extended major. Note: All mathematics courses listed as prerequisites for other mathematics courses must have been completed with a grade of "C" or better.

Students who wish to declare a 728 or 528 mathematics major will initially be designated as "seeking admission" until the following requirements have been satisfied:

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The general major (728) offers two options: (1) Non-teacher certifiable Major in Mathematics; (2) Major Certifiable for Teaching Secondary Level Mathematics.
The extended major (528) offers only the first option. Option 1 students in the general major (728) are required to satisfy a computational requirement by completing one course chosen from CS 180, PHYS 316, or PHYS 318, while those in the extended major (528) are required to satisfy a computational requirement by completing two courses chosen from CS 180, CS 221, STAT 330, MATH 371, PHYS 316, or PHYS 318. [If MATH 371 is selected for this requirement, it cannot also be used as an elective in the extended major (528).] Option 2 students are required to complete either CS 170 or CS 180.

Option 1: Non-Teacher Certifiable Major in Mathematics

(A) General Major (728): The student must complete a minimum of 39 hours of mathematics with a minor or second major giving a total of at least 59 hours (53 unduplicated) with the following requirements:

6. MATH 136, MATH 137, MATH 237, MATH 307, MATH 310, MATH 317, MATH 337, MATH 498.
7. Two courses from: MATH 405, MATH 406, MATH 415, MATH 417, MATH 423, MATH 431, MATH 435, MATH 439, MATH 450, MATH 470, MATH 473, MATH 482.
8. Six elective hours from: MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371, MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 450, MATH 470, MATH 475 (up to 6 hours), MATH 482.
9. Students may take certain 500-level mathematics courses for undergraduate credit with the approval of the Dept. Head in place of courses listed in items 2 or 3.
10. Note: This major is not intended to prepare students adequately for graduate mathematics. Students intending to seek a graduate degree should pursue major 528.

(B) Extended Major (528):
To prepare for graduate study in mathematics, the student must complete a minimum of 51hours of mathematics with the following requirements:

4. MATH 136, MATH 137, MATH 237, MATH 307, MATH 310, MATH 317, MATH 337, MATH 431, MATH 498.
5. Have a concentration in one of the following areas: B1, B2, or B3.

   B1: Fundamentals of Analysis and Discrete Mathematics:

   i. MATH 417, MATH 439, MATH 450
   ii. Two courses from: MATH 315, MATH 323, MATH 415, MATH 423, MATH 473
   iii. Six additional elective hours from: MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 409, MATH 415, MATH 423, MATH 435, MATH 470, MATH 473, MATH 475 (up to 6 hours), MATH 482.

   B2: Fundamentals of Applied Mathematics

   i. MATH 331, MATH 370, MATH 382, MATH 405.
   ii. Two courses from: MATH 305, MATH 406, MATH 435, MATH 470, MATH 482
   iii. Three credit hours from MATH 275, STAT 301, MATH 305, MATH 315, MATH 323, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 398, MATH 406, MATH 409, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 450, MATH 470, MATH 473, MATH 475, MATH 482.

   B3: Fundamentals of Mathematical Studies

   i. MATH 450
   ii. Two courses from: MATH 405, MATH 406, MATH 409, MATH 415, MATH 417, MATH 423, MATH 435, MATH 439, MATH 470, MATH 473, MATH 482.
   iii. Twelve additional elective hours from MATH 275 (up to 3 hours), STAT 301, MATH 305, MATH 315, MATH 323, MATH 331, MATH 370, MATH 371 (provided MATH 371 was not used to satisfy the computational requirement), MATH 382, MATH 398 (up to 3 hours), MATH 405, MATH 406, MATH 409, MATH 415, MATH 423, MATH 435, MATH 470, MATH 473, MATH 475 (up to 6 hours), MATH 482

6. Students may take certain 500-level mathematics courses for undergraduate credit in place of courses listed in items B1i, B1ii, B2i, B2ii, B3i, or B3ii with the approval of the mathematics department head. No minor or second major for the extended major is required.

Option 2: Major Certifiable for Teaching Secondary Level Mathematics General Certifiable Major (reference number 728):
The student must complete a minimum of 36 hours of mathematics with a second major in Science and Mathematics Education (SMED) and with the following requirements:

3. MATH 136, MATH 137, MATH 237, MATH 304, MATH 307, MATH 310, MATH 317, MATH 323, MATH 498; STAT 301. Before the “professional semester,” the student must

complete each of these courses with a grade of “C” or better and achieve a GPA of at least 2.5 in required mathematics courses.

4. At least 3 hours of 400-level mathematics from the following list: MATH 405, MATH 406, MATH 409, MATH 415, MATH 417, MATH 421, MATH 423, MATH 431, MATH 435, MATH 439, MATH 450, MATH 470, MATH 482.

Students in this option must have a second major in science and mathematics education (SMED). In addition, students must attain a grade of “C” or better in each required mathematics course and a 2.5 GPA for all required mathematics courses.

Proposal Date: November 2, 2018

College Name
Department Name
Proposal to Make Multiple Revisions to a Course
(Action Item)

Contact Person: Andy Mienaltowski, 5-2353, andrew.mienaltowski@wku.edu

1. Identification of course:

1.5 Current course prefix (subject area) and number**: PSYS 413**

1.6 Course title: **Psychological Measurement**

2. Revise course title:

2.1 Current course title:

2.2 Proposed course title:

2.3 Proposed abbreviated title:

2.4 Rationale for revision of course title:

3. Revise course number:

3.1 Current course number:

3.2 Proposed course number:

3.3 Rationale for revision of course number:

4. Revise course prerequisites/corequisites/special requirements:

4.1 Current prerequisites/corequisites/special requirements: (indicate which)

4.2 Proposed prerequisites/corequisites/special requirements:

4.3 Rationale for revision of course prerequisites/corequisites/special requirements:

4.4 Effect on completion of major/minor sequence:

5. Revise course catalog listing:

5.1 Current course catalog listing: The consideration of methodological, theoretical, and ethical problems involved in test construction and use. Topics covered include reliability, validity, predictive efficiency, structure of human abilities, achievement tests, and projective techniques.

5.2 Proposed course catalog listing: **The consideration of methodological, theoretical, and ethical problems involved in test construction and use. Topics covered include reliability, validity, and measurement theory. Includes lab-based projects such as test construction and item analysis.**

5.3 Rationale for revision of course catalog listing: Class involves project-based learning in a lab environment. The new course catalog listing reflects this content. Topics previously mentioned in listing but removed are reflected by measurement theory.

6. Revise course credit hours:

6.1 Current course credit hours:

6.2 Proposed course credit hours:

6.3 Rationale for revision of course credit hours:

7. Revise schedule type:

7.1 Current schedule type: L (lecture)

7.2 Proposed schedule type: **C (lecture/lab)**

7.3 Rationale for revision of schedule type: The new schedule type better reflects that project-based nature of the course.

8. Revise grade type:

8.1 Current grade type:

8.2 Proposed grade type:

8.3 Rationale for revision of grade type:

10. Proposed term for implementation: Earliest possible

11. Dates of prior committee approvals:

Department of Psychological Sciences	November 2, 2018
Ogden College Curriculum Committee	December 6, 2018
Undergraduate Curriculum Committee	**1/22/19**
University Senate	

Attendance Policy Information

General Guidelines for

Proposal to Revise an Academic Policy

- This form is used to make revisions to existing university academic policies such as those included in the Academic Requirements and Regulations section of the undergraduate catalog.
- A proposal to revise an existing academic policy at the program or college/school level should be submitted using the proposal to revise a program.
- Proposals to revise academic policies are **action items**.
- **Item 1** should briefly state the proposed revision to the academic policy.
- **Item 2** should state the current policy as printed in the catalog.
- **Item 3** should state the proposed policy to be printed in the catalog.
- **Item 4** should cite specific justification for the revision including supporting data, if appropriate. Is the revision a result of state or federal requirements or other governing or oversight agencies?
- **Item 5** should indicate the impact on any existing policies that may be affected by this revision, including the impact upon the populations that may be affected. Note that revisions in academic policies may impact non-academic policies.
- **Item 6** should indicate when the proposed revision goes into effect and any special provisions for currently enrolled students.

Proposal Date:

College Name
Department Name
Proposal to Revise an Academic Policy
(Action Item)

Contact Person:

Identification of proposed policy revision:

1. **Catalog statement of existing policy:**

Attendance Policy—Registration in a course obligates the student to be regular and punctual in class attendance. Students should make certain their names are on the class roll. If an error has been made in registration, it is the student's responsibility to see the error is corrected in the Office of the Registrar. It is the individual instructor's responsibility to inform students of the guidelines for implementing the instructor's attendance policy, in writing within one week of the start of the pertinent semester/term/summer session. Students who cease attending class are expected to report to the Office of the Registrar to initiate withdrawal procedures. Withdrawal deadlines are published each term in the Registration Guide.

Excessive absenteeism frequently contributes to poor academic achievement. An instructor who determines a student's absenteeism is inconsistent with the instructor's stated policy should either counsel with the student or request the Advising and Career Development Center arrange a counseling session with the student. Excessive absenteeism may result in the instructor's dismissing the student from the class and recording a failing grade, unless the student officially withdraws from the class before the withdrawal deadline. If the student withdraws from the university after the end of the official withdrawal period, excessive absenteeism may be one of the considerations in the instructor's deciding whether circumstances justify a "W" or an "F" in the course. The normal appeal process is available to the student who wants to appeal the decision of the instructor.

When a student is absent from class because of illness, death in the family, or other justifiable reasons, it is the student's responsibility to consult the instructor at the earliest possible time. Contact ACDC for guidance (270) 745- 5065.The ACDC provides class attendance notification services as requested by students and faculty. When requested by students, notifications of absences resulting from personal emergencies are relayed to faculty. In addition to this official notification, it is the student's responsibility to contact each professor to make arrangements to complete missed assignments and tests. The ACDC also notifies students of excessive absences reported by faculty.

Students who, without previous arrangement with the instructor or department, fail to attend the first two class meetings of a course meeting multiple times per week or the first meeting of a class that meets one time per week MAY be dropped from the course. Nonattendance for a

web-based course shall be defined as failure to perform meaningful academically-related activity (including, but not limited to, the following: submitting an academic assignment, taking an exam, participating in an online discussion about academic matters) within one week of the course start date without previous arrangements with the instructor or department.

2. Catalog statement of proposed policy:

Attendance Policy

It is the policy of Western Kentucky University that class attendance is an important part of a student's educational experience and is a requirement for success in courses. Registration in a course obligates the student to be regular and punctual in class attendance. Students should make certain their names are on the class roll. If an error has been made in registration, it is the student's responsibility to see the error is corrected in the Office of the Registrar. Students who know of necessary absences should consult with the instructor before the absence. Students who miss classes are not excused from the work associated with the course.

Students who cease attending class are expected to report to the Office of the Registrar to initiate withdrawal procedures. Withdrawal deadlines are published each term in the Registration Guide. Non-attendance does not relieve students of the responsibility for tuition or fees. It is the responsibility of each instructor to maintain records to inform the University whether a student was present in class until the 60% point of the term. Records may be kept in the instructor's desired format. Attendance has an effect on the receipt or repayment of financial aid or scholarship.

Instructors may create guidelines for attendance in each course. The instructor must notify students of the attendance policy in writing within one week of the start of the pertinent semester/term/summer session. It is recommended that this information be included in the course syllabus.

Excessive Absenteeism

Excessive absenteeism frequently contributes to poor academic achievement. An instructor who determines a student's absenteeism is inconsistent with the instructor's stated policy should either counsel with the student or request the Advising and Career Development Center arrange a counseling session with the student. Excessive absenteeism may result in the instructor's dismissing the student from the class and recording a failing grade, unless the student officially withdraws from the class before the withdrawal deadline. If the student withdraws from the university after the end of the official withdrawal period, excessive absenteeism may be one of the considerations in the instructor's deciding whether circumstances justify a "W" or an "F" in the course. The normal appeal process is available to the student who wants to appeal the decision of the instructor.

Medical or Bereavement Absenteeism

When a student is absent from class because of illness, death in the family, or other justifiable reasons, it is the student's responsibility to consult the instructor at the earliest possible time. Contact ACDC for guidance (270) 745-5065.The ACDC provides class attendance notification services as requested by students and faculty. When requested by students, notifications of

absences resulting from personal emergencies are relayed to faculty. In addition to this official notification, it is the student's responsibility to contact each professor to make acceptable arrangements to complete missed assignments and tests.

5th Week Check-in

The Advising and Career Development Center (ACDC) provides a 5th week check-in to all freshmen and sophomores in classes at the 200-level and below during the 5th week of each semester to help identify areas that may need improvement. Instructors shall provide information about students' class performance regarding attendance and grades. It is recommended that instructors offer a meaningful assessment during the first five weeks to measure student performance in addition to keeping track of attendance. Students may be flagged for missing class too frequently and/or for having a D/F in the course. Course instructors, academic advisors, residence hall staff and/or the ACDC may follow up with flagged students to discuss potential issues the student may be facing in and out of the classroom.

Drop for Non-Attendance (During Registration Period)

Students who, without previous arrangement with the instructor or department, fail to attend the first two class meetings of a course meeting multiple times per week or the first meeting of a class that meets one time per week should be dropped from the course by the instructor. Non-attendance for a web-based or online-hybrid course shall be defined as failure to perform meaningful academically-related activity (e.g., assignments, exams, and discussions about academic matters) within one week of the course start date without previous arrangements with the instructor or department. Instructors have the right to drop non-attending students during the drop/add period specified in the Registration Guide to allow other students to register for the course, thus cutting down on waitlists and bottlenecks.

Failure for Non-Attendance (After Registration Period)

Students who attended a course during the first week but ceased attending up to and including the 60% point of a term will receive a failure for non-attendance grade (FN). This grade shows no semester hours earned and no quality points. Non-attendance may include either ceasing to attend the course or failing to complete any meaningful assignments up to and including the 60% point of the term. Instructors must enter the date the student last attended the course when entering the FN grade on student's record.

Registration Requirement

No WKU student may attend a course for which he or she is not registered, either as a degree-seeking student or as a non-degree seeking student.

3. Rationale for proposed policy revision:

Encouraging and tracking student attendance works in the best interests of both students and the institution. This policy does not make a single substantive change, but brings together and clarifies a number of issues related to attendance, including 5th Week Check-in and drops for non-attendance/non-attendance fails.

4. Impact of proposed policy revision on existing academic or non-academic policies:

4.1 Impact on policies: none.

4.2 Impact on populations that may be affected: Waitlisted students may have class places opened for them when non-attendance drops are made in a timely way. In addition, encouraging faculty responsibility for attendance tracking and 5th Week check-in may allow us to identify and help more struggling students.

5. Proposed term for implementation: Fall 2019

6. Dates of prior committee approvals:

Department/ Unit _____

College Curriculum Committee (if applicable) _____

UCC Academic Policy Subcommittee (if applicable) _____

Undergraduate Curriculum Committee _____

University Senate _____

UCC Sub-Committee: Steering Committee Report

This group met to discuss a few of the UCC Forms and made a few amendments:

Amendments were:

1. Proposal to Revise a Program – 2.1 delete Classification of Instructional (CIP) (asking for CIP codes isn't very useful) – Should read "Program reference number".
2. Proposal to Revise a Program – 2.1 Delete Current – Should read "Program reference number". Also fix the Approval Flow Dates
3. Proposal to Create a New Course – 2.2 Couse CIP code – Delete the entire section and renumber the below sections.
4. Proposal to Create a New Course – 2.2 Course CIP code – Delete the entire number and renumber the below sections. – Add Section 8, "Dates of prior committee approvals" (proposing department/unit, XXX college curriculum committee, professional education council, colonnade committee, ucc, and university senate).
5. General Guidelines for Proposals to Create a New Certificate Program – Delete Bullet #8