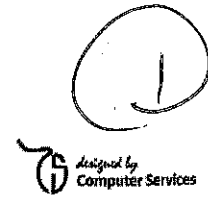


Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 03/27/2017 by William Bray (WBray@MissouriState.edu).

***All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

MTH181 Trigonometry

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

MTH 181 Trigonometry

Prerequisite: "C" grade or better in MTH 135 or appropriate placement score. General Education Course (Focus on Quantitative Literacy). Triangle trigonometry and its applications; trigonometric and inverse trigonometric functions; trigonometric identities and equations; Rational, exponential and logarithmic functions. Cannot receive credit toward graduation for both MTH 181 and MTH 138. Cannot count toward a mathematics major or minor. A grade of "C" or better is required in this course in order to take MTH 287. Cannot be taken Pass/Not Pass. 3(3-0) FS

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

← → **B I S**

MTH 181 Trigonometry

Prerequisite: "C" grade or better in MTH 135 or appropriate placement score. ~~General Education Course (Focus on Quantitative Literacy).~~ Triangle trigonometry and its applications; trigonometric and inverse trigonometric functions; trigonometric identities and equations; Rational, exponential and logarithmic functions. Cannot receive credit toward graduation for both MTH 181 and MTH 138. Cannot count toward a mathematics major or minor. A grade of "C" or better is required in this course in order to take MTH 287. ~~General Education Quantitative Literacy requirement is fulfilled with a grade of "C" or better in MTH 181.~~ Cannot be taken Pass/Not Pass. 3(3-0) FS



What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

Reason for proposed change

This change removes MTH 181 as a Quantitative Literacy course in General Education.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information

Other (be specific): MTH 181 has MTH 135 as prerequisite and the latter satisfies the Quantitative Literacy Goals in General Education. Students who place into MTH 181 (by passing MTH 135) and pass MTH 181 with a C or better will have the QL requirement automatically met. Effectively, this streamlines the QL requirements.

Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

02/01/2017

Current Status:

College Council Review

Proposal Progress:

03/27/2017 - Submitted by Department Head (William Bray)

Review Comments:

No comments have been added to this proposal.



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2

Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 03/27/2017 by William Bray (WBray@MissouriState.edu).

***All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

MTH261 Analytic Geometry and Calculus I

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

MTH 261 Analytic Geometry and Calculus I

Prerequisite: "C" grade or better in MTH 138 or MTH 181 or appropriate placement score. General Education Course (Focus on Quantitative Literacy). Analytic geometry of the plane, limits, continuity, differentiation with applications, introductory integration with applications. A grade of "C" or better is required in this course in order to take MTH 280 or 288. Cannot be taken Pass/Not Pass. 5(5-0) F,S

Revise the current online catalog description as needed. (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

← → **B I S**

MTH 261 Analytic Geometry and Calculus I

Prerequisite: "C" grade or better in MTH 138 or MTH 181 or appropriate placement score. ~~General Education Course (Focus on Quantitative Literacy).~~ Analytic geometry of the plane, limits, continuity, differentiation with applications, introductory integration with applications. A grade of "C" or better is required in this course in order to take MTH 280 or 288. General Education Quantitative Literacy requirement is fulfilled with a grade of "C" or better in MTH 261. Cannot be taken Pass/Not Pass. 5(5-0) F,S

What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite

2

- Credit Hours/Contact Hours
- Periodicity
- Description

Reason for proposed change

This change removes MTH 261 as a Quantitative Literacy course in General Education.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Accreditation/certification compliance
- Faculty Input
- Student Input
- Review of catalog information

Prerequisites for MTH 261 are in the list of Quantitative Literacy courses under General Education. This streamlines the QL portion of General Education.
Other (be specific):

Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

02/01/2017

Current Status:

College Council Review

Proposal Progress:

03/27/2017 - Submitted by Department Head (William Bray)

Review Comments:

No comments have been added to this proposal.



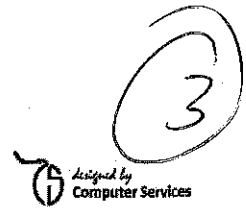
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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 03/27/2017 by William Bray (WBray@MissouriState.edu).

*All fields require input

This proposal applies to:

- Radio buttons for 'An existing COURSE' (checked) and 'An existing REGULAR (e.g. permanent) SECTION of a variable content course.'

Existing Course:

MTH287 Computational Calculus with Analytic Geometry I

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

MTH 287 Computational Calculus with Analytic Geometry I

Prerequisite: "C" or better in MTH 135 or MTH 138, or an approved score on a department placement test. General Education Course (Focus on Quantitative Literacy). Introduction to the concepts and methods of analytic geometry and differential and integral calculus with emphasis on applications in the natural sciences and technology. Cannot receive credit toward graduation for both MTH 287 and MTH 261. Cannot receive credit for both MTH 287 and MTH 285. A grade of "C" or better is required in this course in order to take MTH 288. Cannot be taken Pass/Not Pass. 3(3-0) F

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

Rich text editor with undo, redo, bold, italic, strikethrough icons. Content: MTH 287 Computational Calculus with Analytic Geometry I. Prerequisite: "C" or better in MTH 135 or MTH 138, or an approved score on a department placement test. General Education Course (Focus on Quantitative Literacy). Introduction to the concepts and methods of analytic geometry and differential and integral calculus with emphasis on applications in the natural sciences and technology. Cannot receive credit toward graduation for both MTH 287 and MTH 261. Cannot receive credit for both MTH 287 and MTH 285. A grade of "C" or better is required in this course in order to take MTH 288. General Education Quantitative Literacy requirement is fulfilled with a grade of "C" or better in MTH 287. Cannot be taken Pass/Not Pass. 3(3-0) F

3

What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

Reason for proposed change

This change removes MTH 287 as a Quantitative Literacy course under General Education.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information

Other (be specific): Prerequisites for MTH 287 satisfy the Quantitative Literacy goals under General Education. This streamlines the QL portion of General Education.

Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

02/01/2017

Current Status:

College Council Review

Proposal Progress:

03/27/2017 - Submitted by Department Head (William Bray)

Review Comments:

No comments have been added to this proposal.



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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 09/29/2017 by William Bray (WBray@MissouriState.edu).

***All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

MTH493 Supervised Teaching (Secondary Mathematics)

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

MTH 493 Supervised Teaching (Secondary Mathematics)

Prerequisite: MTH 409 and MTH 410 and MTH 411; and a grade of "C" or better in all professional education courses; current pre-professional liability insurance; and approval for supervised teaching; and concurrent enrollment in MTH 494. The student observes, then teaches mathematics classes under the direction of the cooperating teacher and the university supervisor. The student also participates in professional activities of a teacher, attends all required university meetings, and completes all required university assignments. Course will not count toward the major GPA. Supplemental course fee. Public Affairs Capstone Experience course. 5-6 F/S

Revise the current online catalog description as needed. (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

← → **B I S**

MTH 493 Seminar in Supervised Teaching (Secondary Mathematics)

Prerequisite: MTH 409 and MTH 410 and MTH 411; and a grade of "C" or better in all professional education courses; current pre-professional liability insurance; and approval for supervised teaching; and concurrent enrollment in MTH 494. ~~The student observes, then teaches mathematics classes under the direction of the cooperating teacher and the university supervisor. The student also participates in professional activities of a teacher, attends all required university meetings, and completes all required university assignments. Course will not count toward the major GPA. Supplemental course fee.~~ **Focus will be on discussion, reflection, and analysis of field experiences during supervised teaching as well as discussion of Missouri Pre-service Teacher Assessment (MoPTA) to be completed while student teaching. May not be taken Pass/Not Pass. Course will not count toward the major GPA.** Public Affairs Capstone Experience course. 5-6 Credit hours: 2; Lecture hours: 2, Lab hours: 0 F/S

4

What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

Reason for proposed change

In the past, student teaching was conducted using placement in two different schools and MTH 493 and 494 each had 6 credit hours reflecting the two placements. Due to changes in state certification requirements, only one placement is now used. The change proposes MTH 493 for 2 credit hours be focused on the on-campus discussion, reflection, and analysis of the student's field experience. A separate course change proposal will place the actual field experience placement in MTH 494 for 10 credit hours.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

09/20/2017

Current Status:

College Council Review

Proposal Progress:

09/29/2017 - Submitted by Department Head (William Bray)

Review Comments:

No comments have been added to this proposal.



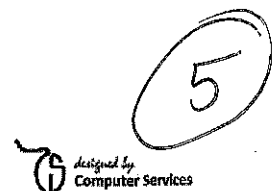
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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 09/29/2017 by William Bray (WBray@MissouriState.edu).

***All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

MTH494 Supervised Teaching (Secondary Mathematics)

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

MTH 494 Supervised Teaching (Secondary Mathematics)

Prerequisite: concurrent enrollment in MTH 493. The student observes, then teaches mathematics classes under the direction of the cooperating teacher and the university supervisor. The student also participates in professional activities of a teacher, attends all required university meetings, and completes all required university assignments. Course will not count toward the major GPA. Supplemental course fee. Public Affairs Capstone Experience course. 5-6 F,S

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

← → | **B** *I* ~~S~~

MTH 494 Supervised Teaching (Secondary Mathematics)

Prerequisite: concurrent enrollment in MTH 493. The student observes, then teaches mathematics classes under the direction of the cooperating teacher and the university supervisor. The student also participates in professional activities of a teacher, attends all required university meetings, and completes all required university assignments. **The student will complete the Missouri Pre-Service Teacher Assessment while student teaching. May not be taken Pass/Not Pass.** Course will not count toward the major GPA. Supplemental course fee. Public Affairs Capstone Experience course. 5-6 Credit hours: 10; Lecture hours: Lab hours: F,S

What is changing? Check all boxes that apply.

5

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

Reason for proposed change

In the past, student teaching was conducted using placement in two different schools and MTH 493 and 494 each had 6 credit hours reflecting the two placements. Due to changes in state certification requirements, only one placement is now used. The change proposes MTH 494 for 10 credit hours be focused on the on the actual field experience of student teaching. A separate course change proposal on campus focused on discussion, reflection, and analysis of the students field experience is submitted for MTH 493.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

09/20/2017

Current Status:

College Council Review

Proposal Progress:

09/29/2017 - Submitted by Department Head (William Bray)

Review Comments:

No comments have been added to this proposal.



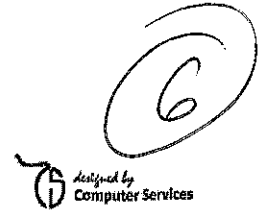
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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Program Proposal Form

Change Program Proposal Form

Submitted on 09/29/2017 by William Bray (WBray@MissouriState.edu).

Department:

Mathematics

Type of Program

Choose One:

- Major (Non-Comprehensive/Graduate Program)
Minor
Academic Rules
Comprehensive Major
Certificate
Other
Option
Certification

Title of Program Affected:

Secondary Education/Mathematics-MSED

Current Catalog Description: (Either cut and paste present description from online catalog OR provide as an attachment below)

Secondary Education: Mathematics Area of Emphasis
Master of Science in Education, Secondary Education: Mathematics Area of Emphasis
Contact area of emphasis Dr. Gay Ragan.
See program requirements for the MSED, Secondary Education.
Prerequisite Mathematics requirements
MTH 315 or equivalent; and MTH 302 or equivalent.
Mathematics requirements
Students must take 15 hours of Mathematics courses for the emphasis area. Of these 15 hours, at least 3 hours must be at the 700 level

Not Attached

Complete New Catalog Description: (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any content that is copied and pasted will lose existing formatting; please review prior to submission] OR provide as an attachment below)

Rich text editor toolbar with icons for undo, redo, bold, italic, and strikethrough.

6

Secondary Education: Mathematics Area of Emphasis
 Master of Science in Education, Secondary Education: Mathematics Area of Emphasis
 Contact area of emphasis Dr. Gay Ragan.
 See program requirements for the MSEd, Secondary Education.
 Prerequisite Mathematics requirements
 MTH 315 or equivalent; and MTH 302 or equivalent.
 Mathematics requirements
 Students must take 15 hours of Mathematics courses for the emphasis area **as follows** (Of these 15 hours, at least 3 hours must be at the 700 level):
MTH 710 Contemporary Mathematics for Secondary Teachers 3 hrs
Additional course work in Mathematics 12 hrs
Total 15 hrs

Not Attached

Total Hours: 33

What is changing? Check all boxes that apply:

- Title change
- From option to program (major)
- Course changes of under 18 hours
- From program (major) to option
- Course changes of 18 hours or more
- Other Requiring MTH 710 as one of the mathematics requirements.

Reason for Proposed Change:

MTH 710 must be in the program for accreditation assessment requirements.

What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)

09/20/2017

Current Status:

Dean Review

Proposal Progress:

09/29/2017 - Submitted by Department Head (William Bray)

Review Comments:

No comments have been added to this proposal.



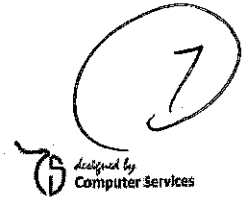
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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Program Proposal Form

Change Program Proposal Form

Submitted on 09/20/2017 by Matthew Siebert (MSiebert@MissouriState.edu).

Department:

Chemistry

Type of Program

Choose One:

- Major (Non-Comprehensive/Graduate Program)
- Minor
- Academic Rules
- Comprehensive Major
- Certificate
- Other
- Option
- Certification

Choose All That Apply:

- Bachelor of Arts
- Bachelor of Music Education
- Bach of Science in Athl Traing
- Bachelor of Applied Science
- Bachelor of Music
- Bach of Science in Education
- Bachelor of Fine Arts
- Bachelor of Science
- Bachelor of Science in Nursing
- Bachelor of Social Work

Title of Program Affected:

Chemistry

Current Catalog Description: (Either cut and paste present description from online catalog **OR** provide as an attachment below)

7

Chemistry
 Bachelor of Arts
 Bachelor of Science

A. CHM 160(4), 161(1), 170(3), 171(1); CHM 201(3) and 202(2) or CHM 342(5)

B. Select an emphasis area from the options below:

a. Analytical: CHM 302(5)

b. Biochemistry: CHM 352(3) and 353(2); or CHM 452(3) and 453(2)

c. Environmental: CHM 460(3) and 461(3)

d. Inorganic: CHM 375(3) and 376(2)

e. Organic: CHM 343(5) or 344(3); and CHM 514(3) or CHM 542(3)

f. Physical: CHM 506(3); and CHM 507(3) or 508(2)

g. Student Option: Select at least 8 hours in CHM courses numbered 302 or higher.

Declare a minor in chemistry by contacting the Registrar, either by email or in person, with your intent to declare a minor. There is no fee or form required by the chemistry department to declare a minor in chemistry.

Not Attached

Complete New Catalog Description: (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any content that is copied and pasted will lose existing formatting; please review prior to submission] **OR** provide as an attachment below)

← → B I S

Chemistry
 Bachelor of Arts
 Bachelor of Science

A. CHM 160(4), 161(1), 170(3), 171(1); CHM 201(3) and 202(2) or CHM 342(5)

B. Select an emphasis area from the options below:

a. **Pre-health: CHM 343(5); and 352(3) or 452(3)**

b. Analytical: CHM 302(5)

c. Biochemistry: CHM 352(3) and 353(2); or CHM 452(3) and 453(2)

d. Environmental: CHM 460(3) and 461(3)

e. Inorganic: CHM 375(3) and 376(2)

f. Organic: CHM 343(5) or 344(3); and CHM 514(3) or CHM 542(3)

g. Physical: CHM 506(3); and CHM 507(3) or 508(2)

h. Student Option: Select at least 8 hours in CHM courses numbered 302 or higher.

Declare a minor in chemistry by contacting the Registrar, either by email or in person, with your intent to declare a minor. There is no fee or form required by the chemistry department to declare a minor in chemistry.

Not Attached

Total Hours: unchanged

What is changing? Check all boxes that apply:

- Title change
- From option to program (major)
- Course changes of under 18 hours
- From program (major) to option
- Course changes of 18 hours or more
- Other adding an optional track.

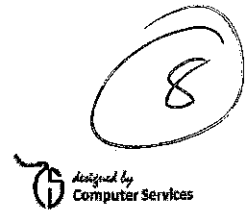
Reason for Proposed Change:

Codifying an option useful for many students pursuing a minor in chemistry.

What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)

09/19/2017

Current Status:

Missouri State.**Curricular Action Workflow**

Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form**Submitted on 09/20/2017 by Matthew Siebert (MSiebert@MissouriState.edu).*****All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

CHM116 Fundamentals of Chemistry

Will this proposal need to be reviewed by CGEIP? No YesWill this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

CHM 116 Fundamentals of Chemistry

Prerequisite: concurrent enrollment in MTH 103 or eligibility for a higher mathematics course. General Education Course (Focus on Physical Sciences). Concurrent enrollment in CHM 117 is highly recommended. Emphasis on chemical fundamentals and applications. Recommended for students needing only one semester of introductory chemistry. Cannot be counted towards a chemistry major or minor. 4(4-0) F,S

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

CHM 116 Fundamentals of Chemistry

Prerequisite: concurrent enrollment in MTH 103 or eligibility for **MTH 130** or a higher mathematics course. General Education Course (Focus on Physical Sciences). Concurrent enrollment in CHM 117 is highly recommended. Emphasis on chemical fundamentals and applications. Recommended for students needing only one semester of introductory chemistry. Cannot be counted towards a chemistry major or minor. 4(4-0) F,S

What is changing? Check all boxes that apply.

- Course Code Course Number (Check Availability) Title Prerequisite

8

- Credit Hours/Contact Hours
- Periodicity
- Description

Reason for proposed change

MTH 121 did not exist at the time that prerequisites were written for this course. The change clarifies that MTH 121 is not an appropriate prerequisite for CHM116.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

09/19/2017

Current Status:

College Council Review

Proposal Progress:

09/20/2017 - Submitted by Department Head (Bryan Breyfogle)

Review Comments:

No comments have been added to this proposal.



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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 09/20/2017 by Matthew Siebert (MSiebert@MissouriState.edu).

***All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

CHM117 Fundamentals of Chemistry Laboratory

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

CHM 117 Fundamentals of Chemistry Laboratory

Prerequisite: "C-" or better in CHM 116 or concurrent enrollment; concurrent enrollment in MTH 103 or eligibility for a higher mathematics course. General Education Course (Focus on Physical Sciences). Emphasis on experiments and lab skills associated with the lecture material in CHM 116, such as chemical fundamentals and applications. Recommended for students needing only one semester of general chemistry lab. Cannot be counted towards a chemistry major or minor. Cannot be taken Pass/Not Pass. Supplemental course fee: 1(0-2) F,S

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

← → B I S
<p>CHM 117 Fundamentals of Chemistry Laboratory</p> <p>Prerequisite: "C-" or better in CHM 116 or concurrent enrollment; concurrent enrollment in MTH 103 or eligibility for MTH 130 or a higher mathematics course. General Education Course (Focus on Physical Sciences). Emphasis on experiments and lab skills associated with the lecture material in CHM 116, such as chemical fundamentals and applications. Recommended for students needing only one semester of general chemistry lab. Cannot be counted towards a chemistry major or minor. Cannot be taken Pass/Not Pass. Supplemental course fee: 1(0-2) F,S</p>

What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite
- Credit Hours/Contact Hours
- Periodicity
- Description

9

Reason for proposed change

MTH 121 did not exist at the time that prerequisites were written for this course. The change clarifies that MTH 121 is not an appropriate prerequisite for CHM117.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

09/19/2017

Current Status:

College Council Review

Proposal Progress:

09/20/2017 - Submitted by Department Head (Bryan Breyfogle)

Review Comments:

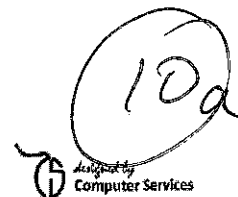
No comments have been added to this proposal.



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Missouri State.**Curricular Action Workflow**

Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form**Submitted on 09/20/2017 by Matthew Siebert (MSiebert@MissouriState.edu).*****All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

CHM542 Advanced Organic Chemistry

Will this proposal need to be reviewed by CGEIP? No YesWill this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

CHM 542 Advanced Organic Chemistry

Prerequisite: "C-" grade or better in CHM 343 or CHM 344. Structure, reaction mechanisms, stereochemistry and other topics of theoretical nature in organic and polymer chemistry. May be taught concurrently with CHM 642. Cannot receive credit for both CHM 542 and CHM 642. 3(3-0) F

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

CHM 542 Advanced Organic Chemistry

Prerequisite: "C-" grade or better in CHM 343 or CHM 344. **Advanced discussion of s**Structure, reaction mechanisms, stereochemistry and other topics of theoretical nature in organic and ~~polymer~~ chemistry. **Polar, free-radical, pericyclic, and organometallic reactions beyond Organic Chemistry I and II will be discussed.** May be taught concurrently with CHM 642. Cannot receive credit for both CHM 542 and CHM 642. 3(3-0) F

What is changing? Check all boxes that apply.

- Course Code Course Number (Check Availability) Title Prerequisite
- Credit Hours/Contact Hours Periodicity Description

10a

Reason for proposed change

This is an update to the course description to better convey to students the content of the course.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

09/19/2017

Current Status:

College Council Review

Proposal Progress:

09/20/2017 - Submitted by Department Head (Bryan Breyfogle)

Review Comments:

No comments have been added to this proposal.



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Missouri State**Curricular Action Workflow**Missouri State > Computer Services - MIS > Curricular Action
Workflow > CAW - Change Course Proposal Form**Change Course Proposal Form****Submitted on 09/20/2017 by Matthew Siebert (MSiebert@MissouriState.edu).*****All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

CHM642 Advanced Organic Chemistry

Will this proposal need to be reviewed by CGEIP? No YesWill this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

CHM 642 Advanced Organic Chemistry

Prerequisite: "C-" grade or better in CHM 343 or CHM 344. Structure, reaction mechanisms, stereochemistry and other topics of theoretical nature in organic and polymer chemistry. May be taught concurrently with CHM 542.

Cannot receive credit for both CHM 542 and CHM 642. 3(3-0) F

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

← → **B I S**

CHM 642 Advanced Organic Chemistry

Prerequisite: "C-" grade or better in CHM 343 or CHM 344. **Advanced discussion of sStructure, reaction mechanisms, stereochemistry and other topics of theoretical nature in organic and polymer chemistry. Polar, free-radical, pericyclic, and organometallic reactions beyond Organic Chemistry I and II will be discussed.** May be taught concurrently with CHM 542. Cannot receive credit for both CHM 542 and CHM 642. 3(3-0) F

What is changing? Check all boxes that apply.

- Course Code Course Number (Check Availability) Title Prerequisite
- Credit Hours/Contact Hours Periodicity Description

Reason for proposed change

This is an update to the course description to better convey to students the content of the course.

106

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum
- Faculty Input
- Student Input
- Accreditation/certification compliance
- Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

09/19/2017

Current Status:

Routing to next reviewer

Proposal Progress:

09/20/2017 - Submitted by Department Head (Bryan Breyfogle)

09/20/2017 - Reviewed by Dean (Tamera Jahnke)

Review Comments:

No comments have been added to this proposal.



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Missouri State

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Course Proposal Form

Change Course Proposal Form

Submitted on 09/29/2017 by Robin Powell (Robinpowell@missouristate.edu).

***All fields require input**

This proposal applies to:

- An existing COURSE
- An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

CSC232 Data Structures

Will this proposal need to be reviewed by CGEIP? No Yes

Will this proposal need to be reviewed by EPPC? No Yes

Current online catalog description:

CSC 232 Data Structures

Prerequisite: "C" or better in CSC 130 and CSC 131; and MTH 215 or MTH 315 or concurrent enrollment. A continuation of CSC 131. Topics will include: algorithm design; complexity analysis; abstract data types and encapsulation; basic data structures and their application, including stacks, queues, linked lists and binary trees; dynamic memory allocation; recursion; sorting and searching; debugging techniques. 4(3-2) F,S

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

← → | **B** *I* ~~S~~

CSC 232 Data Structures

Prerequisite: "C" or better in ~~CSC 130 and~~ CSC 131; and MTH 215 or **MTH 261** or MTH 315 or concurrent enrollment. A continuation of CSC 131. Topics will include: algorithm design; complexity analysis; abstract data types and encapsulation; basic data structures and their application, including stacks, queues, linked lists and binary trees; dynamic memory allocation; recursion; sorting and searching; debugging techniques. 4(3-2) F,S

What is changing? Check all boxes that apply.

- Course Code
- Course Number (Check Availability)
- Title
- Prerequisite

Credit Hours/Contact Hours Periodicity Description

11

Reason for proposed change

To be consistent with the Software Development mathematics requirements

Does this change affect course assessment (e.g. student learning evidence/outcomes)? No Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- Routine or annual review/assessment of curriculum Faculty Input Student Input
- Accreditation/certification compliance Review of catalog information
- Other (be specific):
- Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

09/08/2017

Current Status:

College Council Review

Proposal Progress:

09/29/2017 - Submitted by Department Head (Jorge Rebaza-Vasquez)

Review Comments:

No comments have been added to this proposal.



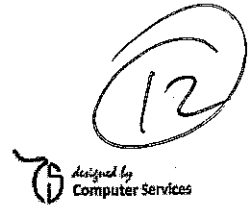
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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action
Workflow > CAW - Change Program Proposal Form

Change Program Proposal Form

Submitted on 09/29/2017 by Robin Powell (Robinpowell@missouristate.edu).

Department:

Computer Science

Type of Program

Choose One:

- Major (Non-Comprehensive/Graduate Program)
- Minor
- Academic Rules
- Comprehensive Major
- Certificate
- Other
- Option
- Certification

Title of Program Affected:

Computer Science/Computer Science-BS

Current Catalog Description: (Either cut and paste present description from online catalog **OR** provide as an attachment below)

12

B. Major Requirements

1. CSC 130(3), 131(4), 232(4), 335(3), 338(2), 344(3), 365(3), 388(2), 450(3), 482(1)
2. Select nine additional hours from CSC 300; CSC 399; MTH 421 or CSC 421; or CSC courses numbered 500 or higher with at least six hours from courses other than CSC 399 and CSC 596
3. Related mathematics requirement: MTH 215(3) or MTH 261(5)*
4. Related science requirements: select at least four hours from the following: BIO 121(4)*; BMS 110(3)* and 111(1)*; CHM 116(4) and CHM 117(1); CHM 160(4) and CHM 161(1); GLG 110(4); GRY 135(4); GRY 142(4) Other science and mathematics courses may be acceptable with department approval.
5. Public Affairs Capstone Experience will be fulfilled by completion of CSC 335(3), 365(3), and 482(1)
6. Select one of the following options: a. Computer Science 1. CSC 325(3), 333(2)
2. Additional related mathematics requirements: 11-13 hours from MTH 215(3), 261(5)*, 280(5), 345(3), 540(3). Note: These required mathematics courses automatically satisfy the requirements for a minor in Mathematics.
3. PHY 203(5)
4. Select five additional hours of science or mathematics from the following: BIO 121(4)*; BMS 110(3)* and 111(1)*; CHM 116(4) and CHM 117(1); CHM 160(4) and CHM 161(1); GLG 110(4); GRY 135(4); GRY 142(4); PHY 204(5); and MTH courses numbered 400 or higher. Other science and mathematics courses may be acceptable with department approval.

Not Attached

Complete New Catalog Description: (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any content that is copied and pasted will lose existing formatting; please review prior to submission] **OR** provide as an attachment below)

← → **B I S**

B. Major Requirements

2. Select nine additional hours from ~~CSC 300; CSC 399; MTH 421 or CSC 421; or CSC courses numbered 500 or higher with at least six hours from courses other than CSC 399 and CSC 596~~ **CSC courses numbered 300 or higher, except CSC 301 and CSC 303, with no more than three hours in CSC 399 and no more than three hours in CSC 596.**
3. ~~Related mathematics requirement: MTH 215(3) or MTH 261(5)*~~
5. Select one of the following options:
 - a. Computer Science
2. ~~Additional related Mathematics requirements: 11-13 hours from MTH 215(3)~~ **or MTH 315(3);** MTH 261(5); MTH 280(5); MTH 345(3) **or** MTH 540(3). Note: These required mathematics courses automatically satisfy the requirements for a minor in Mathematics.
4. Select five additional hours of science or mathematics from the following: BIO 121(4)*; BMS 110(3)* and **BMS 111(1)*;** CHM 116(4) and CHM 117(1); CHM 160(4) and CHM 161(1); GLG 110(4); GRY 135(4); GRY 142(4); PHY 204(5); and MTH courses numbered 400 ~~302~~ **or higher that count toward the mathematics major.** Other science and mathematics courses may be acceptable with department approval.

Not Attached

Total Hours: 72

What is changing? Check all boxes that apply:

- Title change
- From option to program (major)
- Other
- Course changes of under 18 hours
- From program (major) to option
- Course changes of 18 hours or more

Reason for Proposed Change:

To clarify the regulations and correct inconsistencies between the intent and the implementation in the Degree Audit

What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)

09/08/2017

12

Current Status:

College Council Review

Proposal Progress:

09/29/2017 - Submitted by Department Head (Jorge Rebaza-Vasquez)

Review Comments:

No comments have been added to this proposal.



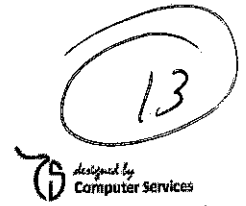
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Missouri State.

Curricular Action Workflow



Missouri State > Computer Services - MIS > Curricular Action Workflow > CAW - Change Program Proposal Form

Change Program Proposal Form

Submitted on 09/29/2017 by Robin Powell (Robinpowell@missouristate.edu).

Department:

Computer Science

Type of Program

Choose One:

- Major (Non-Comprehensive/Graduate Program)
- Minor
- Academic Rules
- Comprehensive Major
- Certificate
- Other
- Option
- Certification

Title of Program Affected:

Computer Science/Software Development-BS

Current Catalog Description: (Either cut and paste present description from online catalog **OR** provide as an attachment below)

13

Bachelor of Science
 A. General Education Program and Requirements
 B. Major Requirements
 1. CSC 130(3), 131(4), 232(4), 335(3), 338(2), 344(3), 365(3), 388(2), 450(3), 482(1)
 2. Select nine additional hours from CSC 300; CSC 399; MTH 421 or CSC 421; or CSC courses numbered 500 or higher with at least six hours from courses other than CSC 399 and CSC 596
 3. Related mathematics requirement: MTH 215(3) or MTH 261(5)*
 4. Related science requirements: select at least four hours from the following: BIO 121(4)*; BMS 110(3)* and 111(1)*; CHM 116(4) and CHM 117(1); CHM 160(4) and CHM 161(1); GLG 110(4), GRY 135(4), GRY 142(4) Other science and mathematics courses may be acceptable with department approval.
 5. Public Affairs Capstone Experience will be fulfilled by completion of CSC 335(3), 385(3), and 482(1).
 6. Select one of the following options:
 Software Development
 1. CSC 455(3)
 2. Select three additional hours from eligible CSC courses numbered 500 or higher excluding CSC 596.
 3. ECO 165(3); PSY 121(3); ENG 321(3). Each of these courses may also count toward General Education requirements.
 4. Select three additional hours in science courses from the following: BIO 121(4)*; BMS 110(3)* and 111(1)*; CHM 116(4) and CHM 117(1); CHM 160(4) and CHM 161(1); GLG 110(4), GRY 135(4), GRY 142(4), PHY 203(5); and MTH courses numbered 400 or higher. Other science or mathematics courses may be acceptable with department approval.
 5. Select one of the following: MKT 350(3), MGT 340(3), COM 315(3), PSY 305(3), PSY 481(3). Other courses may be acceptable with department approval.

Not Attached

Complete New Catalog Description: (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any content that is copied and pasted will lose existing formatting; please review prior to submission] OR provide as an attachment below)

← → B I S

B. Major Requirements

2. Select nine additional hours from ~~CSC 300; CSC 399; MTH 421 or CSC 421; or CSC courses numbered 500 or higher with at least six hours from courses other than CSC 399 and CSC 596~~ **CSC courses numbered 300 or higher, except CSC 301 and CSC 303, with no more than three hours in CSC 399 and no more than three hours in CSC 596.**

3. ~~Related mathematics requirement: MTH 215(3) or MTH 261(5)*~~

5. Select one of the following options:
 b. Software Development

4. Select three additional hours in science courses from the following: BIO 121(4)*; BMS 110(3)* and **BMS 111(1)***; CHM 116(4) and CHM 117(1); CHM 160(4) and CHM 161(1); GLG 110(4), GRY 135(4), GRY 142(4), PHY 203(5); and MTH courses numbered 400 ~~302~~ or higher **that count toward the mathematics major.** Other science and mathematics courses may be acceptable with department approval.

6. **Mathematics requirement: MTH 215(3) or MTH 261(5) or MTH 315(3)**

Not Attached

Total Hours: 65

What is changing? Check all boxes that apply:

- Title change
- From option to program (major)
- Other
- Course changes of under 18 hours
- From program (major) to option
- Course changes of 18 hours or more

Reason for Proposed Change:

To clarify the regulations and correct inconsistencies between the intent and the implementation in the Degree Audit.

What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)

09/08/2017

Current Status:

College Council Review

Proposal Progress:

09/29/2017 - Submitted by Department Head (Jorge Rebaza-Vasquez)

Review Comments:

No comments have been added to this proposal.



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