

**University Curriculum Committee
November 2, 2023 Meeting Minutes**

The University Curriculum Committee met on **Thursday, November 2 at 3:00 p.m. via Zoom Meeting.**

Members Present:

Melinda Anderson	Julie Baker	Darron Smith	Kent Dollar
Matthew Smith	James Baier	Jeff Roberts	Stephen Robinson
Rita Barnes	Jeannette Luna	Curtis Armstrong	Barbara Jared
Sharon Holderman	Brandi Fletcher	Jeremy Wendt (Chair)	Ben Mohr
Jeff Boles	Sharon Huo	Scott Christen	Colin Hill
Chris Wilson	Indranil Bhattacharya	Kim Winkle	Alan Mills
Steve Frye	Steven Hayslette	Brittany Copley	Gerald Gannod
Julie Galloway	Michael Allen	Lisa Zagumny	Chance Hale, Student
Kashaina Nucum, Student			

Members Absent:

Robby Sanders	Fred Vondra	Martin Sheehan	Christy Killman
Mike Gocher	Maj. Benjamin Sweeney	Sean Alley	Karen Lykins
Hayden Mattingly	Thomas Payne	Linda Null	Richard Rand
Mohan Rao	Lori Maxwell	Kumar Yelamarthi	Jennifer Shank
Michael Hoane	Kim Hanna	Dennis Tennant	Braxton Westbrook, Student
Frankie Wolford, Student			
Mary Cottrell, Student			

Official Representative(s):

Guest(s):

Mary McCaskey	Cecil Carlton	Tymothy Brandel	

Outline of Proceedings:

1.	UCC	Approval of Agenda	
2.	UCC	Approval of September 21, 2023 Minutes	
3.	CI	Curriculum/Catalog Changes	
4.	COMM	Curriculum Changes/Option Changes/Course Additions	
5A.	HEC	Deletion of Concentration*	
5B.	HEC	Deletion of Minors*	
5C.	HEC	Curriculum Changes	
6	GE	Addition of Course to General Education	
7A.	SOC/POL	Course Changes	
7B.	SOC/POL	Addition of Existing Course to General Ed	

8A.	ES	Addition of New Course/Course Changes	
8B.	ES	Concentration Name Change*	
9A.	MATH	Addition of New Concentration*	
9B.	MATH	Addition of New Course	
10A.	HIST	Course Program Changes	
10B.	HIST	Addition of New Courses	
11.	IDS	Addition of New Course	
12.	MUS	Addition of New Option/Addition of New Course	
13A.	DSM	Course Changes	
13B.	DSM	Course Changes/Program Changes	
13C.	DSM	Course and Curriculum Changes	
14.	CS	Catalog Changes	
15.	GBE	Prerequisite Changes	
16A.	MET	Prerequisite Changes	
16B.	MET	Addition of New Concentration*	
17.	OSM	Other Such Matters- Status of AIP Textbook Ordering (Sharon Huo) Coursedog Curriculum Management (Sharon Huo)	

Proceedings:

Perceiving a quorum, Dr. Jeremy Wendt, Chair of Committee, called the meeting to order at 3:06pm via Zoom.

1. Approval of agenda

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

2. Approval of minutes, September 21, 2023

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

3. Curriculum and Instruction

A. Curriculum/Catalog Changes.

1. Computer Science Education (CSED) Minor

From:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of CSED plus 6 hours SPED).

(*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

To:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of CSED plus 6 hours SPED).

(*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor. Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.

Add: additional Note section for clarification of which classes can be taken for a minor.

2. Early Childhood Education (ECED or ECSP) Minor

From:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of CSED plus 6 hours SPED).

(*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

To:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of ~~CSED~~ ECED or ECSP plus 6 hours SPED).

(*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor. Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.

Change: update example section

Add: additional Note section for clarification of which classes can be taken for a minor.

3. Education Minor

From:

Any combination of 15 semester hours chosen from Art Education (ARED), Computer Science Education (CSED), Curriculum Education (CUED), Early Childhood Education (ECED), Early Childhood Special Education (ECSP), Educational Psychology (PSY 2210), Elementary Education (ELED), English as a Second Language Pedagogy (ESLP), English as a Second or Other Language (ESOL), Foundations of Education (FOED), Music Education (MUED), Reading (READ), Secondary Education (SEED), Service Learning (SVCL-limit 3 credit hours), and Special Education (SPED).

To:

Any combination of 15 semester hours chosen from Art Education (ARED), Computer Science Education (CSED), Curriculum Education (CUED), Early Childhood Education (ECED), Early Childhood Special

Education (ECSP), Educational Psychology (PSY 2210), Elementary Education (ELED), English as a Second Language Pedagogy (ESLP), English as a Second or Other Language (ESOL), Foundations of Education (FOED), Music Education (MUED), Reading (READ), Secondary Education (SEED), Service Learning (SVCL-limit 3 credit hours), and Special Education (SPED). **Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor. Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.**

Add: additional Note section for clarification of which classes can be taken for a minor.

4. Elementary Education (ELED) Minor

From:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of CSED plus 6 hours SPED). (*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

To:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of ~~CSED~~ ELED plus 6 hours SPED). (*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor. Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.

Change: update example section

Add: additional Note section for clarification of which classes can be taken for a minor.

5. English as a Second Language (ESLP) Minor

From:

Students may earn a minor outside their major by taking a total of 15 credit hours in the following: minimum 9 credit hours in ESLP or ESOL, minimum 3 credit hours in CUED, minimum 3 credit hours in FOED.

To:

Students may earn a minor outside their major by taking a total of 15 credit hours in the following: minimum 9 credit hours in ESLP or ESOL, minimum 3 credit hours in CUED, minimum 3 credit hours in FOED. **Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor. Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.**

Add: additional Note section for clarification of which classes can be taken for a minor.

6. Foundations of Education (FOED) Minor

From:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of CSED plus 6 hours SPED). (*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

To:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of ~~CSED~~ FOED plus 6 hours SPED). (*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor. Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.

Change: update example section

Add: additional Note section for clarification of which classes can be taken for a minor.

7. Middle Grades Minor

From:

Students may earn a minor outside their major by taking a total of 15 credit hours in the following: minimum 3 credit hours in CUED, minimum 3 credit hours in SEED, minimum 3 credit hours in READ, 6 credit hours in any of the following: SPED, PSY 2210, FOED, ESLP or ESOL.

To:

Students may earn a minor outside their major by taking a total of 15 credit hours in the following: minimum 3 credit hours in CUED, minimum 3 credit hours in SEED, minimum 3 credit hours in READ, 6 credit hours in any of the following: SPED, PSY 2210, FOED, ESLP or ESOL. **Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor. Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.**

Add: additional Note section for clarification of which classes can be taken for a minor.

8. Reading (READ) Minor

From:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of CSED plus 6 hours SPED). (*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

To:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of **CSED READ** plus 6 hours SPED). (*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor. Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.

Change: update example section

Add: additional Note section for clarification of which classes can be taken for a minor.

9. Secondary Education (SEED) Minor

From:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of CSED plus 6 hours SPED).

(*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

To:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of ~~CSED~~ SEED plus 6 hours SPED).

(*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor.

Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.

Change: update example section

Add: additional Note section for clarification of which classes can be taken for a minor.

10. Special Education (SPED) Minor

From:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of CSED plus 6 hours SPED).

(*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

To:

Students may earn a minor in any program outside of their major by taking 9 credit hours in a single area plus 6 credit hours in any other education prefixes* for a total of 15 credit hours. (e.g. 9 hours of ~~CSED~~ SPED plus 6 hours SPED).

(*CSED, CUED, ECED, ECSP, ELED, ESLP, ESOL, FOED, PSY, READ, SEED, SPED).

Note: Courses that require admission to Teacher Education or that have co-requisite courses with admission restrictions cannot be taken as part of a minor.

Please work with your advisor or the College of Education to identify an appropriate pathway to your minor.

Change: update example section

Add: additional Note section for clarification of which classes can be taken for a minor.

Justification: Clarifying which courses can be taken for minors.

Effective Date: Fall 2024

Financial Impact: None

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

4. Communication

A. Course and Curriculum changes

1. Concentration program of study changes:

For News Editorial Option:

Delete (1) Sociology elective, Cr. 3.

Add JOUR 3420 Podcasting or JOUR 3480 Social Media Management, Cr. 3.

For Public Relations Option:

Delete PSY 3410 Group Dynamics, Cr. 3.

Add JOUR 3420 Podcasting or JOUR 3480 Social Media Management, Cr. 3.

Justification: New courses have been added to our curriculum and need to be added to the program of study.

For Public Relations option ONLY:

Delete JOUR4820 Advanced Reporting, Cr. 3.

Add (1) Psychology/Sociology Elective, Cr. 3.

Justification: To align the curriculum more directly with student interests and career goals.

Effective: Summer 2024

Cost: NONE

2. Options Electives course additions

Add JOUR 3420 Podcasting to Ag Comm, Digital/MM, Environmental Comm, and Sports MM.

Add JOUR 3480 Social Media Management to Ag Comm, Digital/MM, Environmental Comm, Event Planning, Sports MM, and Visual Comm

Justification: These new courses have been added to our curriculum and need to be added to the Options Electives.

Effective: Summer 2024

Cost: NONE

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

3. Course title and description change:

FROM:

JOUR 3470 Public Relations Writing and Publications, Lec. 3. Credit 3.
Prerequisite: JOUR 2200, JOUR 2220 and JOUR 3460. Public relations writing and publications. This course will examine how public relations practitioners effectively tailor messages to reach specific audiences with intended messages using various media.

TO:

JOUR 3470 Public Relations Writing and **Production**, Lec. 3. Credit 3.
Prerequisite: JOUR 2200, JOUR 2220 and JOUR 3460. Public relations writing and production. Examines how public relations practitioners effectively tailor messages to reach specific audiences using various media.

Justification: The new title aligns with PRSSA chapter course requirements.

Effective: Fall 2024

Cost: NONE

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

4. Course Description Changes:

JOUR 4853, 4856, 4859 Internship

FROM:

Prerequisite: JOUR 2200 is a prerequisite for all other journalism courses. Part-time or full-time employment in a business, industrial, or institutional communications setting related to student academic and career goals.

TO:

Prerequisite: JOUR 2200 is a prerequisite for all other journalism courses. Part-time or full-time employment in a business, industrial, or institutional communications setting related to student academic and career goals, **such as news and sports reporting, radio and television broadcasting, podcasting, multimedia production, social media management, event planning, public relations, advertising, marketing, and strategic communication.**

Justification: Updating to clarify the broad opportunities offered in the experience.

Effective: Fall 2024

Cost: NONE

5. Addition of two Options Electives areas

Add Options Elective area in Organizational Communication:

BMGT 3510 Management and Organizational Behavior

COMM 2075 Organizational Communication

COMM 2800 Interviewing

COMM 3000 Computer-Mediated Communication

COMM (JOUR) 3030 Event Planning

COMM 3080 Teamwork

COMM 4420 Advanced Organizational Communication

COMM 4620 Advanced Public Speaking

COMM 4630 (5630) Persuasion

JOUR 3420 Podcasting

JOUR 3480 Social Media Management

JOUR 3500 Multimedia Storytelling

JOUR 4500 (5500) Advanced Multimedia Storytelling

JOUR 4853, 4856, 4859 Internship

Add Options Elective area in Integrated Marketing Communication:

BMGT 3510 Management and Organizational Behavior

COMM 4630 (5630) Persuasion

JOUR 3420 Podcasting
JOUR 3480 Social Media Management
JOUR 3500 Multimedia Storytelling
JOUR 4500 (5500) Advanced Multimedia Storytelling
JOUR 4853, 4856, 4859 Internship
MKT 3400 Principles of Marketing
MKT 3430 Advertising
MKT 4200 Market Analysis
MKT 4530 Consumer Behavior
MKT 4730 Marketing Strategy

Justification: Updating our curriculum to offer students a more career-specific program of study.

Effective: Fall 2024

Cost: None

6. Option Elective Area title change:

From:

Sports Multimedia Production

To:

Sports Broadcasting

Justification: Updating our curriculum to offer students a more career-specific program of study.

Effective: Fall 2024

Cost: NONE

7. Course Addition:

JOUR 2210 Media Production

Lec. 3. Credit 3.

An introductory course that teaches students the basics of media production. Students will learn the principal skills and techniques needed to produce digital content using the media tools of photography, videography, audio production, and print/digital design and production. Topics covered in

the course include podcasting, digital photography, video editing publication design, and online portfolio.

Justification: Updating our curriculum to offer students a more technology focused, hands-on experience.

Effective: Fall 2024

Cost: None

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

5. Human Ecology

A. **Concentration Deletion**

From:

Concentration in Family and Consumer Sciences Education

To:

Delete the Family and Consumer Sciences Education Concentration

Justification:

Due to a declining enrollment (8 students in 2020 to 1 student in 2023) it is necessary to consider the deletion of this concentration. The one student currently enrolled will graduate in May 2024. No other students are coming into the concentration. The job market has changed drastically in recent years such that students with other teaching licenses can teach the Family and Consumer Sciences content on a waiver. Additionally, of the 8 students who were enrolled in 2020 only 1 of them went on to receive the teaching license and is teaching in the classroom. Deleting the FACS Ed concentration allows us to transition the faculty member, Dr. Elizabeth Ramsey to teach 50% for the new Child Life MS degree, and 50% continuing with the undergraduate Human Development and Family Science concentration. Additionally, students who do wish to obtain the Family and Consumer Sciences teaching license may still do so utilizing the College of Education's graduate program which contains a concentration in Family and Consumer Sciences Education.

Deletion will occur pending approval from THEC and TTU Board of Trustees.

Financial Impact: There is no cost associated with this proposed change.

Effective: Fall 2024

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

B. Deletion of Minors

1. Delete Family Science Minor

Justification: The Family Science Minor has proven unsustainable due to the following reasons:

1. Lack of career specialization options for those holding a minor in Family Science,
2. Lack of faculty resources to continue offering the minor, and
3. Financial Aid changes impacting tuition for courses constituting minors.

Financial Impact: None.

Effective: Summer 2024

2. Delete Merchandising & Design Minor

Justification:

The Merchandising & Design Minor has proven unsustainable due to the following reasons:

1. Lack of career specialization options for those holding a minor in Merchandising & Design,
2. Lack of faculty resources to continue offering the minor, and
3. Financial Aid changes impacting tuition for courses constituting minors.

Financial Impact: None.

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

3. Delete Housing & Design Minor

There was extensive discussion on this matter. There are currently 23 students in the minor. Civil Engineering department chair Dr. Ben Mohr indicated a need of the minor for Civil Engineering students.

This item was not approved to be deleted. The item was tabled.

Motion to table. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

C. Curriculum Changes

From:

HEC 4360, HEC 4460, AGHT 3400, ART 1250, HEC 4320, HEC 3360, HEC 4326, CEE 3340, CEE 4340

To:

HEC 4360, HEC 4460, AGHT 3400, ART 1250, HEC 4320, HEC 3360, HEC 4326, CEE 3340, CEE 4340, HEC 4900, HEC 4960, HEC 4990, GEOG 3200, GEOL 1045, GEOG 4510, GEOG 2100, GEOG 1130, MATH 1730, MATH 1910, MATH 1920, MATH 1710, PHYS 2010, PHYS 2109, AGHT 3460, ART 1045, ART 1050, ART 2410, ART 3410, ART 2810, ART 2910, ART 2710, ART 2610, ART 2510, AGET 3600, AGRN 3600, AGRN 2400, ESS 4110, GEOG 3710, GEOL 1070, COMM 3030, JOUR 3030, ART 2060, JOUR 3270

Justification:

When the Design Studies major was initially established, our original vision for the guided electives section was to provide students with a selection of classes tailored to their individual interests. In order to ensure a diverse range of options, we incorporated several courses into this section, serving as placeholders for our students to choose from.

Recognizing the diverse career aspirations and academic goals of our students, I have identified several additional classes that I believe are particularly relevant to their educational needs. These adjustments aim to accommodate the various choices our students may have.

Since the beginning of the new program changes, I have consistently submitted multiple substitution forms for certain courses every semester, a task that has grown increasingly burdensome over time. This process also requires the involvement of upper administration for review, consuming valuable time and resources. These proposed changes are designed to reduce this unnecessary administrative workload and streamline the process, as well as provide more flexibility in our education pathways.

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

6. General Education

A. Course Addition

On 2 October 2023, the General Education Committee met by Zoom to consider the addition of PHIL 2250 Introduction to Ethics (3 hours) to the list of courses that fulfill the Humanities/Fine Arts component of the General Education requirement. Nine of fourteen members joined the Zoom meeting. The vote to approve was unanimous. On 19 October 2023, the College of Arts and Sciences Curriculum Committee also approved the inclusion of PHIL in the list of courses that fulfill the Humanities/Fine Arts General Education requirement. This vote was also unanimous with ten of twelve members present.

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

7. Sociology and Political Science

A. Course Change

FROM: Philosophy 2250. Introduction to Ethics Credit 3

Prerequisite: Completion of two semesters of college work. Appraisal of conduct and moral reasoning by the study of traditional theories of the good life and their bearing upon contemporary moral issues. 3 hrs.

TO: Philosophy 2250. Introduction to Ethics Credit 3

~~*Prerequisite: Completion of two semesters of college work.*~~ Appraisal of conduct and moral reasoning by the study of traditional theories of the good life and their bearing upon contemporary moral issues. 3 hrs.

Justification

The Department of Sociology and Political Science requests that the prerequisite of two semesters of college work for PHIL 2250 be removed from the catalogue because a) there is no practical reason for restricting freshmen from the course and b) the department proposes that PHIL 2250 be added to the General Education Curriculum in the Humanities.

Effective Date: Fall 2024

Cost: None

Motion to approve. Julie Baker

Second. Lisa Zagumny
Vote. Motion carried.

8. Earth Sciences

A. Course Addition and Course Change

1. Course Addition

GEOL 4120 Igneous/Metamorphic Petrology: Lecture 3, Lab 2, Credit 4.

Course Description: Prerequisite: GEOL 1040. Igneous and metamorphic rocks: classification, textures, and identification. Geochemical thermodynamics. Origin of these rocks in different plate tectonic settings.

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

2. Course Changes

FROM

Geosciences, Geology Concentration Core - Required Electives

Complete at least 4 of the following Courses:

~~GEOL3110 - Prin/Minrlogy-Petrlogy~~

GEOL3230 - Structural Geology & Tectonics

GEOL3830 - Field Geology

GEOL4110 - Sedimentation & Stratigraphy

GEOL4210 - Advanced Historical Geology

Geology Concentration Required Courses, any 4 of the following courses (15-16 hours): • ~~GEOL 3110 - Principles of Mineralogy and Petrology Credit: 4.~~ • GEOL 3230 - Structural Geology and Tectonics Credit: 4. • GEOL 3830 - Field Geology Credit: 4. • GEOL 4110 - Sedimentation and Stratigraphy Credit: 4. • GEOL 4210 - Advanced Historical Geology Credit: 3.

TO

Geosciences, Geology Concentration Core - Required Electives

Complete at least 4 of the following Courses:

GEOL3120 - Mineralogy

GEOL3230 - Structural Geology & Tectonics

GEOL3830 - Field Geology

GEOL4110 - Sedimentation & Stratigraphy
GEOL4210 - Advanced Historical Geology

Geology Concentration Required Courses, any 4 of the following courses (15-16 hours): ~~GEOL 3120 Mineralogy Credit 4~~ • Structural Geology and Tectonics Credit: 4. • GEOL 3830 - Field Geology Credit: 4. • GEOL 4110 - Sedimentation and Stratigraphy Credit: 4. • GEOL 4210 - Advanced Historical Geology Credit: 3

From

Geosciences, Geology Concentration Core - Directed Electives
Complete at least 3 of the following Courses:

~~GEOL3120 - Mineralogy~~

GEOL3310 - Planetary Geoscience

GEOL3550 - Paleoclimates

GEOL3900 - Economic Geology

GEOG4150 - Geomorphology

OR GEOL4150 - Geomorphology

GEOL4200 - Geological Exploration Techniques

~~GEOL4610 - Optical Mineral & Petrography~~

GEOG4711 - Hydrogeology

OR GEOL4711 - Hydrogeology

Geology Concentration Directed Electives, any 3 of the following courses (10-12 hours) • ~~GEOL 3120 - Mineralogy Credit: 4.~~ • GEOL 3310 - Planetary Geoscience Credit: 3. • GEOL 3550 - Paleoclimates Credit: 4. • GEOL 3900 - Economic Geology Credit: 3. • GEOG 4150 (5150) - Geomorphology Credit: 4. or • GEOL 4150 (5150) - Geomorphology Credit: 4. • GEOL 4200 - Geological Exploration Techniques Credit: 4. • ~~GEOL 4610 - Optical Mineralogy and Petrography Credit: 4.~~ • GEOG 4711 (5711) - Hydrogeology Credit: 4. or • GEOL 4711 (5711) - Hydrogeology Credit: 4.

TO

Geosciences, Geology Concentration Core - Directed Electives
Complete at least 3 of the following Courses:

GEOL3310 - Planetary Geoscience

~~GEOL3350 - Paleobiology~~

GEOL3550 - Paleoclimates

GEOL3900 - Economic Geology

~~GEOL4120 - Igneous/Metamorphic Petrology~~

GEOG4150 - Geomorphology

OR GEOL4150 - Geomorphology

GEOL4200 - Geological Exploration Techniques

GEOG4711 - Hydrogeology

OR GEOL4711 - Hydrogeology

Geology Concentration Directed Electives, any 3 of the following courses (10-12 hours) •
GEOL 3310 - Planetary Geoscience Credit: 3. • **GEOL 3350 – Paleobiology Credit 3.** •
GEOL 3550 - Paleoclimates Credit: 4. • GEOL 3900 - Economic Geology Credit: 3. • **GEOL
4120 – Igneous/Metamorphic Petrology Credit 4.** • GEOG 4150 (5150) - Geomorphology
Credit: 4. or • GEOL 4150 (5150) - Geomorphology Credit: 4. • GEOL 4200 - Geological
Exploration Techniques Credit: 4. • GEOG 4711 (5711) - Hydrogeology Credit: 4. or •
GEOL 4711 (5711) - Hydrogeology Credit: 4.

JUSTIFICATION:

Addition GEOL 4120 Igneous/Metamorphic Petrology

Igneous and metamorphic rocks are the foundation rocks of major mountain belts and provide clues to the origin and evolution of the Earth's crust. They also contain commercially important metallic-ore deposits. Knowledge of the mechanism of origin of these rocks in different geographic regions is critical to understand the geologic evolution of the Earth and the metallic ore resources they contain. This course will complement the curricula for geoscience majors and contribute to achieving student-learning outcomes in the Department of Earth Sciences pertaining to discipline competency, critical thinking and communication.

Changes to the Required and Directed Elective courses better reflect regular course offerings and importance of these core geoscience courses.

Effective Date: Fall 2024

Financial Impact: None

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

B. GIS concentration name change

The Department of Earth Sciences proposes to change the name of the Geographic Information Systems (GIS) concentration to **Geospatial Data Analysis**.

Justification: The change better describes what students are learning and accomplishing in the concentration. Moreover, the change aligns with industry terminology and job titles.

Effective Date: Fall 2024

Financial Impact: None

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

9. Mathematics

A. **New Concentration**

We propose the creation of a new concentration: Mathematics for Secondary Education in the Mathematics B.S. Degree. Most of the curricula in the new concentration correspond to the ones in pure mathematics; students must complete one sequence from the pure mathematics sequence list and one sequence from the applied mathematics sequence list. The significant change is the requirement of MATH 4650 Algebra for Sec Math Teaching (3 credit hours), MATH 4610/4620 History of Mathematics (3 credit hours), and Minor in Education (15 hours).

Justification: This concentration within the mathematics major prepares a student for the Job-Embedded Pathway to Teacher Licensure by getting a B.S. degree in mathematics, which provides the proof of content knowledge needed for the Job-Embedded Pathway. Included within this concentration is a minor in Education, which will help prepare students for teaching in a classroom and for graduate coursework. If the Job-Embedded Pathway is pursued after graduation with a B.S. in Mathematics, it is possible to obtain an M.A. in Curriculum and Instruction with Licensure in Math 6-12 over the course of three years while teaching. For more information on this Job-Embedded Pathway to Teacher Licensure, see the following:

<https://www.tntech.edu/education/teachered/job-embedded-pathway.php>

Furthermore, the establishment of the secondary education concentration will make it easier for students to take an active role in their career development. The new concentration will connect students directly to stakeholders/employers seeking second education mathematics teachers who have been trained in needed areas.

Financial impact: No additional resources are needed for the creation of new concentrations.

Effective date: Fall 2024.

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

B. Course Addition

The Mathematics Department proposes the addition of a new course.

MATH 4650: Algebra for Sec Math Teaching Lec. 3 Cr. 3

Course Description: This course consists of an in-depth study of algebra topics concentrating on the real number system, relations and functions, and polynomials.

Prerequisite: C or better in Math 3400 or consent of instructor.

Justification: A version of this course has been taught for the past four springs (2019, 2020, 2021, 2022) as a Special Topics course, Math 4950. Students majoring in Secondary Education with a concentration in Mathematics have, in the past, been required to take one of the four math classes: Math 4010 (Modern Algebra I), Math 4050 (Number Theory), Math 4350 (Introductory Combinatorics), or Math 4360 (Graph Theory). By choosing one of these four courses, students receive a limited amount of training in upper level mathematics, and none of these four classes specifically target the knowledge, experience, or training needed by these students who plan to teach mathematics. This was brought to the attention of the math department, and an effort was made to design a 4000-level math course that specifically targets the knowledge and skills needed by such majors. Since Spring 2019, this course has been substituted by the College of Education for the mathematics requirement stated above. If this course is officially added, it is the plan of the College of Education to change the requirement in the curriculum for Secondary Education Mathematics majors.

Attachment: Proposed Syllabus for Math 4650 – Algebra for Sec Math Teaching

Financial Impact: No additional cost is associated with this new course proposal.

Effective Date: Fall 2024

Motion to approve. Julie Baker

Second. Lisa Zagumny
Vote. Motion carried.

10. History

A. Program Change

The History Department seeks to reduce the number of credit hours in Foreign Language required for the B.A. program from 18 hours to 12 and then reassign the six credit hours so that students must take 3 credit hours in history in the category of Race and Ethnicity in the U.S. and 3 credit hours in the category of Women and Gender Studies.

These changes are indicated under the junior year (Year Three) of the revised program sheet attached to this proposal. The courses that fulfill these category requirements are identified in footnotes 4 and 5. Other courses may be substituted on a case-by-case basis. The History Department anticipates that additional courses for each category will be added to the curriculum over the next few years.

Justification: During its most recent program review, the external reviewer noted that the B.A. requirement for 18 hours far exceeded curriculum standards in the region. The reviewer also strongly suggested that the requirement served as a deterrent to students who might otherwise have pursued a B.A. in History at Tennessee Tech. The fact that the 18 hours meant that students in this degree program automatically completed a minor in the foreign language and thus also fulfilled department requirements that history majors must have a minor did not serve as a sufficient counter-argument.

Given declining numbers in enrollment in the B.A. program, the History Department believes that it must pursue this program change. Simultaneously, the Department believes that it should guide students in applying the hours in a targeted way that will support a wide range of career paths. Directing those hours to the study of two areas of national and world affairs seems most useful. An additional consequence of this change is that students will choose their minor for this degree, similar to the students in the department's B.S. program.

The History Department has discussed this change with Foreign Languages.

Effective Date: Spring 2024

Additional Cost: None

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

B. Course Addition

The History Department seeks to add to the curriculum two new courses, HIST 4070/5070 (History of Comic Books) and HIST 4668/5668 (Nazi Germany). Both of these courses have been offered very successfully in the past as Topics courses for at least two semesters each.

1. HIST 4070/5070 History of Comic Books

Catalogue Description: Lec. 3 Credit 3. Considers artistic and historical themes of comic books. Prerequisite: None.

2. HIST 4668/5668 Nazi Germany

Catalogue Description: Lec. 3 Credit 3. Considers developments relating to the Nazi era in German history. Prerequisite: None.

Justification: Having offered both of these courses successfully in the past under our “Topics” category, the History faculty believe that it is appropriate to move them from the Topics category and place them in the catalog as full courses in their own right. As Topics courses, these courses are not named or described in the catalog. Adding these courses to the curriculum would allow the robust nature of the department’s offerings to be more evident to potential students and the public. Additionally, it will be easier for students and the Records Office to identify where these courses may be applied to the B.A. and B.S. programs for credit.

The syllabi are attached.

Estimated Cost: None.

Effective Date: Spring 2024

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

11. Interdisciplinary Studies

A. Course Addition

LIST 3000: Introduction to Interdisciplinary Studies Lec 2, Lab 0, Credit 2

Course Description: This course will provide you with an overview of the what, when, where, why, and how of interdisciplinary studies. You will have the opportunity to gain knowledge on topics of relevance in the field such as: local and global trends (historic and current), the role of research across disciplines, and the role of the interdisciplinary field within the workplace of today and tomorrow. Through participation in course activities, you will have the opportunity to develop your critical, analytical, and creative thinking skills and apply the knowledge gained to your individual academic and career path.

Justification: This course will be an on-boarding course for new students in the Interdisciplinary Studies major. It is a two-credit course to balance the one-credit LIST 4994 - Introduction to Capstone course required of Interdisciplinary Studies majors. The course was offered once as a special topics course.

Pre-requisites: None.

Effective Date: Spring 2024

Financial Impact: No additional resources are needed for this request.

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

12. Music

A. New Degree Option

1. New degree option in Music Theory/Composition under the Bachelor of Science in Music degree.

Justification: The School of Music is proposing a new degree option in Music Theory/Composition under the Bachelor of Science in Music.

Currently, the School of Music offers a degree option in Music Theory/Composition under the Bachelor of Music in Performance degree. Since this degree option falls under the Performance concentration, there are rigorous performance requirements that don't fit the skillset and interests of most theory/composition students. For this reason, the School of Music would like to propose a new degree option under the Bachelor of Science in Music degree. The degree requirements of the BS in Music provide a better framework for the courses that are desired by most theory/composition students.

The School of Music intends to keep both degree options active, allowing theory/composition students to choose the degree option that best fits their interests and skillset.

Deletions: None

Effective: Summer 2024

Financial Impact: None

2. **New Course Addition:** MUS 1010 – Class Composition

Justification: Students pursuing the proposed degree option in Music Theory/Composition under the BS in Music will take MUS 1010 – Class Composition during their first two semesters. This course will teach students the basics of arranging and music composition. Currently, students pursuing the degree option in Theory/Composition under the BM in Performance take private composition lessons during their first two semesters, however, the School of Music faculty believes these skills could be more efficiently taught in a group setting. Additionally, a group setting will enable students to critically evaluate and analyze the compositions of their peers, leading to a deeper understanding of compositional techniques and procedures. Students will begin private composition lessons during their third semester.

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

13. Decision Sciences and Management

A. Restriction changes to DS 3810

1. Introduction to Programming Logic and Analytical Thinking

Add the restriction that this course will only be available to BINT majors, including Business Intelligence and Analytics, and Business Information Technology and Analytics minors.

Justification: This is needed to provide sufficient availability to students in the major.

Financial Impact: None

Effective Date: Spring, 2024

B. Course and curriculum changes in the BINT Business Intelligence and Analytics Concentration

I. Course changes

1. DS 3850 – Business Applications Development I

Remove the pre-requisite of DS 2810

Add the pre-requisite of DS 3810

2. DS 3860 – Business Database Management

Remove the pre-requisite of DS 2810

Add the pre-requisite of DS 3810

3. DS 4220 – Advanced Business Analytics

Add the pre-requisite of DS 3850 and DS 3860

III . Program Changes

1. Add required courses

a. DS 3810 – Introduction to Programming Logic and Analytical Thinking

b. DS 3850 – Business Applications Development I

2. Remove required courses

- a. ECON 3810/3820
- b. ECON 4640

Justification: The newly added courses will more directly prepare students for a career in data analytics.

Financial Impact: None

Effective Date: Summer, 2024

C. Course and curriculum changes in the Business and Information Technology major

I. Course changes

1. DS 3850 – Business Applications Development I

Remove the pre-requisite of DS 2810

Add the pre-requisite of DS 3810

2. DS 3860 – Business Database Management

Remove the pre-requisite of DS 2810

Add the pre-requisite of DS 3810

3. DS 4250 – Business Data Communications

Remove the pre-requisite of DS 2810

Add the pre-requisite of DS 3810

4. DS 3810 - Introduction to Programming Logic and Analytical Thinking

Add that this course will be restricted to BINT majors, including Business Intelligence and Analytics, and Business Information Technology and Analytics minors

II. Program Changes

1. Add required course

DS 3810 – Introduction to Programming Logic and Analytical Thinking

2. Remove required course

Business Electives (3 credit hours)

Justification: The newly added course will provide a stronger foundation for future courses in the major

Financial Impact: None

Effective Date: Summer, 2024

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote: Motion Carried.

14. Computer Science

A. Catalog Changes

Bachelor of Science, Computer Science, B.S.

From

Take any additional 3000- or 4000-level CSC course except CSC 4990.

Prerequisites: Department approval, CSC 3040 and CSC 3300.

Co-requisites: None.

Part-time employment in a professional or institutional situation related to the student's area of concentration in Computer Science. This course may be taken as two 3-hour courses or one 6-hour course. The 6-hour option will be approved in only very limited circumstances.

To

Take any additional 3000- or 4000-level CSC course ~~except CSC 4990.~~

Credit: 3 ~~or 6.~~

Prerequisites: Department approval, CSC 3040 and CSC 3300.

Co-requisites: None.

Part-time employment in a professional or institutional situation related to the student's area of concentration in Computer Science. ~~This course may be taken as two 3-hour courses or one 6-hour course. The 6-hour option will be approved in only very limited circumstances.~~

IMPACT ON FACULTY: None. All Computer Science faculty are all qualified to teach this course.

Effective date: Spring 2024.

JUSTIFICATION:

- CSC 4990 exposes Computer Science students to experiential learning through internships. Currently, CSC 4990 is not allowed to be taken as an upper-division elective in the CS Core and the only way for CS Core students to take it is through exceptions. This discourages CS Core students from taking this course despite its importance. By allowing the proposed changes, CS Core students will be able to take this course as an upper-division elective without the need to file any exceptions. This change will encourage more CS Core students to enroll in CSC 4990 and benefit from this experiential learning opportunity.
- The old catalog description allows up to 6 credit hours of CSC 4990. The new catalog description limits the internship to a maximum of 3 credit hours, which gives the opportunity to the students to benefit from the offered elective technical courses.

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote: Motion Carried.

15. General and Basic Engineering

A. Prerequisite Changes

1. EXISTING COURSE PREREQUISITE CHANGE:

ENGR 1210. Introduction to Engineering. Lec. and Lab 2. Credit 1.

Introduction to engineering and engineering technology, the engineering problem solving method, engineering design, and engineering ethics.

TO:

ENGR 1210. Introduction to Engineering. Lec. and Lab 2. Credit 1.

Prerequisites: A minimum ACT Math score of 19 or equivalent placement exam score or consent of the department. Introduction to engineering and engineering technology, the engineering problem solving method, engineering design, and engineering ethics.

B. EXISTING COURSE PREREQUISITE CHANGE:

ENGR 1110. Engineering Graphics. Lec. and Lab 4. Credit 2.

Visualization skills and graphic communication techniques for engineers, sketching, computer-aided drafting, and solid modeling, drawing interpretation.

To:

ENGR 1110. Engineering Graphics. Lec. and Lab 4. Credit 2.

Prerequisites: A minimum ACT Math score of 19 or equivalent placement exam

score or consent of the department. Visualization skills and graphic communication techniques for engineers, sketching, computer-aided drafting, and solid modeling, drawing interpretation.

Justification for A. and B.: For many years, there was a defacto prerequisite for ENGR 1210 and ENGR 1110 because admission to the College of Engineering included a Math Subscore on the ACT of 22. Essentially, we assumed that the overwhelming majority of students taking ENGR 1210 and ENGR 1110 were students accepted to the College of Engineering and that they meet this math requirement. However, in recent years, the number of non-engineering/technology students taking the course has grown substantially. Because of the basic math and algebra usage in the course, the GBE Department proposes a formal prerequisite for math background as noted above.

All changes to be effective at the start of Fall 2024.

Motion to approve. Julie Baker

Second. Lisa Zagumny

Vote: Motion Carried.

16. Manufacturing & Engineering Technology

Items tabled until the next meeting.

Motion to table. Julie Baker

Second. Lisa Zagumny

Vote. Motion carried.

Other such matters

- Status of AIP Textbook Ordering (Sharon Huo)
- Coursedog Curriculum Management (Sharon Huo)

Meeting adjourned at 4:09pm.