

CAMPUS MEMORANDUM

College of Natural and Applied Sciences

Temple Hall 142, Ext. 6-5249

April 12, 2017

TO: Members of the [CNAS College Council](#)
College of Natural and Applied Sciences

FROM: Mark Richter, CNAS Chair

SUBJECT: Minutes of the Apr-17 CNAS College Council Meeting

The meeting began at 3:30 p.m.

ATTENDEES: Gigi Saunders/Biology; Mark Richter-Chair/CHM; Jamil Saquer/CSC; Melanie Grand/HL; Mark Rogers/MTH; Emmett Redd/PAMS

GUESTS: Jorge Rebaza/CNAS; Toby Dogwiler/GGP; Kevin Mickus/GGP; Matt Siebert/CHM; Alan Schick/CHM; Erich Steinle/CNAS

ABSENT: Jun Luo/GGP

ADM ASST: David Szepatowski/CNAS

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Call to Order: Mark Richter (quorum reached)

Approval of Minutes: 3:32 PM – Approved with no changes.

Vote for new Chair: Three current College Council members are continuing as members in FA17: Gigi Saunders/BIO; Mark Rogers/MTH; Emmett Redd/PAMS

- ✓ Quorum voted unanimously for Gigi Saunders/BIO to become Chair, CNAS College Council beginning in the fall of 2017 for a one-year term.

Curricular Proposals - All motions passed with exceptions in *red*.

MATHEMATICS

Change Course:

MTH181 Trigonometry

<https://mis.missouristate.edu/Student/ccr/edit/5174>

AND

MTH261 Analytic Geometry and Calculus I

<https://mis.missouristate.edu/Student/ccr/edit/5173>

AND

MTH287 Computational Calculus with Analytic Geometry I

<https://mis.missouristate.edu/Student/ccr/edit/5175>

- ✓ Proposals tabled for next College Council in September 2017

INTERDISCIPLINARY (CHM-GGP-PAMS)

New Program:

Foundations of Interdisciplinary Science (minor)

<https://mis.missouristate.edu/Student/ccr/createIDProgramProposal/5165>

- ✓ Works in conjunction with program changes submitted by CHM, GGP and PAMS

- ✓ Puts students on a clear path towards a degree that meets requirements, giving a solid foundation for bachelor's degree
- ✓ Does not include courses in teacher education for certification to teach in Missouri

CHEMISTRY

Change Course:

CHM452 Biochemistry I

<https://mis.missouristate.edu/Student/ccr/edit/2191>

AND

CHM453 Biochemistry Laboratory I

<https://mis.missouristate.edu/Student/ccr/edit/4565>

AND

CHM552 Biochemistry II

<https://mis.missouristate.edu/Student/ccr/edit/4566>

AND

CHM553 Advanced Biochemistry Laboratory

<https://mis.missouristate.edu/Student/ccr/edit/4567>

- ✓ Basically rennumbers courses so they are more sequential and groups lectures/labs

Change Program:

Chemistry-BS-Minor Required (non-comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5188>

- ✓ Coincides with the new interdisciplinary minor
- ✓ Adds a track to provide basic science content competencies for students in post-graduate studies to become a high school science teacher
- ✓ Does not include courses for certification to teach in Missouri

GEOGRAPHY, GEOLOGY AND PLANNING

Change Program:

Geology-BS-Minor Required (non-comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5219>

AND

Geology-BS (comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5222>

AND

Change Course:

GLG314 Historical Geology

<https://mis.missouristate.edu/Student/ccr/edit/5217>

AND

GLG332 Mineralogy

<https://mis.missouristate.edu/Student/ccr/edit/5215>

- ✓ Streamlines programs/courses by reducing the total credits and contact hours in courses required for comp and non-comp degree program requirements
- ✓ Based on feedback from faculty, students and a comparison of programs at peer institutions

PHYSICS, ASTRONOMY AND MATERIALS SCIENCE

Change Program:

Physics/Astronomy and Astrophysics-BS (comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5211>

- ✓ Adds PHY 324 to the Physics Core of Courses

Physics/Engineering and Applied Physics-BS (comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5212>

- ✓ Course changes to under 18 hours prompted by low interest in option from students

Physics/Materials Physics-BS (comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5213>

- ✓ Adds PHY 324 to the Physics Core of Courses

Physics/Graduate Prep Physics-BS (comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5226>

- ✓ Better addresses the needs of students by changing the title and dropping under 18 hours

New Program:

BS in Physics; Teaching Prep Physics Option

<https://mis.missouristate.edu/Student/ccr/createProgramProposal/5223>

- ✓ Better prepares students wishing to become secondary science teachers with a bachelor's of science degree in physics
- ✓ Highly recommended that students plan program in consultation with advisor
- ✓ Does not include courses for certification to teach in Missouri

BIOLOGY

Change Program:

BIO-BA-Minor Required (non-comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5176>

AND

BIO-BS-Minor Required (non-comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5177>

AND

BIO-BS-Minor Required (comp)

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5179>

- ✓ Department wants students to take a seminar earlier in program of study, so change replaces BIO 494 with 302

Wildlife Biology-BS

<https://mis.missouristate.edu/Student/ccr/changeProgramProposal/5204>

- ✓ When BIO 494 is replaced by 302, all options in this program are affected
- ✓ Wildlife Biology option moves from choice C to choice D
- ✓ Does not include courses for certification to teach in Missouri

New Course:

BIO302 Biology Seminar

<https://mis.missouristate.edu/Student/ccr/create/5227>

- ✓ Provides a preview of future biology elective courses and information regarding career development, undergraduate research, study away opportunities and applying to graduate school

BIO492 Biology Program Assessment

<https://mis.missouristate.edu/Student/ccr/create/5172>

- ✓ The previous BIO 492 seminar class will be replaced by 302
- ✓ The new BIO 492 will allow the biology department to better track students completing the Major Field Test program requirement for all comp and non-comp majors

Unfinished Business: N/A at this time.

New Business: N/A at this time.

*College of Natural & Applied Sciences
College Council Minutes April 2017 (continued)*

Announcements:

CNAS College Council will resume in September 2017.

The meeting adjourned at 4:10 PM.

dsz

cc: Academic Deans and Department Heads
Office of the Provost
Council Chairs
Faculty Senate
Office of the Registrar