# Texas Tech University Academic Council

# Meeting of April 15, 2025 1:30 PM, TLPDC, Room 150 and via Zoom

# Attendance

**Present:** Cindy Akers (Chair), Nurcan Bac, Jeff Barrington, Holli Booe, Stefanie Borst, Ashlee Brown, Bobbie Brown, Todd Chambers, John Dascanio, Mayukh Dass, Debbie Davis, Dottie Durband, Kristi Gaines, Faith Geistweidt, Heather Greenhalgh-Spencer, Mahyar Hadighi, Lindsay Hallowell, Kaelene Hansen, Raegan Higgins, Jennifer Hughes, Amy Koerber, Rodney Lackey, Mitzi Lauderdale, Ryan Litsey, Brenda Martinez, Pat McConnel, Jerrod Nutt, Kuhn Park, Paul Ruiz, Pradip Sahu, Sarah Schwintz, Brian Shannon, Amelia Talley, Abigail Vega, and Janessa Walls.

Action Items:		
None		

Akers called the meeting to order by notifying the Council members of the new Teams group where agenda items and files will be stored going forward. Akers then presented the minutes from the March meeting. Hearing no discussion, Akers called for a vote. Dass moved, Bac seconded, and the minutes were approved.

For the next item of business, Hallowell presented the summary of course proposals. The voting items consisted of numbers 1-31. Hallowell mentioned that all effective terms in green had been moved forward, since registration has already opened. She then clarified a typo in the summary that listed activity type changes when it should have been cross-listing changes. With little discussion, Akers called for a motion. Talley moved, Bac seconded, and the courses were approved. Hallowell then highlighted the informational items.

Hallowell then presented the summary of program proposals, beginning with the voting items, which were items 1-12. Higgins questioned the proposed deletion of the Education, B.S.: Middle Level Math Concentrations (items 5 and 6). Without having a representative from Education to explain the deletion, Akers asked if the proposals should be tabled. Higgins so moved, and Greenhalgh-Spencer seconded. Hallowell asked for clarification of the effective date for the removal of the face-to-face modalities for the Interdisciplinary Studies, B.A. and Leadership Studies, B.S. (items 8 and 9). Schwintz explained that they will be doing a teach-out plan and that the students who were admitted into the programs as face-to-face students in Fall 2025 will be allowed to finish the programs in their original modality. However, no students will be admitted into the programs as face-to-face starting Spring 2026.

With no further discussion of the programs, Akers called for a motion. Greenhalgh-Spencer moved, Durband seconded, and the programs were approved, with items 5 and 6 being tabled. Hallowell then brought attention to the informational item, which was a curricular change. Hallowell explained that the curricular change had been moved to be effective Fall 2026, since the catalog for Fall 2025 had already been published. Akers added that once the catalog is published, the only changes that can be effective for that catalog year are corrections and less-restrictive changes. Other changes will be reviewed on a case-by-case basis.

For the next item of business, Lauderdale gave an update on Fields of Study from the Texas Transfer Advisory Council (TTAC). She explained that when a student transfers in with a field of study, an institution cannot require any additional lower-level coursework, even if those courses are foundational to the discipline. The TTAC has approved a newly formed alternative framework, which will allow institutions to require additional lower-level courses to give more flexibility. So far English and Biology have been approved, and History should be voted on in June. Once approved, the next step is open comment, and then they will go to Akers to work with the departments. There are two-year extensions on Engineering, Architecture, and Music.

Lauderdale added that a theme in current legislative discussions is transfer friendliness so students can transfer without losing credits and money. Akers added that there appears to be big changes to core curriculum and approvals of courses on the horizon. SB 37 will have a lot of impact on how we approve courses, and we will make adjustments as needed once decisions are made.

In other business, Chambers mentioned that RRO is coming up soon. The Advising Council is going to ask all colleges which courses have had their prerequisites changed, specifically core curriculum or courses that affect large populations of students. They are trying to be as proactive as possible to have conversations with students about new prerequisites. Akers asked Hallowell to look into Curriculog's impact reports to see if we could include that in the course approval process. Hallowell offered to have her team look into the reports to see if we can add information on affected courses in the course summaries for transparency.

For an announcement, Vega introduced the new Student Body President, Faith Geistweidt. Akers thanked Vega for her service and input.

Hearing no other business or announcements, Akers called for a motion to adjourn. Durband moved, Dass seconded, and Akers adjourned the meeting.

## Voting Items: Courses

Add	New Course						
No.	College	Prefix & No.	Title	Description	Hours/Activity Type	Modality	Effective Term
1	HS	ADRS 5320	Topics in Recovery Studies	Overviews dynamics of recovery from addictive disorders from a biopsychosocial-spiritual perspective. Introduces recovery in the community, authors, researchers, and recovery dynamics nationally and internationally.	3:3:0:0 Lecture	F2F	Fall 2026
2	нѕ	ADRS 6321	General Linear Model	Introduces general linear models as applied to univariate outcomes. Bridges basic statistics and more advanced quantitative methods such as structural equations modeling, multilevel models, generalized models.	3:3:0:0 Lecture	F2F	Spring 2026
3	HS	ADRS 6323	Structural Equation Modeling (SEM) in ADRS	Provides in-depth exploration of Structural Equation Modeling (SEM), covering path analysis, mediation, factor analysis, and advanced SEM techniques. Includes practical demonstrations and guidance on effectively communicating SEM results.	3:3:0:0 Lecture	F2F	Fall 2025
4	HS	ADRS 6345	Grant Writing in ADRS	Provides an overview of finding grant opportunities, the federal grant submission and review process, presenting research ideas, and writing a grant proposal for addiction recovery topics.	3:3:0:0 Lecture	F2F	Spring 2026
5	AS	ATMO 5352	Wind Science and Modeling	Prerequisite: Instructor consent. Introduction of various wind systems and boundary layer aerodynamics, analysis of wind data, and modeling of near- ground wind features using experimental and numerical simulations.	3:3:0:0 Lecture	F2F	Fall 2025
6	EN	BSE 3363	Biochemical Engineering	Prerequisites: CHE 2310, CHE 3315, CHEM 3305, MATH 2450, PHYS 1408, BIOL 1404. Introduction to biochemical engineering, including design of processes that involve biological organisms; cellular, molecular and tissue engineering; biomaterials and biotransport. [CHE 4363]	3:3:0:0 Lecture	F2F	Fall 2026
7	EN	BSE 3365	Biotransport	Prerequisites: CHE 3315, MATH 3350 or MATH 3354, BSE 3363. Mass and momentum transport in living systems. [CHE 4365]	3:3:0:0 Lecture	F2F	Fall 2026
8	EN	BSE 3394	Soft Matter Engineering	Prerequisites: CHE 2321, CHE 3315, BIOL 1404, CHEM 3305. Introduces soft condensed matter; covers fundamentals of microscopic order and disorder, emphasizing structure—function relationship in common structured fluids and its practical applications. [CHE 4394]	3:3:0:0 Lecture	F2F	Fall 2026
9	EN	BSE 4385	Bioprocess Control	Prerequisites: MATH 3350 or 3354, BSE 4364, BIOE 3202. Problems and solutions associated with optimization and control of bioprocesses. [CHE 4385]	3:3:0:0 Lecture	F2F	Fall 2026
10	vs	DVM 7113	African Wildlife Medicine	This is a 1-hour elective course that is specifically designed for veterinary students that have interests in wildlife medicine and would like to implement that interest into their veterinary education and practice career. This course covers the fields of conservation, internal medicine, reproduction, regulatory requirements, surgery and preventative health care, and comprises approximately 6 hours of lectures, 6 hours of laboratories and a minimum of 12 hours of field activities. These numbers add up to 15 hours for 1 hour of course credit. While in South Africa, there will be a much larger amount of time available for practical hands-on experience with wild African animals. All students will participate in procedures including animal capture and restraint, anesthetic monitoring, anti-poaching measures, preventative health care measures, patient care, diagnostic and therapeutic procedures, regulatory procedures, and field surgery.	1:1:0:2 Lecture, Non-Credit Lab	Off-Campus	Fall 2025
11	EN	ENGR 5301	Introduction to Bioengineering I	Prerequisites: BIOL 2120 or CHEM 3311 or permission of instructor. Presents a basic introduction to bioengineering, covering fundamental concepts of biology, biomolecular chemistry, biomedical engineering, biosensors, and therapeutic devices. [ENGR 4001]	3:3:0:0 Lecture	F2F, Online	Fall 2025
12	HS	NS 6342	Application of Nutritional Biostatistics	Prerequisite: NS 5342 or equivalent, or instructor approval. Provides hands- on statistical methods for nutritional sciences research, covering applications in basic science, clinical studies, and public health through practical, evidence-driven analytical techniques.	3:3:0:0 Lecture	F2F	Fall 2025

Chan	ge Course	Title		
No.	College	Prefix & No.	Title	Effective Term
13	AS	KIN 6319	Proposed: Grant Writing in Exercise Physiology Current: Development of Exercise Physiology Proposals	Spring 2026
14	AG	NRM 5404	Proposed: Spatial Conservation Prioritization Using Geographic Information Systems Current: Aerial Terrain Analysis	Spring 2026
15	AG	NRM 6305	Proposed: Current Techniques in Earth Observation Sciences Current: Geospatial Technologies in Natural Resource Management	Spring 2026
16	HS	NS 5330	Proposed short title: Intro To Nutrition Research Current short title: Introduction to Nutrition	Spring 2026

•	Change Course Prefix						
I	No.	College	Prefix & No.	Title	Effective Term		
1	17	UN	Proposed: CHSS 1101 Current: INTS 1101	Introduction to Chess	Spring 2026		

Chan	Inge Cross-Listed Course							
No.	College	Prefix & No.	Title	Change Requested	Effective Term			
18	EN	CHE 4363	Biochemical Engineering	Add cross-listing with BSE 3363	Fall 2026			
19	EN	CHE 4364	Chemical Engineering Applications in Biological Systems	Add cross-listing with BSE 4364	Fall 2026			
20	EN	CHE 4365	Biotransport	Add cross-listing with BSE 3365	Fall 2026			
21	EN	CHE 4385	Bioprocess Control	Add cross-listing with BSE 4385	Fall 2026			
22	EN	CHE 4394	Soft Matter Engineering	Add cross-listing with BSE 3394	Fall 2026			

Mov	love Course					
No.	College	Prefix & No.	Title	Change Requested	Effective Term	
23	UN	INTS 1101	Introduction to Chess	Move course from School of Professional Studies to Office of the Provost: Student Life	Spring 2026	

Delet	velete Course					
No.	College	Prefix & No.	Title	Effective Term		
24	LW	LAW 6064	Litigating Debtor-Creditor Disputes	Fall 2025		
25	LW	LAW 6083	Antitrust Law	Fall 2025		

### Multiple Changes Credit/Conta Hours / CIP College Change Type Prefix & No. Title Description Effective Term No. Change contact hours to 3:3:0:1 Credit/Contact EN Hours, Activity Type CE 3303 Mechanics of Solids Spring 2026 26 and add Proposed: This TSI developmental math course is designed to be taken at the same time as Math 1300 and fulfills TSI compliance requirements. It supports topics such as quantitative literacy and problem solving with applications to finance, population dynamics, politics, and business taught in MATH 1300. Students must earn an A, B, or C to pass the course and fulfill TSI Math requirements Proposed: Developmental Math: Quantitative Reasoning Title, Description 27 UN TSI 0300 Spring 2026 equirements Current: Developmental Math II: Quantitative Reasoning Current: Second of two-course sequence designed to help students improve math skills. Course designed to prepare students for skills in quantitative reasoning. Topics quantitative reasoning, exponentials, logarithms, probability statistics, and problem solving. Proposed: This TSI developmental math course is designed to be taken simultaneously with Math 1320 and fulfills TSI compliance requirements. It supports topics such as inequalities, determinants, theory of equations, the binomial theorem, progressions, and mathematical induction taught in MATH 1320. Students must earn an A, B, or C to pass the course and fulfill TSI Math requirementer. ments. Current: This is the second of a two-course sequence of developmental mathematics courses designed to help students improve their basic math and algebra skills while fulfilling TSI compliance requirements. This course is designed to proper students for algebra skills necessary to be successful in College Algebra. There are four major topics: factoring polynomials, quadratic equations, functions, and logarithms. Students are assigned to this course on the basis of testing and evaluation. Not applicable toward general degree requirements in any degree program. Course will not count toward full-time enrollment. Students must earn an A, B, or C to pass the course and fulfill TSI Math requirements. Proposed: Developmental Math: Intermediate Algebra Title TSI 0320 UN Spring 2026 28 Description Current: Developmental Math II: Intermediate Algebra

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29	UN	Title, Description	TSI 0330	Proposed: Developmental Math: Applied Mathematics Current: Developmental Math II: Applied Mathematics	Proposed: This TSI developmental math course is designed to be taken at the same time as Math 1330 and fulfills TSI compliance requirements. It offers support on topics such as inequalities, determinants, theory of equations, binomial theorem, progressions, and mathematical induction taught in MATH 1330. Students must earn an A, B, or C to pass the course and fulfill TSI Math requirements. Current: This is the second of a two-course sequence of developmental mathematics courses designed to help students improve their basic math skills while fulfilling TSI compliance requirements. This course is designed to prepare students for skills necessary to be successful in an applied mathematics course. There are four major topics: set theory, logarithms, probability, and statistics. Students are assigned to this course on the basis of testing and evaluation. Not applicable toward general degree requirements in any degree program. Course will not count toward full-time enrollment. Students must earn an A, B, or C to pass the course and fulfill TSI Math requirements.	Spring 2026
30	UN	Title, Description	TSI 0340	Proposed: Developmental Math: Statistics Current: Developmental Math II: Statistics	Proposed: This TSI developmental math course is designed to be taken simultaneously with Math 2300 and fulfills TSI compliance requirements. This course supports topics such as analyzing data, statistical concepts and models, estimation, tests of significance, introduction to analysis of variance, linear regression, and correlations taught in MATH 2000. Students must earn an A, B, or C to pass the course and fulfill TSI Math requirements. Current: This is the second of a two-course sequence of developmental mathematics courses designed to help students improve their basic math skills while fulfilling TSI compliance requirements. This course is designed to prepare students for skills necessary to be successful in Statistics. There are four major topics: sampling methods, measures of variation, probability, and distributions. Students are assigned to this course on the basis of testing and evaluation. Not applicable toward general degree requirements in any degree program. Course will not count toward full-lime enrollment. Students must earn an A, B, or C to pass the course and fulfill TSI Math requirements.	Spring 2026
31	UN	Title, Description	TSI 0502	Proposed: Developmental Mathematics Current: Basic Mathematics	Proposed: This is the first of a two-course sequence of developmental mathematics courses designed to help students improve their basic math and algebra skills while fulfilling TSI compliance requirements. This course teaches students basic algebra skills to prepare them for TSI 0300, TSI 0320, TSI 0320, TSI 0320, TSI 0340. There are four major topics: one-variable linear equations, two-variable linear equations, systems of two-variable linear equations, two evaluation. It does not apply to general degree requirements in any degree program. The course will not count toward full-time enrollment. Students must earn an A, B, or C in the course to progress to the next TSI Dev Math course.	Spring 2026
					Current: This is the first of a two-course sequence of developmental mathematics courses designed to help students improve their basic math and algebra skills while fulfilling TSI compliance requirements. This course is designed to teach students basic algebra skills to prepare them for TSI 0300, TSI 0300, OT SI 0340, OT TSI 0340, TS	

	Voting Items: Programs							
Add	Add New Program							
No.	College	Department	Program Type	Title	Modality/Campus	Hours	Effective Term	
1	AS	Economics	Master of Science	Economics, M.S.	F2F	30	Spring 2026	

Title (	de Change						
No.	College	Department	Program Type	Title	Change Requested	Effective Term	
2	AG	Plant and Soil Science	Undergraduate Concentration	Plant and Soil Science, B.S.: Hybrid/Off-Campus	Change Title to Horticulture	Fall 2025	
SCH Change							
No.	College	Department	Program Type	Title	Change Requested	Effective Term	
3	EN	Electrical and Computer Engineering	Master of Science	Electrical Engineering, M.S.: Non-Thesis Option	Reduce SCH from 37 to 31 hours	Fall 2025	
4	EN	Civil, Environmental and Construction Engineering	Master of Environmental Engineering	Master of Environmental Engineering	Reduce SCH from 31 to 30 hours	Fall 2025	
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Pro	Jgram Detetion							
No.	College	Department	Program Type	Title	Effective Term			
5	ED	Teacher Education	Bachelor of Science	Education, B.S.: Middle Level Math Concentration (Coaching Specialization)	Fall 2025			
6	ED	Teacher Education	Bachelor of Science	Education, B.S.: Middle Level Math Concentration	Fall 2025			

Modality Change

No.	College	Department	Program Type	Title	Change Requested	Effective Term	
7	HS	Interdisciplinary Human Sciences	Bachelor of Applied Arts and Sciences	Human Sciences, B.A.A.S.	Add 100% Online Modality	Fall 2025	

8	UN	School of Professional Studies	Bachelor of Arts	Interdisciplinary Studies, B.A.	Remove F2F Modality	Spring 2026
9	UN	School of Professional Studies	Bachelor of Science	Leadership Studies, B.S.	Remove F2F Modality	Spring 2026
10	EN	Mechanical Engineering	Bachelor of Science	Mechanical Engineering, BS	Add hybrid Modality	Spring 2025

м	Multiple Changes										
N	. Co	ollege	Department	Program Type	Title	Change Requested	Effective Term				
11	LW	av.	Law School	Graduate Concentration	Intellectual Property Law	Create Standalone Concentration	Fall 2025				
						Change Curriculum					
12	1.11	av	Law School	Graduate Concentration	Water Law	Create Standalone Concentration	Fall 2025				
	LV					Change Curriculum					