College of Science Curriculum Committee

Minutes

May 3, 2018

Hickory 254-H

**Voting**:

☒ Krista Hines ☒ David Hoeinghaus ☒ Sushama Dandekar

☒ Yuri Rostovtsev ☐ Rudi Thompson

**Non-Voting**:

☒ Chelsea Heidbrink ☒ Pamela Padilla ☒ John Quintanilla

**Visiting**:

1. Welcome
2. Notes from UCC / Graduate Council
3. Undergraduate Program

A. Department of Biology (for 2019-20 catalog)

 i. **BIOL – 4085 – FISH DIVERSITY AND ECOLOGY (APPROVED)**

[**https://unt.curriculog.com/proposal:4785/form**](https://unt.curriculog.com/proposal%3A4785/form)

 **Proposal: 2019-20 New Course**

Justification: Lecture and lab course primarily to provide "-ology" options to students in the Ecology BS degree.  Previously taught as "Topics in Biology".

ii. **BIOCHEMISRY, BA (APPROVED)**

[**https://unt.curriculog.com/proposal:4820/form**](https://unt.curriculog.com/proposal%3A4820/form)

 **Proposal: 2019-20 Change in Program**

*Justification: Implementation of 2.5 GPA with C or better requirement in "Foundation Courses" prior to registering for 3000 and 4000 level courses. Completion with grade of C or better required for all 3000 and 4000 level courses in the major.  Reduction of advanced hours from 42 to 36 to align with COS requirements. Streamline and clarify presentation of requirements and remove redundancies.*

iii.**BIOCHEMISTRY, BSBC (APPROVED)**

[**https://unt.curriculog.com/proposal:4834/form**](https://unt.curriculog.com/proposal%3A4834/form)

 **Proposal: 2019-20 Change in Program**

*Justification: Implementation of 2.5 GPA with C or better requirement in "Foundation Courses" prior to registering for 3000 and 4000 level courses in the major. Completion with grade of C or better required for all 3000 and 4000 level courses in the major.  Reduction of advanced hours from 42 to 36 to align with COS requirements. Streamlined presentation and eliminated redundancies.*

iv. **BIOLOGY, BA (APPROVED)**

[**https://unt.curriculog.com/proposal:4789/form**](https://unt.curriculog.com/proposal%3A4789/form)

 **Proposal: 2019-20 Change in Program**

*Justification: Implementation of 2.5 GPA with C or better requirement in "Foundation Courses" prior to registering for 3000 and 4000 level courses. Completion with grade of C or better required for all 3000 and 4000 level courses in the major.  Reduction of advanced hours from 42 to 36 to align with COS requirements.*

 *v.* **BIOLOGY, BSBIO (APPROVED)**

[**https://unt.curriculog.com/proposal:4806/form**](https://unt.curriculog.com/proposal%3A4806/form)

**Proposal: 2019-20 Change in Program**

*Justification: Implementation of 2.5 GPA with C or better requirement in "Foundation Courses" prior to registering for 3000 and 4000 level courses in the major. Completion with grade of C or better required for all 3000 and 4000 level courses in the major.  Reduction of advanced hours from 42 to 36 to align with COS requirements. Removal of language requirements to align with COS requirements.  Revisions to streamline the program requirements in the catalog and eliminate redundancies with COS requirements.*

 vi. **ECOLOGY FOR ENVIRONMENTAL SCIENCE, BS (APPROVED)**

[**https://unt.curriculog.com/proposal:4839/form**](https://unt.curriculog.com/proposal%3A4839/form)

 **Proposal: 2019-20 Change in Program**

*Justification: Implementation of 2.5 GPA with C or better requirement in "Foundation Courses" prior to registering for 3000 and 4000 level courses. Completion with grade of C or better required for all 3000 and 4000 level courses in the major.  Reduction of advanced hours from 42 to 36 to align with COS requirements.  Presentation streamlined and redundancies removed.*

 vii. **MEDICAL LABORATORY SCIENCE, BSMLS (APPROVED)**

[**https://unt.curriculog.com/proposal:4840/form**](https://unt.curriculog.com/proposal%3A4840/form)

 **Proposal: 2019-20 Change in Program**

  *Justification: Implementation of 2.5 GPA with C or better requirement in "Foundation Courses" prior to registering for 3000 and 4000 level courses.  Added Human Anatomy and Physiology sequence as an option because some states require that coursework for licensing.  Added BCIS 2610 in other course requirements to help prepare students for clinicals (year 4).  Reduction of advanced hours from 42 to 36 to align with COS requirements. Streamlined presentation and removed redundancies.*

B. Department of Chemistry

i. **CHEM – 1410 – GENERAL CHEMISTRY FOR SCIENCE MAJORS (APPROVED)**

[**https://unt.curriculog.com/proposal:4800/form**](https://unt.curriculog.com/proposal%3A4800/form)

 **Proposal: Change in Existing Course (Core Curriculum)**

*Justification: Chemistry instructors found that students who made a "D" or less in the required Math pre-req were not prepared for success in CHEM 1410, and had difficulty passing the course. Updating* the grade requirement to a higher level will allow more students to enter CHEM 1410 ready for success.

ii. **CHEM – 1412 – GENERAL CHEMISTRY FOR THE HONORS COLLEGE (APPROVED)**

[**https://unt.curriculog.com/proposal:4801/form**](https://unt.curriculog.com/proposal%3A4801/form)

 **Proposal: Change in Existing Course (Core Curriculum)**

*Justification: Chemistry instructors found that students who made a "D" or less in the required Math pre-req were not prepared for success in CHEM 1412, and had difficulty passing the course. Updating the grade requirement to a higher level will allow more students to enter CHEM 1412 ready for success.*

 iii. **CHEM – 1413 – HONORS GENERAL CHEMISTRY (APPROVED)**

[**https://unt.curriculog.com/proposal:4802/form**](https://unt.curriculog.com/proposal%3A4802/form)

 **Proposal: Change in Existing Course (Core Curriculum)**

*Justification: Chemistry instructors found that students who made a "D" or less in the required Math pre-req were not prepared for success in CHEM 1413, and had difficulty passing the course. Updating the grade requirement to a higher level will allow more students to enter CHEM 1413 ready for success.*

 iv. **CHEM – 1415 – GENERAL CHEMISTRY FOR ENGINEERING MAJORS**

 **(APPROVED)**

[**https://unt.curriculog.com/proposal:4803/form**](https://unt.curriculog.com/proposal%3A4803/form)

 **Proposal: Change in Existing Course (Core Curriculum)**

*Justification: Chemistry instructors found that students who made a "D" or less in the required Math pre-req were not prepared for success in CHEM 1415, and had difficulty passing the course. Updating the grade requirement to a higher level will allow more students to enter CHEM 1415 ready for success.*

 v. **CHEM – 1440 – LABORATORY SEQUENCE FOR GENERAL CHEMISTRY**

 **(APPROVED)**

[**https://unt.curriculog.com/proposal:4819/form**](https://unt.curriculog.com/proposal%3A4819/form)

 **Proposal: Change in Existing Course (Core Curriculum)**

*Justification: Chemistry instructors found that students who made a "D" or less in the required pre-req were not prepared for success in CHEM 1430, and had difficulty passing the course. Updating the grade requirement to a higher level will allow more students to enter CHEM 1440 ready for success.*

C. Department of Mathematics

 i. **MATH 4600 – FINANCIAL MATHEMATICS (APPROVED)**

[**https://unt.curriculog.com/proposal:4813/form**](https://unt.curriculog.com/proposal%3A4813/form)

 **Proposal: 2019-20 Change in Existing Course (NOT Core Curriculum)**

*Justification: This course is offered every other year. Making it a junior level course will help interested students plan ahead and reduce the chance of missing it. We propose to change the course number from 4600 to 3860.*

IV. Graduate Program

 A. Department of Biology

 i. **BIOL – 5085 – FISH DIVERSITY AND ECOLOGY (APPROVED)**

[**https://unt.curriculog.com/proposal:4786/form**](https://unt.curriculog.com/proposal%3A4786/form)

**Proposal: 2019-20 New Course**

 *Justification:* Lecture and lab course that provides formal training relevant for graduate students conducting research in aquatic systems or using fishes as models for vertebrate physiology and evolution.

V. Approve of Minutes

VI. Announcements