

**University Curriculum Committee
October 29, 2020 Meeting Minutes**

The University Curriculum Committee met on **Thursday, October 29** at 3:00 p.m. via Zoom Meeting.

Members Present:

Melinda Anderson	Julie Baker	Jeff Boles	Brittany Copley
Bruce Greene	Julie Galloway	Vicki Dieffenderfer	Mike Gotcher
Rita Barnes	Hayden Mattingly	Sharon Huo	LTC James Bryant
Sharon Holderman	Allen Mackenzie	Barbara Jared	Ben Mohr
Michael Allen	Colin Hill	Janet Whiteaker	Kim Hanna
Jeff Roberts	Stephen Robinson		

	Dale Wilson	Maggie Tweel FOR	Melody Roth, Student
Claire Myers FOR	Rachel Baker, Student	Jessica Oswald FOR	Joseph Slater

Guest(s):

Cari Williams	Mary McCaskey	Simone McKelvey	
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Outline of Proceedings:

- 1.

Proceedings:

Perceiving a quorum, Dr. Jeremy Wendt, Chair of Committi throughout the meeting. Any objections can be called for disc

1.

Approval of agenda

Motion to approve. Lisa Zagumny

Second. Barry Stein

Vote. Motion carried.

2. Approval of minutes, September 24, 2020

Motion to approve. Lisa Zagumny

Second. Barry Stein

Vote. Motion carried.

3. General Education

A. Course Requirements.

- 1) For several months the School of Nursing has attempted to clarify how the American History requirement in the TN Code Annotated Section 49-7-110 affects the curriculum students who seek a second baccalaureate degree at TN Tech in the area of nursing.

In addition to policy 260 Requirements for a Baccalaureate Degree and Graduation, the paragraph would be included as III.J.3.

“If students pursuing a second baccalaureate degree in the area of nursing have not completed 6 semester credit hours in American History acceptable to TN Tech as valid transfer credits or did not successfully complete a course in American History in high school, the students will be required to complete 6 semester credit hours of American History at TN Tech.”

Motion to approve. Lisa Zagumny

Second. Christy Killman

Vote. Motion carried.

4. Political Science

A. Course Changes.

- 1) General POLS 120-hour Curriculum
MATH 1010 or any other gen ed math course Lecture 3. Credit 3.
(Requirement in freshman year; see 120-hour curriculum)

From:

MATH 1010 or any other gen ed math course. Lecture 3. Credit 3.

To:

MATH 1530: Introductory Statistics. Lecture 3. Credit 3.

- 2) POLS-Legal Studies 120-hour Curriculum
MATH 1010 or any other gen ed math course Lecture 3. Credit 3.
(Requirement in freshman year; see 120-hour curriculum)

From:

MATH 1010 or any other gen ed math course Lecture 3. Credit 3.

To:

MATH 1530: Introductory Statistics: Lecture 3. Credit 3.

Motion to approve. Lisa Zagumny

Second. Barry Stein

Vote. Motion carried.

5. Economics, Finance, and Marketing

A. Course Elective Changes.

- 1) Adding MATH1530 (Introductory Statistics) to the General Education requirements for the B.S. degree in Economics.
- 2) Reducing the General Electives requirement from 10 credit hours to 7 credit hours to keep the total number of credit hours required for the degree at 120 credit hours; and
- 3) Removing MATH 1830 as a prerequisite for ECON 3610 and adding MATH 1530 as a prerequisite for ECON 3610

The arguments for this request are the following:

- 1) MATH1530 is also being proposed as a requirement for the B.S.B.A. degree in the College of Business. This change will keep the General Education requirements in the College of Business consistent across different majors.
- 2) The new B.S. degree in Economics has a STEM designation, and it is heavily

2) **From:**
Child Life Program of Study
Remove BIOL 3700: Humanism in Medicine 3 credits from the Spring of the Junior Year
Credits 16

To:
Add HEC 1010 Lifespan Development 3 credits to Fall of Freshman Year
Current total credits, 13 credits to 16 total credits for fall of Freshman Year
Spring of Junior Year is 13 credits.

Motion to approve. Lisa Zagumny

Second. Barry Stein

Vote. Motion carried

7. Agriculture

A. Course Additions.

- 1) **AGBE 4110 Agricultural Futures Marketing and Options**
Lec 3. Credit 3.
Prerequisite: AGBE 2100 and AGBE 3100. Understanding the use of futures market contracts and options to limit risk exposure to producers and agribusiness firms. The study of market price determination, forecasting basis, technical analysis and on actual trading of futures and options through market simulation programs will be addressed.
- 2) **AGBE 4200 (5200) – Agribusiness Statistics**
Lec. 3. Credit 3.
Sampling, probability, distributions, statistical tests, analysis of variance, regression, and interpretation of data as related to agricultural business.
- 3) **AGBE 4300 Entrepreneurship in the Agricultural Business**
Lec. 3 Credit 3.
Prerequisites: Senior Standing and AGBE 2100 and AGBE 3400 and AGBE 3420. Emphasis will be placed on understanding the importance of entrepreneurs in the food, agriculture and rural economies. Planning techniques will be demonstrated that ensure the highest possible rate of

- 1) AGHE 1020 - Connections in Agriculture and Human Ecology
AGHE 3275 - Research in Agriculture and Human Ecology

After trying the AGHE College Core for 2 1/2 years it became apparent that this grouping of courses was not meeting the students' curriculum needs in both HEC and Ag. The School of Human Ecology voted to remove AGHE courses from their curriculum in March 2020 and the School of Agriculture will no longer offer AGHE courses in their curriculum effective Fall 2021.

- 2) **Course Changes.**

- A. **From:**

AGHE 2022 - Professionalism in Agriculture and Human Ecology

To:

AGR 2022 - Professionalism in Agriculture

- B. **From:**

AGHE 2100 - Community Leadership

To:

AGR 2100 - Community Leadership

- C. **From:**

AGHE 3000 -

moved from the junior to sophomore year. A Social/Behavioral Science General Education course and the MATH Elective were moved in the curriculum in order to balance out credit loads in certain semesters.

Curriculum: **Freshman Year, First Semester**

- x CHEM 1110 - General Chemistry I Credit: 4. ¹
- x ENGL 1010 - English Composition I Credit: 3.
- x ENGR 1110 - Engineering Graphics Credit: 2.
- x Humanitie13.1 (I5141{3 (:):27r2n(n)1EMC /LB92.3 (it (r)-0.7 0.00aCeB92.3 (h)2.2 (s)-1.4 (it)-3

- x CEE 3320 - Structural Mechanics Credit: 3.
- x CEE 3413 - Environmental Engineering Credit: 3.
- x CEE 3500 – Introduction to Construction Engineering Credit: 3.
- x CEE 3610 - Transportation Engineering Credit: 3.
- x ME 3720 - Fluid Mechanics Credit: 3.
- ~~x MATH Elective Credit: 3.³~~
- x Approved CEE Lab Elective Credit: 1.⁶

Total: 16

Second Semester

- x CEE 3030 - Civil Engineering Materials Credit: 3.
- x CEE 3420 - Hydraulics Credit: 3.
- ~~x CEE 3710 - Principles of Engineering Economy Credit: 2.~~
- x GEOL 3210 - Geology for Engineers Credit: 3.
- x CEE 4310 - Structural Steel Design Credit: 3.
- x MATH Elective Credit: 3.³

- x CEE 3720 - Engineering Statistics Credit: 2. or
- x MATH 3470 - Introductory Probability and Statistics Credit: 3.

Total: ~~16~~17

Senior Year, First Semester

- x CEE 4320 - Reinforced Concrete Design Credit: 3.
- x CEE 4800 - Geotechnical Engineering Credit: 3.
- x CEE 4920 - Professionalism and Ethics Credit: 1.
- x CEE 4940 - Fundamentals of Civil Engineering Credit: 0.
- x Approved CEE Elective Credit: 3.⁴
- x Approved CEE Sequence Credit: 3.⁵

- x ENGR 1120 - Programming for Engineers Credit: 2. or
- x ECE 2850 – Principles of Electric Circuit Credit: 3. or
- x ME 3210 - Thermodynamics I Credit: 3. or
- x CHE 3010 - Thermodynamics of Chemical Processes Credit: 3.

Total: ~~16~~15

Second Semester

- x CEE 4950 - Senior Design Project Credit: 3.
- x Approved CEE Lab Elective Credit: 1.⁶
- x Approved CEE Elective Credit: 6.⁴
- x Approved CEE Sequence Credit: 3⁵

Total: 13

Motion to approve. Lisa Zagumny

Second. Barry Stein

Vote. Motion carried

B. Addition of New Concentration.

1) Addition of Concentration in Environmental Engineering

Summary of Curriculum Changes

- x One of Approved CEE Lab Electives now requires CEE 3430 – Environmental Engineering Lab
- x Pulled CHE 3010/ME 3210 (3cr) out of Technical Elective to replace MATH Elective (3cr)
- x Added five (5) Environmental Engineering Electives (15cr)
- x Replacing two (2) CEE Sequences (6cr)
- x Replacing two (2) CEE Electives (6cr)
- x Reducing structural engineering required courses from CEE 4310 “and” CEE 4320 to CEE 4310 “or” CEE 4320 (3cr)
- x All courses outside CEE are available to take without the need for additional coursework (i.e., prerequisites)

- x CEE 4920 - Professionalism and Ethics Credit: 1.
- x CEE 4940 - Fundamentals of Civil Engineering Credit: 0.
- ~~x Approved CEE Elective Credit: 3.⁴~~
- ~~x Approved CEE Sequence Credit: 3.⁵~~
- x Environmental Engineering Elective Credit: 9³

- x ENGR 1120 - Programming for Engineers Credit: 2. or
- ~~x ECE 2850 – Principles of Electric Circuit Credit: 3. or~~
- ~~x ME 3210 – Thermodynamics I Credit: 3. or~~
- ~~x CHE 3010 – Thermodynamics of Chemical Processes Credit: 3.~~

Total: 15

Second Semester

- x CEE 4950 - Senior Design Project Credit: 3.
- x Approved CEE Lab Elective Credit: 1.⁶⁴
- x Approved CEE Elective Credit: ~~6~~3.⁴⁵
- x Environmental Engineering Elective Credit: 6³
- ~~x Approved CEE Sequence Credit: 3.⁵~~

Total: 13

Note:

From:

⁴ ~~CHEM 1110 and PHYS 2110 are required. Students select either CHEM 1120 or PHYS 2120. Students who intend to pursue the environmental a 11.04 1C.3 ()10.6 (a)-3.p6 (a)-3.2 (n)-0.8f()10.6 etuenpmaur w wo ir toa7k(e)-6 ()10.6 (EM~~

~~6 Select 1 of the following 3 CEE lab courses: CEE 3040, CEE 3120, CEE 3430. Students who select or plan to select the structural mechanics or structures option should take CEE 3120; environmental students should take CEE 3430.~~

To:

- 1 CHEM 1110 and PHYS 2110 are required. Students select either CHEM 1120 or PHYS 2120. Students who intend to pursue the environmental area of emphasis should take CHEM 1120.
- 2 This course not included in 128-hour curriculum.
- 3 Environmental Engineering Electives: Any course numbered CEE 4400 through 4499, ESS 3000, GEOG 4510, GEOG 4511, GEOG 4620, GEOG 4650, GEOL 4711; At least 3 of 5 courses must be CEE courses.
- 4 Approved CEE Lab Elective: CEE 3040 or CEE 3120; CEE 3040 preferred
- 5 Approved CEE Elective: CEE 3100, any 4000-level CEE course

Motion to approve. Lisa Zagumny
Second. Barry Stein
Vote. Motion carried

9. Music

A. Revision of Current Courses.

- 1) The School of Music would like to change existing large ensemble courses to include a 2-credit option. This includes the following courses:
 - MUS 1025 – Wind Ensemble
 - MUS 1026 – Varsity Pep Band
 - MUS 1033 – Marching Band
 - MUS 1040 – Symphony Band
 - MUS 1045 – Concert Band
 - MUS 1060 – Chorale
 - MUS 1065 – Mastersingers
 - MUS 1070 – Concert Choir
 - MUS 1080 – Bryan Symphony Orchestra
 - MUS 1085 – University Orchestra
 - MUS 1090 – Jazz Ensemble
 - MUS 1091 – Jazz Lab Band

These added sections will serve a multitude of purposes. First, many of the large ensemble instructors offer additional sessions on leadership and pedagogy. This 2

Students who enroll in the 2-credit section will have the opportunity to offset this added degree credit by enrolling in the 0-credit option in a future semester. There are no pre-requisites for these courses but many require auditions.

B.

1)

C. List the titles in the following order: agriculture communication, digital and multimedia production, environmental communication, event planning, literature, sports multimedia communication and writing--fiction and non-fiction

4) Additions to the Option Area Course lists:

Agriculture Communication:

AGHE 4600 Global Food Systems: Sustainability and Insecurity

Digital and Multimedia Production:

A minor in Religious Studies will consist of:

- x HIST 2310 (Early World History) Credit: 3
- x RELS 2010 (Introduction to Religious Studies) Credit: 3

At least six credits from the list below:

- x ENGL 3600 (The Bible as Literature) Credit: 3
- x HIST 4330-4339 (Religious Studies) Credit: 3
- x HIST 4520/5520 (Medieval Europe) Credit: 3
- x HIST 4530/5530 (Renaissance and Reformation) Credit: 3
- x HIST 4680/5680 (The Holocaust) Credit 3
- x HIST 4730/5730

- x ENGL 3600 (The Bible as Literature) Credit: 3
- x HIST 4330-4339 (Religious Studies) Credit: 3
- x HIST 4520 (Medieval Europe) Credit: 3
- x HIST 4530 (Renaissance and Reformation) Credit: 3
- x HIST 4680 (The Holocaust) Credit 3
- x HIST 4730 (Modern Middle East) Credit: 3
- x PHIL 3010 (Philosophy of Religion) Credit: 3
- x PHIL 4020 (Comparative Religion) Credit: 3
- x RELS 3300 (Martin Luther King Jr.: Rhetoric & Theology of Non-Violent Social Change) Credit: 3
- x RELS 3410 (Religion and Comics and Graphic Novels) Credit: 3
- x RELS 3420 (Religious Diversity in the Workplace) Credit: 3
- x RELS 3600 (Religious Perspectives: Aging and End of Life) Credit: 3
- x RELS 4041-