

MINUTES

April 8, 2025

UNDERGRADUATE ASSEMBLY

The Undergraduate Assembly met in regular session on Tuesday, April 8, 2025 at 2:00 p.m., in-person, in Trinity Hall room 104. The meeting was called to order by Vice Provost Andrew Hippisley at 2:03 pm.

Attendance

Darlene Hunter is now replacing Allison Tomlinson

Carter Tiernan (Ex officio)	Monica De la Fuente Iglesias
Rebecca Dean proxy for Elizabeth Newman	Sarah Shelton
Jessica Smith proxy for Tanya Sudia	Fatoumata Jallow
Laura Mydlarz proxy for Morteza Khaledi	Zhaoli Liu
Lynn Peterson proxy for Peter Crouch	Melissa Walsh
Christina Salinas	Kathleen Tice
Nelson Gomez-Torres	Brenda Jacks
Bonnie Boardman proxy for Tom Ingram	Abeer Almughrabi
Erin Murrah-Mandril	David Ewing
Peggy Semingson	Nancy Michael
Rachel Baldrige	Rebecca Lewis (Ex officio)
He Dong	Mark Cooper (Ex officio)
Kathey Hoover	Ami Dominguez (Ex officio)
Kimberly Tate (Ex officio)	Pam Johnson
Kelli Rogers	Andrew Hippisley Proxy for Tamara Brown (Ex officio)
Ashely Purgason (Ex officio)	Sean Kelly
Owen Parker	
Mike Ward	

Welcome Remarks

Dr. Andrew Hippisley welcomed everyone at 2:03 pm.

Dr. Hippisley introduced Sean Kelly, the new dean of the Honors College. Dr. Hippisley thanked Dr. Semingson for service as secretary.

Dr. Hippisley discussed having a voice on the Calendar Committee. Someone left and we lost the seat. In the fall we will elect a member of the calendar committee. It's an important committee. Put your name forward.

Approval of February 11, 2025 Minutes

A vote was called. Brenda Jacks made the motion. Nelson for the second. Motion approved.

In Favor: ALL

I. **Opposed: 0**
Abstain: 0

Approved. Motion carries.

Unfinished Business, Andrew Hippisley led this discussion.

Dr. Hippisley came back to unfinished business. The issue is the proposal to create the President's list from October 2024. Conditions are: (see attachment). Dr. Hippisley is asking for feedback. Question: Does the President's list come from the dean's list? Does President's list presuppose a person is on the dean's list? Kimberly Tate: Whether the awarding of honors is supposed to be the highest level or potentially both? What is intent? Question: Does the President's list specify they have to have 30 hours? Don't see it there. Question: Would we want to stop at first or second semester freshman? Another comment: It would mean a lot to engineering students to be on the dean's list as well. Another comment: president's list but not dean's list is "ok". Ok to be on President's list the whole time. Another comment adding: Students should be able to get both of them. Dean's list is slightly more recognizable that exists across institutions and has prestige and culture cache. Comment: To make the President's list met all requirements from the dean's list. Could have both. Comment: Dean's list OR freshman list. More comments: To avoid confusion from the student side, maybe having cumulative GPA to make clear it's not the semester. Second: for president, it could be something to allow students to have once during their academic career. Others: that's awesome to have it every semester. Comment: someone does the dean's list for the college. There is an SAS report. It doesn't take much time. It is posted on the website. Dr. Hippisley said great feedback and if there are any other ideas, email him.

Committee Reports

Undergraduate Curriculum Committee (UCC) Tom Ingram, UCC Chair

Bonnie Boardman (proxy for Tom Ingram) shared for UCC. It is posted in the MS Teams for the UA.

1 new minor, 4 new certificates, and 52 amended programs. 120 course substitutions (44 adds, 6 deletions, and 70 amended). Catalog migration.

One at a time:

- 1) Banking certificate from COB, Dept of Finance. Students going into the banking industry. Proposed. Motion on the floor. Doesn't need a second. Dr. Hippisley asked if there was any discussion. There was none.

Dr. Hippisley asked for discussion. No discussion. All those in favor.

- I. **In Favor: ALL**
- II. **Opposed: 0**
Abstain: 0

Motion carries

- 2) Fundamentals of Artificial Intelligence by CSE in COE. AI techniques. Dr. Hippisley asked if Lynn Peterson wanted to add anything. She said they expect other programs want to do their own AI certification so they come up with their own wording.

Motion carries

Dr. Hippisley asked for discussion. No discussion. All those in favor.

- I. **In Favor: ALL**
- II. **Opposed: 0**
Abstain: 0

- 3) Resource in Energy Engineering, part of Electrical Engineering in COE. This is for other engineering students.

Dr. Hippisley asked for discussion. No discussion. All those in favor.

- I. **In Favor: ALL**
- II. **Opposed: 0**
Abstain: 0

Motion carries

- 4) One minor space systems minor was up for vote next, Mech and Aerospace Engineering.

Dr. Hippisley asked for discussion or questions. No discussion. All those in favor.

- I. **In Favor: ALL**
- II. **Opposed: 0**

Abstain: 0

5) Art department, COLA. UX/UI design certificate.

Dr. Hippisley asked for discussion or questions. No discussion. All those in favor.

- I. **In Favor: ALL**
- II. **Opposed: 0**
Abstain: 0

Motion carries.

Three fast-tracks all from Exercise Science, Kinesiology dept.

These three were grouped for voting. Dr. Hippisley asked for discussion or questions. No discussion. All those in favor.

- I. **In Favor: ALL**
- II. **Opposed: 0**
Abstain: 0

Motion carries.

These fast-tracks have been approved through the Graduate Assembly already.

Amended programs were 52 program edits. UCC did pass unanimously to these 52 program changes.

Dr. Hippisley asked for discussion or questions. No discussion. All those in favor.

- I. **In Favor: ALL**
- II. **Opposed: 0**
Abstain: 0

Motion carries.

Course workflow items, 44 adds, 6 deletes, and 70 course edits. UCC passed unanimously all of these.

Dr. Hippisley asked for discussion or questions. No discussion. All those in favor.

- I. **In Favor: ALL**
- II. **Opposed: 0**
Abstain: 0

Motion carries.

Core Curriculum Committee--Bonnie Boardman presented as proxy.

They discussed the foundational area option of the six hours of the math requirement. They agreed to what UA had discussed that it would be open to each college how to use those hours. The other thing they did was review three course submissions. They didn't recommend adding any of those three for various reasons. Feedback was or will be sent from the three that were rejected.

New Business:

Ad Hoc Committee on Standing Committees – Mark Cooper, Ad hoc Committee Chair Proposed By-Laws Changes

Mark Cooper gave an overview. The committee met to examine the bylaws. The committee formalized and put in the bylaws some small changes to the way the UCC is constituted. For the CCC, the committee developed a recommendation. Got rid of committees that no longer exist. Added a rep from this committee to UA of the university level calendar committee. This will be done in fall. Teacher education council was eliminated, as well. Put in possibility for co-chairs for continuity. Representation on UCC was slightly changed. Removed the voting seats for CMAS and AAS and Honors College and voting seat for UNIV courses. Student success is represented as ex-officio role. Added working with IER to assess the core and develop recommendations on whether to continue with the core. Question: Why were Honors College removed? MC: Honors are represented already across the university. Any proposal the proponents of that proposal are welcome to come and answer questions. We have large colleges, why do they have duplicate representation. They have two non-voting seats. Question: Concern with removal of CMAS and CAAS. They are directly under the Provost. There wouldn't be anyone to speak for those courses. Most are cross-listed. A few are stand-alone. MC: Same answer. The committee let like reps from either of those units or both are welcome to come to the UCC and speak on behalf of course programs or proposals. Rep on this body there is voting membership shared by those two units on this body. Rebecca: For cross-listed courses, logistic courses come up. Having a rep from the center can be useful. MC: in the same way individual depts may not have representatives, regularly people from the units come and speak on behalf of proposals. This was the committees feeling. Comment: Those depts have a COLA rep even if History isn't represented. If this passes, CMAS and CAAS would have no vote. Comment/question: where are faculty pulled from? They could voice concern through their college. Erin reiterated the two centers are not tied to a college. Can we formally put in the document "check on the committees". Like a compromise. Comment: Rebecca agrees there should be sufficient notification. There may be times something doesn't formally touch the center but the center does have something to say. If removed, acknowledge that

it's extremely important for the communication piece to be formalized. Comment: Problem might be organizational with center under Provost. Comment: The two centers work together and select a single representative. Ashley Purgason: the Division of Student Success is responsible for delivery of a degree program as well as some courses. They benefit from a steering committee. It's useful to have representation from individuals who also are members of the UCC and having voting representation. When those individuals can be the same people. Some people on their steering committee, especially if they won't be represented on the vote. Question about Core curriculum makeup. Mark Cooper: COS should have two and COE should have one. This is explained in the cover member. Comment: Consider Honors as 60-70% of Honors credit is earned through the core.

Andrew: Does anyone else want to discuss anything separate from these two points?

- 1) CMAS and CAAS. Amendment could be kept as it was. Or make changes and add some language. If there is an amendment we need a proposal and then a second. Dr. Hippisley asked for an amendment.

Erin Murrah-Mandril amends to add back one rep for CAAS/CMAS on UCC. Second: Sarah Shelton. Dr. Hippisley asked for further discussion. Question from Nelson: How many students are in one of those? Approximately? Erin: It changes. Her guess is over 100. Owen: what was the discussion that led to that? Mark: being consistent and equitable about representation. Is it fair you have a huge college like COLA with two reps and distributing faculty workload. Nelson: I would like to speak in favor of the amendment. Dr. Hippisley: hearing a few in favor, is there anyone who would like to talk about the other side? Abeer: what if we can have something in between—have representation, to be fair, they are non-voting members. Nelson: He can see how ex-officio/non-voting members. Rebecca: both centers are interdisciplinary. CMAS and CAAS are not about COLA. COLA members participate. The vast majority are cross-listed. MC: In his experience there is very rarely a divided group. Comment: There are other layers/reviews before it gets to UA. It's not any one body.

Vote on original motion (Erin's): to add one voting member of CMAS/CAAS (1 member). Voice vote:

In Favor: ALL but two

Opposed: 2

Abstain: 0

Vote on amendment to amendment. Abeer Almughrabi: does it matter if even or odd votes. Mark Cooper: Often one member shy. Odd or even number doesn't really matter. Abeer Almughrabi made a motion to add Honors College back. This is an amendment to add

Honors Representation as a voting member. Dr. Hippisley said this could be seen later.
Honors college dean: A huge part of what honors college does is with the core.

Abeer Almughrabi made a motion to have a non-voting member for the CMAS/CAAS representative; they do not get a vote. They are non-voting. Second: no second. No motion.

There was a suggestion to add back honors college. Honors college said this was not needed since he is ex-officio. Motion: to add ex officio of Core Curriculum committee.
Motion from Abeer Almughrabi: No discussion. Second from Owen Parker.

In Favor: ALL
Opposed: 0
Abstain: 0

Voting now on the entire proposed document. All those in favor of the motion:

In Favor: ALL
Opposed: 0
Abstain: 0

Mark Cooper: Amendments to the bylaws require two readings. Mark: Can we do an email vote for the second reading. No one had any concerns with this. Mark would resend the amended version and ask for a vote. Brenda: It cannot be anonymous.

Kimberly Tate: Credit for Prior Learning Policy.

There was a credit for prior learning task force. They also sent out a survey. The task force has proposed some revised catalog language to clarify existing practices. They want a framework for policy for CPL by portfolio submission and professional certification and licensure. Others have an interest in this. The proposal has clarifying language with comments identifying where they are clarifying the language but not changing the premise of the policy. No operational details are here yet. Mark added: if someone wanted to propose credit by portfolio they wanted a way to do that. This is informational only and doesn't need a vote. AH: Why would we do credit for prior learning? Kimberly Tate: It's been around a very long time. Attempting to give students credit for learning they have already achieved but can demonstrate. It is competency-based. Question: Is there a maximum number of credits? KT: No. They still need to meet residency requirements for a degree. Question: In the past a student who was taking a class couldn't CLEP it later. Kimberly Tate: Only in the case if they have failed. They will never be able to replace the course with CLEP credit. Can't get double credit. Question: It's credit for prior learning. Must be completed before enrolling at UTA or concurrent? Kimberly Tate: can be concurrent. Abeer: If you get credit for prior work, how far is it? Is there a time frame? Kimberly Tate: Is there a time frame

for credit by examination. They have a matrix for SAT/ACT and there is a new matrix. In the portfolio guidelines could be written in guidelines, e.g., not considered for equivalent coursework. Question: Who assesses the portfolios? Mark: TBD. If you want to propose a portfolio you have to do it through the regular shared governance process.

Concern/comment: All other programs can point to an external board for standards. Is there an external way of validating whether a portfolio is valid. Mark Cooper: Most have extensive peer review built in.

Applying Graduate Credit to Undergraduate Degree Plans

Dr. James Grover, Dean of the Graduate School

See documents in Teams. Proposed change in catalog for how fast-track is defined. AH: Where is the proposal coming from. Mark Cooper: Graduate school and Mark. It's a consistency change. Question: Where do the four hours of upper division come from? Question: Why limit it to one course: significant difference between UG and Graduate courses. Comment: UG courses can help you career-wise or get into graduate school. Kimberly Tate: There is an element of payment associated with this, also with differing payments for UG and Graduate courses.

Question on fast-track statement: it doesn't include all the stipulations like "and meet the requirements of the individual program." For some a student has to start in a certain period of time. Answer from another UA Member: it's already described at program level and says, "coursework requirements". Mark Cooper: "program-specific" was used in the language. This is an anchoring definition. Another question: The catalog used to say if a student is in last semester of UG work, could be taken..." Dr. Hippisley: Any further discussion?

Mark and Andrew moved to vote on this. Abeer Almughrabi is second.

Vote: All those in favor of this revised language:

Voting now on the entire proposed document. All those in favor of the motion:

In Favor: ALL

Opposed: 0

Abstain: 0

Dr. Hippisley will send an email with all the good things of what this assembly has done since April.

Adjournment at 3:37 pm

Addendum: Email sent by Dr. Hippisley on May 5, 2025 to members of Undergraduate Assembly

Outstanding actions of the Undergraduate Assembly, October 2023 – April 2025

Sent on behalf of Andrew Hippisley, Vice Provost for Academic Affairs:

Dear members of the Undergraduate Assembly,

Thank you for participating in the online vote. We were quorate and the motion on the proposed changes to the committee by-laws passed.

I am attaching a list of outstanding UA actions that have collected since October 2023. Some of you may have been wondering “what ever happened to *that* discussion?” These will be part of the agenda for the next session.

Also, for the next session we need to vote on a new secretary, as understandably but nonetheless sadly Peggy has called it a day. We also need a UA representative on the university-wide Calendar Committee. Please think of nominations, including self-nominations and have them ready for voting when we meet in October.

Finally, thank you all for your service over this last session. I have very much appreciated your insight. I hope the rest of the semester goes well and you have a restful summer.

Best regards,

Andrew

Andrew Hippisley, PhD

Vice Provost for Academic Affairs

Professor of Linguistics
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Meeting Date	Item	Outcome
10/10/2023	Grade Forgiveness/Course Repeat Policy Proposal Nancy Michael presented the revised Grade Forgiveness Policy after comparing 23 peer institutions. The proposed changes include allowing students to replace any D or F grades, with some exceptions like F grades not replacing another F. The new policy to be effective in Fall 2024.	No action taken yet, being reconsidered; needs major revisions
04/09/2024	Academic Standing Policy Recommendation Nancy Michael presented the Academic Standing Policy Recommendation, proposing a 2.2 GPA requirement for continuance and clearer probation/suspension terms. Students not in good standing would also be required to meet with success staff. The motion was approved for implementation in Fall 2025 to allow for necessary adjustments, including OIT support.	Aiming for Fall 2025 implementation with the removal of the Probation 1 stipulation language
10/08/2024	Core Curriculum Committee The discussion focused on the structure and governance of the Core Curriculum Committee (CCC), which currently reports directly to the Undergraduate Assembly (UA). The committee considered two options: keeping the CCC as a standalone committee or making it a subcommittee of the University Core Curriculum (UCC). Key concerns included membership clarity, communication between committees, and the need for a robust evaluation process for core courses. The goal was to refine the governance structure to balance efficiency with faculty input and oversight.	Pending resolution
10/08/2024	President's List Proposal to create a President's List as distinct from the Dean's list. After discussion of details proposal was referred to Provost's office for clarification.	Pending revisions

11/19/2024	<p>Math credits Proposal that six required math credits be changed to three and that those three extra credits go to the Foundations component. To allow time to change degree programs implied by this shift, fall 2026 is recommend as the earliest start date (unanimous). Recommendation to change math , only 2 voted against.</p>	Needs to be implemented, i.e. degree plans for every program and published in the catalog.
	<p>Calendar decision Though this was information only, all objected to the decision to <i>not</i> align with the Arlington public schools calendar.</p>	Figure out how more faculty can be involved the decisions on the academic calendar

Respectfully submitted, Peggy Semingson

College of Liberal Arts



University Undergraduate Curriculum Committee
Meetings Summary from:
Tuesday, 8-April 2025

Date: Tuesday, 8-April 2025

To: The Undergraduate Assembly
From: Tom Ingram, UCC Chair
Subject: UCC Chair's Summary

The University Undergraduate Curriculum Committee (UCC) met three times since the last UA meeting.

UCC #5: February 18, 2025, 2:00-3:30 pm via Teams

UCC #6: March 4, 2025, 2:00-5:00 pm via Teams

UCC #7: March 25, 2025, 2:00-5:00 pm via Teams

A quorum was maintained at all meeting with UCC voting members. This UCC report summarizes all business and action of the UCC for all three meetings. This report will present three groups of items as follows:

1. New programs, minors, and certificates
2. Program amendments
3. Courses (adds, deletes, & edits)

Please note: The catalog migration project delayed the submissions of existing program and course edits. This accounts for the high volume of program and many course edits submissions.

The UCC considered and acted 1 new minor, 4 new certificates, and 52 amended programs. Additionally, the UCC considered and acted on a total of 120 total course submissions. (44 adds, 6 deletions, & 70 amended)

All items considered by the UCC passed and are recommended to the UA for approval.

With respect,

Tom L Ingram, UCC Chair

UCC Combined Report to the UA
UCC New Business Action Items

1. New Program Workflow Items ([Link to: new_programs_workflow_report_2025-03-31_rev1.xlsx](#))

	College/School	Department	Title	Status
1.	BUSA	FINA	: Banking Certificate	Added
2.	ENGR	CSE	: Fundamentals of Artificial Intelligence Certificate	Added
3.	ENGR	EE	: REE Certificate	Added
4.	ENGR	MAE	: Space Systems Minor	Added
5.	LART	ART	: UX/UI Design Certificate	Added
	NURS	KINE	: Exercise Science BS (CAP) to MS Fast Track	Added
	NURS	KINE	: Exercise Science BS (MRS) to MS Fast Track	Added
	NURS	KINE	: Exercise Science BS (HFW) to MS Fast Track	Added

The UCC passed unanimously, and all are recommended for approval by the Undergraduate Assembly.

2. Amended Programs Workflow Items ([Link to: edited_programs_workflow_report_2025-03-31_rev1.xlsx](#))

	College/School	Department	Title	Status
1.	BUSA	INSY	BANALYBS: Business Analytics BS	Edited
2.	ENGR	BE	BME_BS: Biomedical Engineering BS	Edited
3.	ENGR	CE	CE_ARENBS: Architectural Engineering BS	Edited
4.	ENGR	CE	CE_CE: Civil Engineering BS	Edited
5.	ENGR	CE	CE_CM: Construction Management BS	Edited

6.	ENGR	CSE	CSE_CP: Computer Engineering BS	Edited
7.	ENGR	EE	REEBS: Resource and Energy Engineering BS	Edited
8.	ENGR	IE	IE_IE: Industrial Engineering BS	Edited
9.	ENGR	MAE	AE_MNR: Aerospace Engineering Minor	Edited
10.	ENGR	MAE	AE_MXXXFT: Aerospace Engineering BS to MS or ME Fast Track	Edited
11.	ENGR	MAE	AE_AE: Aerospace Engineering BS	Edited
12.	LART	ANTH	ANTHBA: Anthropology BA	Edited
13.	LART	ART	ART_BA: Art BA	Edited
14.	LART	ART	ART_BF: ART BFA	Edited
15.	LART	ART	ARTHBA: Art History BA	Edited
16.	LART	COMM	PCOMBA: Philanthropy BA	Edited
17.	LART	COMM	ADVTBA: Advertising BA	Edited
18.	LART	COMM	CTECBA: Communication Technology BA	Edited
19.	LART	COMM	PRELBA: Public Relations BA	Edited
20.	LART	COMM	BCM NBA: Broadcasting BA	Edited
21.	LART	CRCJ	FORE_MNR: Forensic Applications Minor	Edited
22.	LART	CRCJ	CRCJBA: Criminology and Criminal Justice BA	Edited
23.	LART	ENGL	SOUNDMNR: Sound Studies Minor	Edited
24.	LART	ENGL	ENTWPC_MNR: Technical and Professional Writing Minor	Edited
25.	LART	ENGL	TCHWRICERT: Technical and Professional Writing Certificate	Edited
26.	LART	ENGL	ENCR_MNR: Creative Writing Minor	Edited
27.	LART	HIST	HISTBA: History BA	Edited
28.	LART	HIST	HISTBATCHS: History BA (Social Studies Teaching Certification)	Edited
29.	LART	HIST	HIPLBA: History BA (Pre-Law)	Edited
30.	LART	LART	ESPORTCERT: Esports Certificate	Edited
31.	LART	LART	DS_MNR: Disability Studies Minor	Edited
32.	LART	MODL	SPANCERT: Spanish Translation/Interpreting Certificate	Edited
33.	LART	MODL	SPANINCERT: Spanish Interpreting Certificate	Deleted
34.	LART	MUSI	MUSIBMMUSM: Audio Production BM	Edited
35.	LART	MUSI	MUSIBMIPB: Band Performance BM	Edited

36.	LART	MUSI	MUSIBMCP: Composition BM	Edited
37.	LART	MUSI	MUSIBMKBPP: Keyboard Pedagogy BM	Edited
38.	LART	MUSI	MUSIBMKBPF: Keyboard Performance BM	Edited
39.	LART	MUSI	MUSIBMIPO: Orchestra Performance BM	Edited
40.	LART	PHIL	MEDHUMCERT: Medical Humanities	Edited
41.	LART	PHIL	PHILBA: Philosophy BA	Edited
42.	LART	POLS	POLSBA: Political Science BA	Edited
43.	SCIE	CHEM	CHEMBAUTCH: Chemistry BA UTeach (7-12 CH)	Edited
44.	SCIE	CHEM	CHEMBAUT: Chemistry BA UTeach (6-12 PS)	Edited
45.	SCIE	MATH	MATHBSACTU: Mathematics (Actuarial Science) BS	Edited
46.	SCIE	PSYC	PSYCBS: Psychology BS	Edited
47.	SCIE	PSYC	PSYCBA: Psychology BA	Edited
48.	SCIE	PSYC	PSYCBAUT: Psychology BA (Life Sciences Teaching Certification)	Edited
49.	SCIE	PSYC	PSYCBSUT: Psychology BS (Mathematics Teaching Certification)	Edited
50.	SCIE	SCIE	DATABS(BIOLCHEM): Data Science BS (Biochemistry)	Edited
51.	SCIE	SCIE	DATABS(PHYSCHEM): Data Science BS (Physical Chemistry)	Edited
52.	SCIE	SCIE	DATA_MNR: Data Science Minor	Edited

The UCC passed all items and are recommended for approval by the Undergraduate Assembly.

3. Course Workflow Items ([Link to: courses_workflow_report_2025-03-31_rev1.xlsx](#))

UCC Courses Considered: A total of 120 (44 adds, 6 deletes, and 70 edits)

Units submitting courses:

2.1 BUSA

2.2 CAPPA

2.3. ENGR

2.4 LART

2.5 NURS

2.6 SCIE

2.7 SOCW

The UCC approved and all submissions are recommended for approval by the Undergraduate Assembly.

*** End of UCC report to UA 4.8.25 ***

Code	Title	URL	College/School	Department	Status	Initiator	Received	Justification for Inactivation	Planning Rationale
/programadmin/1100/index.html	: Banking Certificate	https://nextcatalog.uta.edu/programadmin/?key=1100	BUSA	FINA	Added	sabherwa	3/25/2025		The banking industry is evolving rapidly with advancements in technology, regulatory changes, and new financial products. To address the growing need for specialized knowledge and skills, we propose the development of a Banking Certificate Program. This program aims to equip participants with essential skills and knowledge to excel in the banking sector, enhance career prospects, and adapt to industry changes. The program will help serve the need for banking industry professionals in Texas and the United States.
/programadmin/1120/index.html	: Fundamentals of Artificial Intelligence Certificate	https://nextcatalog.uta.edu/programadmin/?key=1120	ENGR	CSE	Added	mrose	3/25/2025		The Certificate in Artificial Intelligence is offered through the Computer Science and Engineering Department and will educate undergraduate students in their ability to understand different AI techniques that are being used for solving real world problems. Students will learn to understand the differences and uses of different AI techniques in order to choose from them for solving a problem at hand. Students will be able to apply this knowledge to subject areas, such as robotics, computer vision, image processing, speech recognition, health informatics and bioinformatics, and social networks data. The Certificate in Artificial Intelligence will be awarded concurrently with an undergraduate degree.
/programadmin/1282/index.html	: REE Certificate	https://nextcatalog.uta.edu/programadmin/?key=1282	ENGR	EE	Added	peterson	3/25/2025		The Certificate in Resource and Energy Engineering (REE) is intended for undergraduate students who want to supplement their major with content from this emerging engineering discipline. The REE program at UTA is the first of its kind in the US, so a student from another discipline having a credential in REE should provide a competitive edge. To receive a certificate in REE, a student must not be receiving his/her major degree in REE and must complete 4 courses listed (12 credit hours) with a grade of C or better in each course.
/programadmin/1175/index.html	: Space Systems Minor	https://nextcatalog.uta.edu/programadmin/?key=1175	ENGR	MAE	Added	nancym	3/7/2025		The 18-credit minor in Space Systems at the University of Texas at Arlington provides students from a variety of disciplines with the opportunity to build a range of skills related to Astronautics and Spacecraft Systems Engineering. Areas of study include orbital mechanics, spacecraft propulsion, spacecraft dynamics and control, spacecraft design, entrepreneurship, and space exploration. The curriculum is designed to prepare students for higher-level certification, graduate studies, and entry-level space industry positions. Students have access to design, build, test, and research opportunities through the Space Systems Laboratory. From the perspective of the MAE Department, as well as the broader UTA Strategic Plan, the proposed Space Systems Minor closely aligns with emphases on expanding and enhancing training and learning opportunities for students, attracting top researchers to UTA, and fostering entrepreneurship opportunities in the new space economy that aligns with the state and nation's vision regarding enabling space exploration.
/programadmin/1097/index.html	: UX/UI Design Certificate	https://nextcatalog.uta.edu/programadmin/?key=1097	LART	ART	Added	shilton	3/14/2025		The User Experience/User Interface (UX/UI) Design Certificate Program emphasizes the importance of visual design, interaction patterns, and responsive layouts, ensuring students are equipped to build intuitive and aesthetically pleasing mobile apps and websites. The program offers a robust exploration of the essential principles and practices that define effective user experience and user interface design. Students will be introduced to the UX design process, covering critical stages such as user research, user interviews, persona development, usability testing, and interactive prototype development. Based on user needs and behaviors, participants will create solutions that prioritize accessibility and user satisfaction. By integrating advanced technologies into their projects, participants will not only expand their skill sets but also prepare for the evolving demands of the digital design landscape. Upon completion, students will possess a robust portfolio that demonstrates their proficiency in both foundational design principles and cutting-edge technological applications, making them competitive candidates in the dynamic field of UX/UI design.
/programadmin/1367/index.html	: Exercise Science BS (CAP) to MS Fast Track	https://nextcatalog.uta.edu/programadmin/?key=1367	NURS	KINE	Added	brothersm	3/21/2025		
/programadmin/1443/index.html	: Exercise Science BS (MRS) to MS Fast Track	https://nextcatalog.uta.edu/programadmin/?key=1443	NURS	KINE	Added	brothersm	3/21/2025		
/programadmin/1445/index.html	: Exercise Science BS (HFW) to MS Fast Track	https://nextcatalog.uta.edu/programadmin/?key=1445	NURS	KINE	Added	brothersm	3/21/2025		

Code	Title	URL	College/School	Department	Status	Initiator	Received	Justification for Inactivation
BANALYBS	BANALYBS: Business Analytics BS	https://nextcatalog.uta.edu/programadmin/?key=1111	BUSA	INSY	Edited	elbertjs	3/25/2025	
BME_BS	BME_BS: Biomedical Engineering BS	https://nextcatalog.uta.edu/programadmin/?key=1358	ENGR	BE	Edited	chuong	3/25/2025	
CE_ARENSBS	CE_ARENSBS: Architectural Engineering BS	https://nextcatalog.uta.edu/programadmin/?key=548	ENGR	CE	Edited	jthomps	3/25/2025	
CE_CE	CE_CE: Civil Engineering BS	https://nextcatalog.uta.edu/programadmin/?key=551	ENGR	CE	Edited	jthomps	3/25/2025	
CE_CM	CE_CM: Construction Management BS	https://nextcatalog.uta.edu/programadmin/?key=553	ENGR	CE	Edited	jthomps	3/25/2025	
CSE_CP	CSE_CP: Computer Engineering BS	https://nextcatalog.uta.edu/programadmin/?key=597	ENGR	CSE	Edited	mrose	3/25/2025	
REEBS	REEBS: Resource and Energy Engineering BS	https://nextcatalog.uta.edu/programadmin/?key=1152	ENGR	EE	Edited	peterson	3/25/2025	
IE_IE	IE_IE: Industrial Engineering BS	https://nextcatalog.uta.edu/programadmin/?key=1439	ENGR	IE	Edited	boardman	3/25/2025	
AE_MNR	AE_MNR: Aerospace Engineering Minor	https://nextcatalog.uta.edu/programadmin/?key=1462	ENGR	MAE	Edited	nancym	3/25/2025	
AE_MXXXFT	AE_MXXXFT: Aerospace Engineering BS to MS or ME Fast Track	https://nextcatalog.uta.edu/programadmin/?key=1521	ENGR	MAE	Edited	nancym	3/25/2025	
AE_AE	AE_AE: Aerospace Engineering BS	https://nextcatalog.uta.edu/programadmin/?key=480	ENGR	MAE	Edited	nancym	3/25/2025	
ANTHBA	ANTHBA: Anthropology BA	https://nextcatalog.uta.edu/programadmin/?key=574	LART	ANTH	Edited	arditi	3/25/2025	
ART_BA	ART_BA: Art BA	https://nextcatalog.uta.edu/programadmin/?key=1174	LART	ART	Edited	bryan	3/25/2025	
ART_BF	ART_BF: ART BFA	https://nextcatalog.uta.edu/programadmin/?key=1182	LART	ART	Edited	bryan	3/25/2025	
ARTHBA	ARTHBA: Art History BA	https://nextcatalog.uta.edu/programadmin/?key=495	LART	ART	Edited	bryan	3/25/2025	
PCOMBA	PCOMBA: Philanthropy BA	https://nextcatalog.uta.edu/programadmin/?key=1126	LART	COMM	Edited	cyjang	3/25/2025	
ADVTBA	ADVTBA: Advertising BA	https://nextcatalog.uta.edu/programadmin/?key=1127	LART	COMM	Edited	cyjang	3/25/2025	
CTECBA	CTECBA: Communication Technology BA	https://nextcatalog.uta.edu/programadmin/?key=1128	LART	COMM	Edited	cyjang	3/25/2025	
PRELBA	PRELBA: Public Relations BA	https://nextcatalog.uta.edu/programadmin/?key=1130	LART	COMM	Edited	cyjang	3/25/2025	
BCMBA	BCMBA: Broadcasting BA	https://nextcatalog.uta.edu/programadmin/?key=515	LART	COMM	Edited	cyjang	3/25/2025	
FORE_MNR	FORE_MNR: Forensic Applications Minor	https://nextcatalog.uta.edu/programadmin/?key=1216	LART	CRCI	Edited	pedersonkm	3/25/2025	
CRCBA	CRCBA: Criminology and Criminal Justice BA	https://nextcatalog.uta.edu/programadmin/?key=589	LART	CRCI	Edited	pedersonkm	3/25/2025	
SOUNDMNR	SOUNDMNR: Sound Studies Minor	https://nextcatalog.uta.edu/programadmin/?key=1241	LART	ENGL	Edited	kwarren	3/25/2025	
ENTWPC_MNR	ENTWPC_MNR: Technical and Professional Writing Minor	https://nextcatalog.uta.edu/programadmin/?key=1242	LART	ENGL	Edited	kwarren	3/25/2025	
TCHWRICERT	TCHWRICERT: Technical and Professional Writing Certificate	https://nextcatalog.uta.edu/programadmin/?key=1243	LART	ENGL	Edited	kwarren	3/25/2025	
ENCR_MNR	ENCR_MNR: Creative Writing Minor	https://nextcatalog.uta.edu/programadmin/?key=641	LART	ENGL	Edited	kwarren	3/25/2025	
HISTBA	HISTBA: History BA	https://nextcatalog.uta.edu/programadmin/?key=1272	LART	HIST	Edited	breuer	3/25/2025	
HISTBATCHS	HISTBATCHS: History BA (Social Studies Teaching Certification)	https://nextcatalog.uta.edu/programadmin/?key=1273	LART	HIST	Edited	breuer	3/25/2025	
HIPLBA	HIPLBA: History BA (Pre-Law)	https://nextcatalog.uta.edu/programadmin/?key=1274	LART	HIST	Edited	breuer	3/25/2025	
ESPORTCERT	ESPORTCERT: Esports Certificate	https://nextcatalog.uta.edu/programadmin/?key=1125	LART	LART	Edited	desireeh	3/25/2025	
DS_MNR	DS_MNR: Disability Studies Minor	https://nextcatalog.uta.edu/programadmin/?key=1275	LART	LART	Edited	rose14	3/25/2025	
SPANCERT	SPANCERT: Spanish Translation/Interpreting Certificate	https://nextcatalog.uta.edu/programadmin/?key=1334	LART	MODL	Edited	skania	3/25/2025	
SPANINCERT	SPANINCERT: Spanish Interpreting Certificate	https://nextcatalog.uta.edu/programadmin/?key=1335	LART	MODL	Deleted	skania	3/25/2025	We are not "teaching out" the certificate, just merging it with the Spanish Translation Certificate.
MUSIBMMUSM	MUSIBMMUSM: Audio Production BM	https://nextcatalog.uta.edu/programadmin/?key=1252	LART	MUSI	Edited	gghunt	3/25/2025	
MUSIBMIPB	MUSIBMIPB: Band Performance BM	https://nextcatalog.uta.edu/programadmin/?key=1254	LART	MUSI	Edited	gghunt	3/25/2025	
MUSIBMCP	MUSIBMCP: Composition BM	https://nextcatalog.uta.edu/programadmin/?key=1256	LART	MUSI	Edited	gghunt	3/25/2025	
MUSIBMBPP	MUSIBMBPP: Keyboard Pedagogy BM	https://nextcatalog.uta.edu/programadmin/?key=1265	LART	MUSI	Edited	gghunt	3/25/2025	
MUSIBMBPF	MUSIBMBPF: Keyboard Performance BM	https://nextcatalog.uta.edu/programadmin/?key=1266	LART	MUSI	Edited	gghunt	3/25/2025	
MUSIBMIPO	MUSIBMIPO: Orchestra Performance BM	https://nextcatalog.uta.edu/programadmin/?key=1287	LART	MUSI	Edited	gghunt	3/25/2025	
MEDHUMCERT	MEDHUMCERT: Medical Humanities	https://nextcatalog.uta.edu/programadmin/?key=1364	LART	PHIL	Edited	willifor	3/25/2025	
PHILBA	PHILBA: Philosophy BA	https://nextcatalog.uta.edu/programadmin/?key=863	LART	PHIL	Edited	willifor	3/25/2025	
POLSBA	POLSBA: Political Science BA	https://nextcatalog.uta.edu/programadmin/?key=885	LART	POLS	Edited	sandovalk	3/25/2025	
CHEMBAUTCH	CHEMBAUTCH: Chemistry BA UTeach (7-12 CH)	https://nextcatalog.uta.edu/programadmin/?key=1142	SCIE	CHEM	Edited	tanizaki	3/25/2025	
CHEMBAUT	CHEMBAUT: Chemistry BA UTeach (6-12 PS)	https://nextcatalog.uta.edu/programadmin/?key=1147	SCIE	CHEM	Edited	tanizaki	3/25/2025	
MATHBSACTU	MATHBSACTU: Mathematics (Actuarial Science) BS	https://nextcatalog.uta.edu/programadmin/?key=1084	SCIE	MATH	Edited	shipman	3/7/2025	
PSYCBS	PSYCBS: Psychology BS	https://nextcatalog.uta.edu/programadmin/?key=1121	SCIE	PSYC	Edited	parchem	3/7/2025	
PSYCBA	PSYCBA: Psychology BA	https://nextcatalog.uta.edu/programadmin/?key=900	SCIE	PSYC	Edited	parchem	3/7/2025	
PSYCBAUT	PSYCBAUT: Psychology BA (Life Sciences Teaching Certification)	https://nextcatalog.uta.edu/programadmin/?key=1122	SCIE	PSYC	Edited	parchem	3/25/2025	
PSYCBSUT	PSYCBSUT: Psychology BS (Mathematics Teaching Certification)	https://nextcatalog.uta.edu/programadmin/?key=1123	SCIE	PSYC	Edited	parchem	3/25/2025	
DATABS(BIOLCHEM)	DATABS(BIOLCHEM): Data Science BS (Biochemistry)	https://nextcatalog.uta.edu/programadmin/?key=1218	SCIE	SCIE	Edited	hammk	3/25/2025	
DATABS(PHYSICHEM)	DATABS(PHYSICHEM): Data Science BS (Physical Chemistry)	https://nextcatalog.uta.edu/programadmin/?key=1221	SCIE	SCIE	Edited	hammk	3/25/2025	
DATA_MNR	DATA_MNR: Data Science Minor	https://nextcatalog.uta.edu/programadmin/?key=612	SCIE	SCIE	Edited	hammk	3/25/2025	

Code	Title	URL	College	Department	Status	Initiator	Received	Also offered as	Course Description (description)	Credit Hours (credits)	Core?	Justification	Delete Justification	Student Learning Outcomes (slo)
ACCT 3308	ACCT 3308: FINANCIAL STATEMENT ANALYSIS FOR BANKING	https://newstratblog.ufl.edu/wordpressadmin/?key=34734	BUSA	ACCT	Added	share	3/25/2025		The environment of accounting, development of standards, basic theory, financial statements, worksheets with a particular focus on the application of accounting topics of Intermediate Accounting to banking institutions.	3	No	This course is designed to support the banking certificate being introduced by the finance department while also meeting the requirements of the Financial Accounting I course (ACCT 3311) of the accounting department so that these students have the ability to continue to choose to be double majors in accounting and finance. The difference between this course and ACCT 3311 is around 20% and mainly centers around the focus on banking industry in the course. Additional changes to courses where ACCT 3311 is a prerequisite will be separately submitted.	clo_autonumber: 1, course_los: 4. Demonstrate a basic knowledge of the financial reporting process. \r\n. Recognize, Measure, Analyze, Record and explain pertinent accounting elements (Assets, Liabilities, Revenues, Expenses, Equity etc.) reported in financial statements. \r\n.c. Create, prepare and present financial statements. \r\n.d. Analyze financial statements of potential borrowers using basic financial statement techniques. \r\n.e. Measure, Analyze and Record estimates and classification of loans and advances including reserves for loan losses.	
MANA 4322	MANA 4322: STRATEGIC MANAGEMENT	https://newstratblog.ufl.edu/wordpressadmin/?key=34733	BUSA	MANA	Edited	share	2/28/2025		An integrative learning experience that focuses on the role of top management in integrating an organization's internal functional activities and external environmental forces. Emphasis is placed on defining economic, technological, ethical, political, and social factors affecting an organization and their consideration in setting goal, strategies, and operating policies. This course serves as the capstone offering for the business major.	3	No	MANA 4322 – Strategic Management serves as the capstone course for numerous College of Business majors and plays a critical role in assessing the learning outcomes of students. The final exam for this course features topics learned in general business core classes and topics specific to the individual major of each student taking the exam. This exam represents 10% of a student's grade in the course. The current prerequisites for MANA 4322 are the business core classes required for all majors and may be completed without some general core classes necessary for declaring a business major. In particular, the College of Business has found a trend in students avoiding enrollment in MATH 3315 until very late in their degree, often their last semester. While the college has put in measures to facilitate enrollment in this course and all other coursework necessary for declaring a business major as early as possible, the problem has persisted. As a result, students are entering their final semester without being a declared business major which presents two primary issues: 1) University processes do not currently allow for a major to be declared mid-semester as all program changes of this type are future effective dated until after the end of the current semester. For this reason, students enrolled in their graduating semester without a declared major cannot apply for graduation which leads to delayed degree conferrals. 2) Because the MANA 4322 final exam requires accurate student data to provide the proper major specific content on the final exam, students who have not declared their major prior to enrolling in the course are at greater risk of being assessed incorrectly on major based material. Adding the requirement that students must be a declared Business major to the prerequisites for this course solves the need for accurate student data necessary to provide relevant assessment content to each student while also ensuring business students are unable to wait until their final semester to complete the requirements needed to declare their business major and avoid delays in degree conferrals.	clo_autonumber: 1, course_los: Introduction to the dynamic fields of travel and tourism. clo_autonumber: 2, course_los: Learn interconnections between hospitality sectors and their impact on local and global economies. clo_autonumber: 3, course_los: Learn operational aspects of travel agencies, tour operations, airlines, and casinos, including regulatory environments, customer service, and strategic management.	
HOSP 3350	HOSP 3350: INTRODUCTION TO TRAVEL AND TOURISM	https://newstratblog.ufl.edu/wordpressadmin/?key=34749	BUSA	MANA	Added	benson	3/25/2025		This course offers students a broad introduction to the dynamic fields of travel and tourism. It explores the interconnections between these sectors and their impact on local and global economies. Students will learn about the operational aspects of travel agencies, tour operations, airlines, and casinos, including regulatory environments, customer service, and strategic management.	3	No	Introduction class in the Hospitality Management degree program.		
HOSP 3351	HOSP 3351: HOSPITALITY MANAGEMENT	https://newstratblog.ufl.edu/wordpressadmin/?key=34748	BUSA	MANA	Added	benson	3/25/2025		This course provides students with foundational knowledge in managing restaurant, hotel, theme park and senior living establishments. The curriculum includes an overview of different segments of the industry, demands, expectations and techniques for service management. The course explores the complexities of operations administration, guest services, employee supervision, legal aspects, and property management.	3	No	New Hospitality program class.		
HOSP 3352	HOSP 3352: RESTAURANT OPERATIONS	https://newstratblog.ufl.edu/wordpressadmin/?key=34745	BUSA	MANA	Added	benson	3/25/2025		This course is designed to familiarize students with dining room service systems encompassing American, Russian, French and English styles of service. In addition, students will have an understanding of quantity food production principles and technique with some emphasis of global cuisines and cultures. This practical course will expose the experience of handling problems and situations routinely faced in the restaurant industry.	3	No	New Hospitality Program Course		
HOSP 3353	HOSP 3353: LODGING MANAGEMENT	https://newstratblog.ufl.edu/wordpressadmin/?key=34750	BUSA	MANA	Added	benson	3/25/2025		A comprehensive analysis of the various aspects of management and operations in the global lodging industry. Overview of hotel departments, operations strategies, principles, service management, guest experience, including a strategic planning, revenue management, chain scales, hotel ownership, franchising, problem solving, risk mitigation at the individual and multi-property levels.	3	No	New Hospitality program.		
HOSP 3354	HOSP 3354: CASINO, GAMING AND CLUB MANAGEMENT	https://newstratblog.ufl.edu/wordpressadmin/?key=34750	BUSA	MANA	Added	benson	3/25/2025		Principles and strategies of Gaming and Club Management operations relevant to practical management methods. Overview of gaming industry; growth, Indian gaming, lotteries, pari-mutuel wagering and casino operations. Analysis of operation, marketing, frequency rewards, accounting/controls, security, social/cultural consequences of the gaming industry. Introduction to Club Management, types of clubs, guest interest, value, merchandising, fleet management, industry outlook and career opportunities.	3	No	New Hospitality Program		
HOSP 3355	HOSP 3355: CONVENTION & EVENT MANAGEMENT	https://newstratblog.ufl.edu/wordpressadmin/?key=34752	BUSA	MANA	Added	benson	3/25/2025		Analysis of the factors to be considered in the successful management of corporate and association meetings, conferences, conventions, and special events. Topics studied will include planning, organizing, influencing, controlling, and leadership functions associated with the event (special events), convention, meeting, and festival activities. Key topics include forecasting, budgeting, marketing, venue arrangements, client management, guest considerations, crisis management, social responsibility, and ethics.	3	No	New Hospitality Program		
HOSP 4351	HOSP 4351: LEADERSHIP IN THE HOSPITALITY INDUSTRY	https://newstratblog.ufl.edu/wordpressadmin/?key=34753	BUSA	MANA	Added	benson	3/25/2025		Hospitality leadership philosophies, coaching, teaching, facilitating and motivating a workforce in various hospitality environments. Overview of leadership styles, skills, roles, and functions of leaders of organizations; history and origins of leadership, theoretical approaches to leadership, moral and ethical issues facing contemporary leaders. Topic will include managing employee diversity and human resource management practices.	3	No	New Hospitality Program.		
HOSP 4352	HOSP 4352: HOSPITALITY SALES & MARKETING	https://newstratblog.ufl.edu/wordpressadmin/?key=34754	BUSA	MANA	Added	benson	3/25/2025		Designed to provide students with an introductory guide to hospitality sales and marketing. This course covers various sales & marketing-related topics including sales leads & revenue generation, types of sales calls, sales process (funnel), and the relationship between sales and marketing. Use of technology, media relations, and promotions, customer behavior, brand positioning, market segmentation, communication, and social marketing to define, analyze, and solve problems from a marketing perspective. The course will introduce sales and marketing strategies that truly reflect the realities of the industry to enable students to apply and utilize them in their career.	3	No	New Hospitality program		
HOSP 4353	HOSP 4353: SERVICE QUALITY & CUSTOMER EXPERIENCE	https://newstratblog.ufl.edu/wordpressadmin/?key=34755	BUSA	MANA	Added	benson	3/25/2025		Key concepts in delivering service and meeting/exceeding guest expectations in a hospitality organization. Focus will be placed on industry service standards, principles and practices necessary to manage and enhance the customer experience in the hospitality industry. Topics include customer service strategies, service recovery techniques, managing capacity and demand, overview of tools and skills to successfully manage customer interactions, and memorable guest experiences.	3	No	New hospitality program		

HOSP 4354	HOSP 4354: HOSPITALITY REVENUE MANAGEMENT	https://nextcatalog.uta.edu/co/urpadmin/?key=34756	BUSA	MANA	Added	benson	3/25/2025	This course will provide an intensive review into hospitality revenue maximization, generation, forecasting, foundational metrics, definitions, formulas, and methodologies that are used by the hotel industry. The learning process will include interactive lectures, group discussions, research, and guest lecturers focused on industry analytical foundations, hotel math fundamentals, improving property revenue performance and analyzing marketing performance.	3	No	New hospitality program
HOSP 4355	HOSP 4355: HOSPITALITY INDUSTRY FINANCE & ANALYTICS	https://nextcatalog.uta.edu/co/urpadmin/?key=34757	BUSA	MANA	Added	benson	3/25/2025	Students will acquire knowledge and skills necessary to excel in hospitality financial management. This includes an understanding of the main elements of financial statements, working capital management, capital budgeting, financing costs, and leverage. This course also emphasizes the importance of data-driven decision making in enhancing performance in the hospitality industry. The curriculum includes statistical analysis, predictive modeling, and financial analysis techniques tailored to the needs of hospitality businesses.	3	No	New hospitality program
HOSP 4356	HOSP 4356: HOSPITALITY ENTREPRENEURSHIP, FRANCHISING & BRAND MANAGEMENT	https://nextcatalog.uta.edu/co/urpadmin/?key=34758	BUSA	MANA	Added	benson	3/25/2025	Entrepreneurship as it relates to starting and building a successful business in the hospitality industry. Due to the uniqueness of services, it is vital to secure sustainable competitive advantages in the market based on innovation in service design and delivery. Focus on business trends and opportunities, franchise decisions, choices, selection and brand management. Topics include market and financial feasibility analysis, location and market analysis, tourism and event enterprises, sources of funding for facility development, and business plan development.	3	No	New hospitality program.
HOSP 4359	HOSP 4359: HOSPITALITY MANAGEMENT STRATEGY	https://nextcatalog.uta.edu/co/urpadmin/?key=34759	BUSA	MANA	Added	benson	3/25/2025	This course is an integrative learning experience for the Hospitality Management program. Students will function as consultants, analyzing and proposing solutions to real-world problems hospitality businesses face. Through this immersive experience, students will refine their analytical, problem-solving, and communication skills, preparing them for successful careers in the hospitality industry.	3	No	New hospitality program
HOSP 4393	HOSP 4393: HOSPITALITY MANAGEMENT INTERNSHIP	https://nextcatalog.uta.edu/co/urpadmin/?key=34760	BUSA	MANA	Added	benson	3/25/2025	Practical training in hospitality management. Analysis of theory applied to real life situations. May be used as an advanced business elective only; graded on a pass/fail basis. No credit will be given for previous experience or activities. May be repeated for credit.	3	No	New hospitality program
SALES 3344	SALES 3344: SELLING FINANCIAL SERVICES AND PRODUCTS	https://nextcatalog.uta.edu/co/urpadmin/?key=34698	BUSA	MARK	Added	share	2/28/2025	This course examines the fundamental concepts and hands-on techniques for selling financial services and products, with a special emphasis on applying these sales strategies specifically within the banking industry. It focuses on financial offerings unique to the banking industry and skills needed to sell these offerings to current clients and potential customers of commercial banks.	3	No	The college of business will be offering a certificate in banking starting in Fall 2025. This certificate has the support of faculty and the local banking industry. This will be a required course for the banking certification. This course examines the fundamental concepts and hands-on techniques for selling financial services and products, with a special emphasis on applying these sales strategies specifically within the banking industry. It focuses on financial offerings unique to the banking industry and skills needed to sell these offerings to current clients and potential customers of commercial banks.
LARC 4344	LARC 4344: PARK AND RECREATION DESIGN AND PLANNING	https://nextcatalog.uta.edu/co/urpadmin/?key=34736	CAPP	ARCH	Added	cdonald	3/25/2025	History, data collection, program formulation, and design principles for public and private park and recreation systems and sites. Includes management objectives, operations and maintenance, and public input as planning components.	3	No	Create undergraduate course compatible with existing graduate course.
LARC 4382	LARC 4382: URBAN DESIGN SEMINAR	https://nextcatalog.uta.edu/co/urpadmin/?key=34737	CAPP	ARCH	Added	cdonald	3/25/2025	The seminar establishes a basic critical understanding, and a critique of urban design by reviewing its past, present and the future as an academic field and an area of practice. The seminar introduces urban design as a transdisciplinary specialization and professional endeavor that encompasses landscape architecture, architecture, city planning, and real estate to shape and influence the built environment primarily within urban context. Students actively present and lead informed discussions on topics such as urban form, urban landscapes, land-use patterns, population density, circulation, legibility, public art, environmental behavior and urban/rural interchange. Field trips are required.	3	No	Create undergraduate course compatible with existing graduate course.
LARC 4341	LARC 4341: LANDSCAPE TECHNOLOGY I	https://nextcatalog.uta.edu/co/urpadmin/?key=34738	CAPP	ARCH	Added	cdonald	3/25/2025	Surveying, site grading, storm water management, vertical and horizontal curves and an overview of the construction documentation process employed by landscape architects.	3	No	Create undergraduate course compatible with existing graduate course.
UIDES 2551	UIDES 2551: URBAN DESIGN STUDIO I: URBAN RESILIENCY	https://nextcatalog.uta.edu/co/urpadmin/?key=31283	CAPP	LARC	Edited	cdonald	2/28/2025	This studio focuses upon the planning and design for disaster recovery and the impact upon infrastructure caused by natural events such as earthquakes, flooding and tsunamis. The studio explores the latest and most reliable recovery strategies for rebuilding and repairing a city's human and ecological systems. Students document streets, waterways, transportation and landscape, examining issues of congestion, pollution, storm water management, and transportation access. Group design projects are based on both the scale of neighborhoods and regions.	5	No	Last year, course was moved from 3rd year into 2nd year of the program. Correcting course number to reflect placement in program sequence.
UIDES 3303	UIDES 3303: HISTORY OF URBAN DESIGN, FORM, AND INFRASTRUCTURE	https://nextcatalog.uta.edu/co/urpadmin/?key=31282	CAPP	LARC	Edited	cdonald	3/7/2025	This course examines the history of urban design, form and infrastructure in a variety of cities, providing students with an understanding of how decisions about design, form and infrastructure impact the lives of inhabitants.	3	No	Course better suited later in program. Changing course number to align with program sequence.
UIDES 1304	UIDES 1304: DIGITAL METHODS IN SUSTAINABLE URBAN DESIGN	https://nextcatalog.uta.edu/co/urpadmin/?key=31873	CAPP	LARC	Edited	cdonald	3/7/2025	This course introduces students to the use of digital tools with a focus on their applications in sustainable urban design. The course will cover a wide spectrum of digital art methodologies: image creation and manipulation; simple animation and sound design; static and moving images; digital fabrication outputs; utilizing both pixel and vector-based applications.	3	No	Course needed earlier in sequence. Changing course number to align with program sequence.
BE 4368	BE 4368: AN INTRODUCTION TO TISSUE ENGINEERING AND REGENERATIVE MEDICINE	https://nextcatalog.uta.edu/co/urpadmin/?key=29789	ENGR	BME	Edited	rockow	2/28/2025	This course introduces the fundamentals of scaffold-based tissue engineering techniques including cellular signaling, ECM bio-scaffolds, polymer scaffolds, cell-material interactions, soft and hard tissue wound healing, and nerve regeneration. Preferred background: satisfactory completion of BE 3380 (may be taken concurrently).	3	No	Rename of course title with revised course description
BE 3367	BE 3367: CELL CULTURE AND BIOMATERIAL LABORATORY	https://nextcatalog.uta.edu/co/urpadmin/?key=29791	ENGR	BME	Edited	rockow	2/28/2025	This course will cover common techniques used in cell culture including aseptic techniques, culture media preparation, cell culture/subculture, cell counting, cell freezing, as well as transfection techniques. The course will also include synthesis of biodegradable polymers; nanoparticles for drug delivery and study of the drug releasing profile. Preferred background: satisfactory completion of BE 3380 (may be taken concurrently).	3	No	Rename of course title with revised course description
BE 4372	BE 4372: DRUG DELIVERY SYSTEM	https://nextcatalog.uta.edu/co/urpadmin/?key=30477	ENGR	BME	Edited	rockow	2/28/2025	This class will introduce students to the concept of drug delivery systems that provide pharmaceutical agents at target tissues, the mechanism of pharmacokinetic regulation, the basics, technology, and applications of drug delivery systems. The emphasis is on understanding the principles of pharmacokinetics and drug delivery systems to improve clinical efficacy as well as to reduce side effects and on realizing the importance of the field, drug delivery. Preferred background: satisfactory completion of BE 3380.	3	No	Rename of course title with revised course description
BE 4318	BE 4318: MEDICAL DEVICE PROTOTYPING	https://nextcatalog.uta.edu/co/urpadmin/?key=31893	ENGR	BME	Edited	rockow	2/28/2025	The course will introduce the laboratory techniques commonly used for designing and prototyping medical devices and implants. The course will also cover the incorporation of tissue bioengineering scaffold into the medical implant design and explore the use of 3D printing technology for medical device prototyping. The design of medical devices and implants will be taught using SolidWorks, one of the most popularly used software for computer-aided 3D modeling.	3	No	Revised course description

BE 3280	BE 3280: INTRODUCTION TO MEDICAL DEVICE REGULATORY REQUIREMENTS & QUALITY STANDARDS	https://newstratalog.uta.edu/co/urreadmin/?key=34496	ENGR	BME	Added	rockow	2/28/2025	2	No	Add a new undergraduate course with 2 SCH to replace BE 3180 with 1 SCH
BE 3320	BE 3320: BIOMEDICAL SIGNAL ACQUISITION AND ANALYSIS	https://newstratalog.uta.edu/co/urreadmin/?key=5157	ENGR	BME	Edited	rockow	2/28/2025	3	No	Rename of course title with revised course description
BE 4331	BE 4331: BIOPOLYMERS AND BIOCOMPATIBILITY	https://newstratalog.uta.edu/co/urreadmin/?key=5168	ENGR	BME	Edited	rockow	2/28/2025	3	No	Revised course description
BE 4333	BE 4333: NANO BIOMATERIALS AND LIVING-SYSTEMS INTERACTION	https://newstratalog.uta.edu/co/urreadmin/?key=5169	ENGR	BME	Edited	rockow	2/28/2025	3	No	Revised course description
BE 4364	BE 4364: TISSUE ENGINEERING	https://newstratalog.uta.edu/co/urreadmin/?key=5192	ENGR	BME	Edited	rockow	2/28/2025	3	No	Rename of course title with revised course description
BE 4373	BE 4373: FORMULATION AND CHARACTERIZATION OF DRUG DELIVERY SYSTEMS	https://newstratalog.uta.edu/co/urreadmin/?key=5193	ENGR	BME	Edited	rockow	2/28/2025	3	No	Revised course description
CM 3313	CM 3313: CONSTRUCTION ESTIMATING I	https://newstratalog.uta.edu/co/urreadmin/?key=30206	ENGR	CE	Edited	thomps	3/7/2025	3	No	Update prerequisite
CM 3315	CM 3315: CONSTRUCTION LAW AND ETHICS	https://newstratalog.uta.edu/co/urreadmin/?key=30207	ENGR	CE	Edited	thomps	3/7/2025	3	No	Update prerequisite
AREN 4383	AREN 4383: SENIOR PROJECT	https://newstratalog.uta.edu/co/urreadmin/?key=30411	ENGR	CE	Edited	thomps	3/7/2025	3	No	Update prerequisite and course component
CM 3341	CM 3341: CONSTRUCTION DESIGN	https://newstratalog.uta.edu/co/urreadmin/?key=30765	ENGR	CE	Edited	thomps	3/7/2025	3	No	Update prerequisite
AREN 1205	AREN 1205: INTRODUCTION TO ARCHITECTURAL ENGINEERING	https://newstratalog.uta.edu/co/urreadmin/?key=31004	ENGR	CE	Edited	thomps	3/7/2025	2	No	Update course component
AREN 3346	AREN 3346: ELECTRICAL SYSTEMS & LIGHTING FOR ARCHITECTURAL ENGINEERS	https://newstratalog.uta.edu/co/urreadmin/?key=31147	ENGR	CE	Edited	thomps	3/7/2025	3	No	Update course number
AREN 2213	AREN 2213: BUILDING SCIENCE	https://newstratalog.uta.edu/co/urreadmin/?key=31156	ENGR	CE	Edited	thomps	3/7/2025	2	No	Update course title and course number
AREN 4314	AREN 4314: TECHNOLOGIES FOR HIGH PERFORMANCE BUILDINGS	https://newstratalog.uta.edu/co/urreadmin/?key=31791	ENGR	CE	Edited	thomps	3/7/2025	3	No	Update course title, course description, and prerequisite
CE 4363	CE 4363: FUNDAMENTALS OF PRESTRESSED CONCRETE	https://newstratalog.uta.edu/co/urreadmin/?key=33966	ENGR	CE	Edited	thomps	3/7/2025	3	No	Update course description

CE 4309	CE 4309: ADVANCED MATERIALS MECHANICAL TESTING AND CHARACTERIZATION	https://newstratablog.uta.edu/ce/ursecadmin/?key=34708	ENGR	CE	Added	(thomps)	3/7/2025	Providing comprehensive understanding of the mechanical property characterization of advanced materials and composites, this course is intended for senior undergraduate and graduate students who want to improve their knowledge in new applications of materials in engineering concepts. Topics include the study and examination of the principles, procedures, and applications of experimental methods for characterizing the deformation and failure behavior of materials at the nano-, micro- and macro- scale. The course consists of lectures and lab sessions. Lectures will focus on an in-depth analysis of the failure of advanced materials with linear/elastic and non-linear behavior; e.g., concrete, engineering metals and alloys, polymers, and advanced ceramics. Laboratory sessions provide hands-on experience on advanced methods for tensile, compression, bending, torsion, multiaxial, indentation. Fracture, fatigue, creep, high strain rate and nondestructive testing and evaluation using standards/codes. The course features special sessions focusing on the unique aspects associated with the mechanical property characterization and simulation of advanced composite and nanocomposite materials.	3	No	New Technical Elective
CE 4310	CE 4310: CIVIL ENGINEERING INFORMATICS	https://newstratablog.uta.edu/ce/ursecadmin/?key=34709	ENGR	CE	Added	(thomps)	3/7/2025	The course introduces students to computer tools, software systems, and AI/machine learning models for collection, analysis, visualization, and interpretation of civil engineering (CE) data. Students will learn Python programming, and importantly their use in cloud computing systems using state of the science, industry standard platforms from Microsoft and Google. Students will explore wide-ranging data from all CE disciplines. Topics will generally include: (i) creating automated workflows for collecting data from public sources, (ii) working with databases, (iii) understanding data and metadata file formats and standards, (iv) statistical analysis, (v) time-series and spatial analysis, (vi) integration of various data, (vii) basic machine learning models, (viii) interactive data visualizations, and (ix) running programs and tools in cloud computing systems.	3	No	New Technical Elective
CE 4318	CE 4318: MACHINE LEARNING IN CIVIL ENGINEERING	https://newstratablog.uta.edu/ce/ursecadmin/?key=34710	ENGR	CE	Added	(thomps)	3/7/2025	Machine learning is transforming the way we approach problems across all fields of civil and environmental engineering. This course is designed for students across various concentrations to offer a broad perspective on how data science and machine learning can reshape the future of Civil and Environmental engineering. You will learn how machine learning techniques can be applied to analyze and improve a wide range of engineering systems—from smart buildings and geotechnical infrastructure to water resources and transportation networks. Whether working with big data, such as GPS tracking data for traffic flow, satellite images for environmental monitoring, and IoT sensor data in buildings, or small data, such as soil properties for construction site assessment and water distribution system restoration after disasters, machine learning can uncover patterns and insights to improve efficiency, reliability, and resilience of the components or systems. Students will learn how to select and build models for regression, classification, and clustering, and apply them to tackle real-world challenges across various engineering disciplines. Through case studies and practical exercises in Python and Jupyter Notebooks, you will also gain valuable skills in exploratory data analysis, machine learning model construction and validation, and result visualization. Credit not granted for both CE 4318 and AREN 4318.	3	No	New Technical Elective
AREN 4318	AREN 4318: MACHINE LEARNING IN CIVIL ENGINEERING	https://newstratablog.uta.edu/ce/ursecadmin/?key=34711	ENGR	CE	Added	(thomps)	3/7/2025	Machine learning is transforming the way we approach problems across all fields of civil and environmental engineering. This course is designed for students across various concentrations to offer a broad perspective on how data science and machine learning can reshape the future of Civil and Environmental engineering. You will learn how machine learning techniques can be applied to analyze and improve a wide range of engineering systems—from smart buildings and geotechnical infrastructure to water resources and transportation networks. Whether working with big data, such as GPS tracking data for traffic flow, satellite images for environmental monitoring, and IoT sensor data in buildings, or small data, such as soil properties for construction site assessment and water distribution system restoration after disasters, machine learning can uncover patterns and insights to improve efficiency, reliability, and resilience of the components or systems. Students will learn how to select and build models for regression, classification, and clustering, and apply them to tackle real-world challenges across various engineering disciplines. Through case studies and practical exercises in Python and Jupyter Notebooks, you will also gain valuable skills in exploratory data analysis, machine learning model construction and validation, and result visualization. Credit not granted for both AREN 4318 and CE 4318.	3	No	New Senior Elective
AREN 4320	AREN 4320: SYSTEM RESILIENCE, RELIABILITY, & PERFORMANCE IN AREN	https://newstratablog.uta.edu/ce/ursecadmin/?key=34712	ENGR	CE	Added	(thomps)	3/7/2025	This course focuses on risk & reliability aspects of architectural engineering, applied to design & performance of various building systems. Students will explore probabilistic analysis and reliability-based design principles for hydraulic systems (storm drainage, water distribution, sewerage), HVAC systems (thermal loads, system reliability), electrical systems (load factors, redundancy), and structural systems (load combinations, vertical & lateral loads, performance expectations). Emphasis is placed on how uncertainty & variability are quantified in each system to ensure resilience, reliability, and performance.	3	No	New Senior Elective
AREN 3330	AREN 3330: APPLICATIONS OF BUILDING CODES IN ARCHITECTURE	https://newstratablog.uta.edu/ce/ursecadmin/?key=34716	ENGR	CE	Added	(thomps)	3/7/2025	An engineering-based approach to architecture, space planning, and occupant safety focused on the technical aspects associated to engineering an architectural space per the International Building Code. Topics include are: occupant load calculations and sizing of facilities, space programming aspects (room sizing and window sizing), acoustic, noise control, & thermal considerations in space planning, circulation aspects (vertical and horizontal circulations and ADA, elevator specification and stair design), fire safety aspects (emergency egress, fire resistance of the structure & building envelope/enclosures, suppression, detection and alarm, smoke control, first responder considerations), considerations in engineering architectural finishes (smoke development, flame spread, indoor air quality & volatile organic compounds).	3	No	New Required 3000 level course, replacing ARCH 2341
AREN 2321	AREN 2321: BUILDINGS AND THE ENVIRONMENT	https://newstratablog.uta.edu/ce/ursecadmin/?key=34717	ENGR	CE	Added	(thomps)	3/7/2025	A general engineering course on geological materials and processes that interact with the built environment and are critical to architectural engineering including: 1) mineral and rock formation processes; rock mechanics and deformation, weathering, erosion and soils; soil hazards, land subsidence and mass movements; groundwater geology; 2) interactions between plate tectonics, atmosphere, oceans, and human built environment; 3) Nature and variability of weather and climate, including wind, temperature, clouds and precipitation, droughts, and flooding. Storm systems, fronts, thunderstorms, tornadoes, hurricanes. Relevant topics toward the interactions between buildings and the natural environment are included.	3	No	New required course, replacing ARCH 3336

AREN 3315	AREN 3315: BUILDING HYDRAULIC SERVICE SYSTEMS	https://newstratalog.uta.edu/co/ursadmin/?key=34718	ENGR	CE	Added	thomps	3/7/2025	This course takes a system-based approach to the analysis and design of hydraulic building systems, ensuring they meet the operational requirements of architectural spaces in compliance with the International Building Code. Topics include: 1) stormwater management & collection system design, 2) sewage management & sanitary plumbing system design, 3) domestic water distribution (cold & hot water systems and water heating system design), 4) gas distribution system design, 5) fire suppression & firefighting water distribution systems, 6) design of retention tanks, clear water storage, fire safety tanks, sump tanks, and temporary detention systems during construction.	3	No	New required course, replacing ARCH 3551
AREN 2312	AREN 2312: STATICS & DYNAMICS FOR AREN	https://newstratalog.uta.edu/co/ursadmin/?key=34719	ENGR	CE	Added	thomps	3/7/2025	Principles of forces and force systems, resultants and components of force systems, forces due to friction, condition of equilibrium, forces acting on members of trusses and frame structures, centroids and moments of inertia, review of kinematics and kinetics of particle motion, and two-dimensional motion of rigid bodies.	3	No	New required course, replacing AREN 2311
AREN 4316	AREN 4316: BUILDING STRUCTURAL SYSTEMS	https://newstratalog.uta.edu/co/ursadmin/?key=34720	ENGR	CE	Added	thomps	3/7/2025	Structural system-based approach to analysis & design of steel building structural systems under gravity and lateral loads per American Institute of Steel Construction (AISC 360 & AISC 341 & AISC 338) & American Society of Civil Engineering (ASCE 7) criteria including: 1) Ordinary Concentrically Braced Frames & Tension Elements, 2) Special Concentrically Braced Frames & Compression Elements, 3) Ordinary/Intermediate Moment Frames & Bending Elements, 4) Truss Moment Frames, 5) Eccentrically Braced Frames & Shear Elements, 6) Special Moment Frames & Axial/Moment Interaction, 7) Floor Systems (Diaphragm and Composite Action), 8) Foundations Systems and Integration of Steel Elements with RC Foundation Elements.	3	No	New required course, replacing AREN 4348
CM 4334	CM 4334: DRONES & ADVANCED CONSTRUCTION TECHNOLOGY	https://newstratalog.uta.edu/co/ursadmin/?key=34721	ENGR	CE	Added	thomps	3/7/2025	A practical course for technologies and their applications used on construction job sites. Topics include drones (also known as sUAS, or small unmanned aircraft systems), robotics, extended reality, artificial intelligence, blockchain, wearables, etc. Practical sessions are included to train students to operate drones for various construction applications.	3	No	New Senior Elective
AREN 1152	AREN 1152: INTRODUCTION TO CONSTRUCTION DRAFTING	https://newstratalog.uta.edu/co/ursadmin/?key=34726	ENGR	CE	Added	thomps	3/25/2025	This course will introduce students to basic concepts of construction drafting including an introduction to orthographic drawings (plans, sections, elevations), principles of scale, line weight, drawing types and drawing conventions. The course introduces students to 2-dimensional Computer Aided Design tools which they use to produce the construction drawings.	1	No	I previously submitted this as a change to AREN 2252, however, since we are changing the number of credit hours, Martha sent it back stating it needed to be added as a new course number.
EE 3317	EE 3317: LINEAR SYSTEMS	https://newstratalog.uta.edu/co/ursadmin/?key=31175	ENGR	EE	Edited	vizesun	3/7/2025	For non-electrical engineering majors. Time-domain transient analysis, convolution, Fourier Series and Transforms, Laplace Transforms and application, transfer functions, signal flow diagrams, block plots, stability criteria, and sampling.	3	No	Prerequisites change to align with the current math requirements for the REE program.
EE 4375	EE 4375: INTRODUCTION TO POWER ELECTRONICS	https://newstratalog.uta.edu/co/ursadmin/?key=30262	ENGR	EE	Edited	vizesun	3/7/2025	This course discusses conceptualization, design, and analysis of power electronics components, circuits, and systems. It discusses different classes of switching converters, including dc-dc converters, ac-dc rectifiers, dc-ac inverters, and ac-ac converters.	3	No	Course description needs to be in sync with the course content described in the course syllabus.
REE 4390	REE 4390: SPECIAL TOPICS IN ENERGY ENGINEERING	https://newstratalog.uta.edu/co/ursadmin/?key=31707	ENGR	EE	Added	wallisk	3/7/2025	Special topics pertinent to the field of energy engineering. May be repeated, provided that topics are different.	3	No	This course allows the newly created Resource & Energy Engineering program to offer special topics, research projects, or relevant industry experiences that are appropriate for awarding course credit.
REE 3302	REE 3302: SUSTAINABLE ENERGY SYSTEMS	https://newstratalog.uta.edu/co/ursadmin/?key=31568	ENGR	EE	Edited	wallisk	3/25/2025	This course presents the production and consumption of energy from a systems perspective. Sustainability is examined by studying global and regional environmental impacts, economics, energy efficiency, consumption patterns and energy policy. First, the physics of energy and energy accounting methods are introduced. Next, the current energy system that encompasses resource extraction, conversion processes and end-uses are covered. Responses to current challenges such as declining fossil fuels and climate change are then explored.	3	No	Clarification of COE grade requirement of C or better in prerequisite coursework.
REE 2301	REE 2301: THERMAL ENGINEERING	https://newstratalog.uta.edu/co/ursadmin/?key=31569	ENGR	EE	Edited	wallisk	3/25/2025	Basic concepts and definitions, properties of pure substances, work and heat, first law of thermodynamics, second law of thermodynamics, entropy, and introduction to conductive, convective, and radiative transfer.	3	No	Clarification of COE grade requirement of C or better in prerequisite coursework.
REE 3301	REE 3301: PRINCIPLES OF ENERGY ENGINEERING	https://newstratalog.uta.edu/co/ursadmin/?key=311570	ENGR	EE	Edited	wallisk	3/25/2025	Design of energy systems including generation, delivery, conversion and efficiency. Topics include efficiencies of both new and established energy generation and conversion methods; electricity generation by fossil fuels, nuclear, solar, wind and hydropower; and alternative energy technologies. Energy systems are evaluated quantitatively by modeling and by introducing the principles of fluid mechanics, thermodynamics and heat transfer.	3	No	Clarification of COE grade requirement of C or better in prerequisite coursework.
REE 1306	REE 1306: THE CHEMISTRY OF FUELS	https://newstratalog.uta.edu/co/ursadmin/?key=31571	ENGR	EE	Edited	wallisk	3/25/2025	The course deals with formation of natural resources as well as formation of alternative fuels. The chemical composition and physical and chemical properties of the principal fossil hydrocarbons (coal, petroleum, natural gas), and their refining, upgrading, and conversion chemistry will be explored. The chemistry of different types of fuel cells and the use of hydrogen as a fuel will be investigated, including advantages and disadvantages of alternative technologies. The lab component covers fuel production processes and analytical methods for assessing fuel properties.	3	No	Clarification of COE grade requirement of C or better in prerequisite coursework.
REE 3303	REE 3303: PETROLEUM & GAS ENGINEERING	https://newstratalog.uta.edu/co/ursadmin/?key=31572	ENGR	EE	Edited	wallisk	3/25/2025	The course provides the student with a basic knowledge and understanding of the oil and gas engineering and industry, including its history, technical aspects, business model, and impact on society and the environment. The primary emphasis is on operations in exploration, production, transportation, refining, and marketing. At the end of the course, the student should be able to speak in a general way on all aspects of the industry and be familiar with common industry terminology.	3	No	Clarification of COE grade requirement of C or better in prerequisite coursework.
REE 4301	REE 4301: ENERGY SYSTEMS MODELING	https://newstratalog.uta.edu/co/ursadmin/?key=31573	ENGR	EE	Edited	wallisk	3/25/2025	Many of the most pressing energy challenges of our time transcend traditional disciplinary boundaries and necessitate the use of systems models to analyze possible solutions. This course will show how methodological approaches can be applied to construct such energy systems models. Particular emphasis will be devoted to models that combine concepts from engineering, economics, natural sciences, and policy. The featured models will showcase a broad range of methodological approaches, such as optimization, simulation, machine learning, decision analysis, stochastic processes, and dynamical systems. More generally, the course will train students to build mathematical models that represent complex real-world energy system problems. Topics include basics of energy systems engineering, concepts in probability and statistics, spatial representation (e.g. GIS), and more. Recommended background knowledge in data analytics.	3	No	Course description previously suggested heavy focus on stochastic methods, particularly Monte Carlo. New description changes focus to optimization. Course should bring together all of the components taught in other classes into a single model and teach how to optimize adjustable parameters to maximize an objective function. It is specific to energy, but general so it could apply to an oil well, a solar farm, a fuel pipeline, a biofuel plant, an energy storage facility, etc. Remove EE 3317 Linear Systems - not relevant to course. Prerequisite change: Add REE 3301 Principles of Energy Engineering - students will be strongly encouraged to take all 3000 level courses because it will be difficult to model them without understanding them. REE 3301 provides basis of energy engineering necessary to model these systems. Add recommended knowledge of data analytics - this will be helpful knowledge but it is not necessary to require REE 3310 Data Analytics and Visualization before taking this course. Clarification of COE grade requirement of C or better in prerequisite coursework. Prerequisite change. The changes better reflect the course material to be presented and the prerequisite skills that students need to be successful in the course and in this field.

REE 4305	REE 4305: ENERGY GOVERNANCE	https://nextcatalog.uta.edu/co/urseadmin/?key=31574	ENGR	EE	Edited	waliski	3/25/2025		Introduces contemporary energy markets, government policies, and regulations. Explores energy as a strategic resource influenced by economics, market conditions and environmental constraints. Explores the relationship between nonrenewable and renewable energy sources and how different regions adapt and address local needs and concerns. Evaluates the impact of government policies on energy usage and alternative energy development efforts.	3	No	Clarification of COE grade requirement of C or better in prerequisite coursework.	
REE 4302	REE 4302: SMART GRID	https://nextcatalog.uta.edu/co/urseadmin/?key=31575	ENGR	EE	Edited	waliski	3/25/2025		Fundamentals of smart electric power grid including definition, design criteria, and technology. Application of data collection, processing, and communications to the power grid. Seeks to motivate development of the smart grid, evaluating options for adding sensing, communications, computation, intelligence, control, and automation to various parts of the electric system. Topics include automation in existing power systems; generation, transmission; distribution; and smart grid definition.	3	No	Correction to prerequisite courses to ensure adequate student preparation for this 4000-level course. Clarification of COE grade requirement of C or better in prerequisite coursework.	
REE 3310	REE 3310: DATA ANALYTICS AND VISUALIZATION FOR ENERGY SYSTEMS	https://nextcatalog.uta.edu/co/urseadmin/?key=31815	ENGR	EE	Edited	waliski	3/25/2025		This course focuses on the applications of data science for energy systems operations and control. Fundamental elements of data storytelling are explored to analyze energy data. These elements include data curation, dataset cleaning and manipulation, and data visualization as a tool for identifying qualities necessary to answer questions. Students will learn to ask questions of data, to draw insights from data and use them to solve problems, and to create and present visualizations that effectively communicate data-driven findings and decisions.	3	No	Clarification of COE grade requirement of C or better in prerequisite coursework.	
UNIV-EN 1131	UNIV-EN 1131: STUDENT SUCCESS	https://nextcatalog.uta.edu/co/urseadmin/?key=550	ENGR	ENGR	Edited	blend	2/28/2025		A first-year seminar that introduces new students to academic and success skills to aid their transition into college. The goal of the course is to help students identify their individual needs, determine what resources are appropriate, recognize the faculty role in their development, and formulate a plan for an actively engaged and enriched experience from campus to career. Experiential learning opportunities will be discussed, including undergraduate research, leadership, international engagement, community engagement and career development. Students will understand how critical thinking and study skills can be applied to academic content, explore chosen majors and possible career pathways, and connect to activities and resources on campus.	1	No	Changes to the UNIV course and instruction model.	
IE 4325	IE 4325: AUTOMATION AND ROBOTICS FOR SERVICE AND MANUFACTURING SYSTEMS	https://nextcatalog.uta.edu/co/urseadmin/?key=1244	ENGR	IE	Edited	boardman	2/28/2025		Study of the use of industrial automation and robotics technologies in service and manufacturing systems. The course introduces the major classes of industrial automation. Issues associated with the successful employment of automation to support manufacturing and service system requirements. Laboratory exercises focus on a practical introduction to various automation technologies.	3	No	Change in title and description to reflect change in course topic areas.	Course has not been taught in over five years.
IE 3312	IE 3312: ECONOMICS FOR ENGINEERS	https://nextcatalog.uta.edu/co/urseadmin/?key=1118	ENGR	IE	Deleted	boardman	2/28/2025		Tools and methods used for determining the comparative financial desirability of engineering alternatives.	3	No		
IE 4344	IE 4344: HUMAN FACTORS ENGINEERING AND COMPLEX SYSTEMS	https://nextcatalog.uta.edu/co/urseadmin/?key=1120	ENGR	IE	Edited	boardman	2/28/2025		Study of the interactions between people and their work, workplace, and the environment. Involves identification, measurement, analysis, and evaluation of interactions via human physical and mental capacities and limitations, and social interactions.	3	No	Change in title only to better reflect course content.	
IE 4350	IE 4350: INDUSTRIAL AND SYSTEMS ENGINEERING CAPSTONE DESIGN	https://nextcatalog.uta.edu/co/urseadmin/?key=1129	ENGR	IE	Edited	boardman	2/28/2025		This course provides an open-ended design experience in which the student must demonstrate the ability to perform design, analysis, operation, and improvement of integrated systems that produce or supply products or services in an effective, efficient, sustainable and socially responsible manner. Contemporary project management techniques are utilized. The design experience project includes submission of several written and oral presentations culminating in a written project report and oral presentation at the end of the semester. IE 4350 is the capstone design course and draws on material from the total industrial and systems engineering curriculum. The impact of engineering design on society is discussed.	3	No	Course title and description being changed to include new focus area.	
IE 4322	IE 4322: SIMULATION OF COMPLEX SYSTEMS	https://nextcatalog.uta.edu/co/urseadmin/?key=1139	ENGR	IE	Edited	boardman	2/28/2025		The design and analysis of complex manufacturing and service systems using computer-based discrete event simulation techniques. Topics include an introduction to simulation methods, and the design, construction and analysis of discrete-event simulation models, as well as their computer applications. The course also covers the execution and management of simulation projects and the formal presentation of their findings.	3	No	Change of title only to better reflect course focus.	
IE 4340	IE 4340: ENGINEERING PROJECT MANAGEMENT	https://nextcatalog.uta.edu/co/urseadmin/?key=29981	ENGR	IE	Edited	boardman	2/28/2025		Introduces engineering project management concepts and tools needed to form, develop and manage cross-disciplinary engineering design teams. Topics include: project life cycle, organizational structures, risk analysis, stakeholder identification and management, requirements elicitation and analysis, scheduling, cost estimating, teams and work groups, and leading technical professionals.	3	No	Change in description to reflect updating of course content.	
IE 4351	IE 4351: SYSTEMS ENGINEERING	https://nextcatalog.uta.edu/co/urseadmin/?key=30131	ENGR	IE	Edited	boardman	2/28/2025		This course includes a survey of concepts, principles and processes required to engineer complex systems throughout the life-cycle from concept through disposal. Topics include systems thinking, technical and technical management processes, life cycle models, engineering ethics, sustainability, and model-based systems engineering. This course enables potential systems engineering certification.	3	No	Course is being overhauled as a new, earlier course is being introduced. This course will cover more advanced content than previously.	
IE 1110	IE 1110: FIRST SEMESTER INDUSTRIAL AND SYSTEMS ENGINEERING SEMINAR	https://nextcatalog.uta.edu/co/urseadmin/?key=31474	ENGR	IE	Edited	boardman	2/28/2025		This class focuses on creating a collaborative and inclusive environment for both freshmen and transfer students to the Industrial Engineering program at UTA. This course uses team building exercises, introduces faculty to students through presentations about their classes and research, and presents the curriculum within the "big picture" of how the courses fit together to prepare students for a successful career. This course is intended to provide students the opportunity to form productive study groups and to meet and interact with their professors.	1	No	Change in title only to better reflect course focus areas.	
IE 1104	IE 1104: INTRODUCTION TO ENGINEERING	https://nextcatalog.uta.edu/co/urseadmin/?key=30440	ENGR	IE	Deleted	boardman	2/28/2025		Introduction to basic engineering concepts. Students will become familiar with engineering and its many sub-fields, ethical responsibilities, creativity and design.	1	No		Course has not been taught in over five years.
IE 3351	IE 3351: FUNDAMENTALS OF SYSTEMS ENGINEERING	https://nextcatalog.uta.edu/co/urseadmin/?key=34695	ENGR	IE	Added	boardman	2/28/2025		This course includes a survey of concepts, principles, and processes required to engineer complex system throughout the life cycle. Topics include systems thinking, technical and technical management processes, life cycle models, engineering ethics, model-based systems engineering and sustainability.	3	No	New preprofessional course being introduced into the required curriculum to introduce all students to systems engineering earlier in the program.	
MAE 1105	MAE 1105: INTRODUCTION TO MECHANICAL AND AEROSPACE ENGINEERING	https://nextcatalog.uta.edu/co/urseadmin/?key=11485	ENGR	MAE	Deleted	nanom	2/28/2025		Introduction to basic engineering concepts. Opportunities are provided to develop skills in oral and written communication and department specific material. Case studies are presented and analyzed.	1	No		This course is no longer required in a degree plan and has not been taught since spring 2015.
MAE 3303	MAE 3303: COMPRESSIBLE FLOW	https://nextcatalog.uta.edu/co/urseadmin/?key=14396	ENGR	MAE	Edited	nanom	2/28/2025		Fundamental thermodynamic concepts of compressible flow, isentropic flow, normal and oblique shock waves; expansion waves; quasi-one dimensional flows within nozzles and diffusers, linearized compressible flow theory, the method of characteristics and supersonic nozzle design.	3	No	The course number of one of the prerequisites has been changed. This change is to update the course number in the prerequisite list.	
MAE 3316	MAE 3316: AEROSPACE STRUCTURAL DYNAMICS	https://nextcatalog.uta.edu/co/urseadmin/?key=1506	ENGR	MAE	Deleted	nanom	2/28/2025		Harmonic and periodic motion including both damped and undamped free and forced vibration. Single and multi-degree-of-freedom discrete systems. Vibration of continuous systems. Introduction of finite element method for structural dynamics.	3	No		This course has not been taught since Spring semester 2020. It was replaced in the BSAE degree plan with MAE 4314.

MAE 4351	MAE 4351: AEROSPACE VEHICLE DESIGN II	https://newstratalog.uta.edu/co/ursadmin/?key=1536	ENGR	MAE	Deleted	nancym	2/28/2025		Analysis, design, and synthesis of an aerospace system such as a complete flight vehicle, a propulsion system, a structural system, or a control system; market analysis, operating studies, mission specification, civil and military certification requirements; design process, methods and tools; configuration concept selection; integration of individual design disciplines (aerodynamics, performance, flight mechanics, structures, cost, systems, etc.). Also included will be economic, environmental, sustainability, manufacturability, safety, social and political considerations. Formal written and oral reports are required. Exit survey forms and exit essays must be submitted to complete the requirements of this course.	3	No	The course was replaced with MAE 4151 in the BSAE degree plan in 2018. The course was taught until Spring 2021 for students on earlier degree plans.
MAE 4386	MAE 4386: WIND & OCEAN CURRENT ENERGY HARVESTING FUNDAMENTALS	https://newstratalog.uta.edu/co/ursadmin/?key=29897	ENGR	MAE	Edited	nancym	3/28/2025		A broad senior/graduate first course in wind/wave/ocean current energy harvesting systems, focused on fundamentals, and serving as the basis for subsequent MAE specialized follow-on graduate course offerings focused on structures (conventional and composite), aero/hydro-mechanical response and control, and tailoring and smart material actuation, respectively, as well as for non-MAE, specialized graduate courses.	3	No	The course number of one of the prerequisites has been changed. This change is to update the course number in the prerequisite list.
MAE 3302	MAE 3302: INCOMPRESSIBLE AERODYNAMICS	https://newstratalog.uta.edu/co/ursadmin/?key=30693	ENGR	MAE	Edited	nancym	2/28/2025		Introduction to and application of the methods used to determine the low speed aerodynamic forces on aerodynamic components such as wings and airfoils. Topics include potential flow theory for lifting flows; airfoil and finite wing theory; panel and vortex-lattice methods.	3	No	The course number of one of the prerequisites has been changed. This change is to update the course number in the prerequisite list.
MAE 4392	MAE 4392: RESEARCH IN SPACE SYSTEMS	https://newstratalog.uta.edu/co/ursadmin/?key=34452	ENGR	MAE	Added	nancym	2/28/2025		Students engage in projects or study special topics of contemporary importance or of special interest outside the scope of the standard undergraduate curriculum. Interested students seek a faculty advisor in their area of special interest and together prepare a proposal for the work to be undertaken. Enrollment in and use of this course to satisfy requirements in the Space Systems Minor requires advance approval of the Space Systems Minor Program Coordinator.	3	No	This course is an elective option for the Minor in Space Systems.
MAE 3305	MAE 3305: SPACECRAFT SYSTEMS ENGINEERING	https://newstratalog.uta.edu/co/ursadmin/?key=34653	ENGR	MAE	Added	nancym	2/28/2025		Overview of the engineering and design of launch vehicles and spacecraft systems. Spacecraft subsystems including guidance, navigation, and control; attitude determination and control; propulsion; structures; power production and storage; thermal determination and control; communications; and command and data handling. Systems engineering models and their application to space mission development.	3	No	This course is an elective option for the Minor in Space Systems.
MAE 3307	MAE 3307: SPACECRAFT DYNAMICS AND CONTROL	https://newstratalog.uta.edu/co/ursadmin/?key=34654	ENGR	MAE	Added	nancym	2/28/2025		Fundamental principles and techniques of spacecraft rigid-body dynamics and control. Spacecraft attitude analysis using Euler angles and quaternions. Attitude disturbance torques, attitude determination methods, and basic concepts in feedback control, stability analysis, and hardware used in spacecraft attitude subsystem design. Modeling and simulation are key components in this course.	3	No	This course is required for the Minor in Space Systems.
MAE 3308	MAE 3308: SPACE ENVIRONMENT	https://newstratalog.uta.edu/co/ursadmin/?key=34655	ENGR	MAE	Added	nancym	2/28/2025		Introduction to the Sun-Earth relationship and its impact on space missions. Radiation, solar structure, the heliosphere, the solar corona, the solar wind, the interplanetary magnetic field, cosmic rays, the Earth-orbit space environment, and the upper atmosphere. The technological impacts of space storms, the perils of living in space, and the impact of space weather on space mission and spacecraft design decisions.	3	No	This course is required for the Minor in Space Systems.
MAE 4308	MAE 4308: SPACE MISSION CONCEPTUAL DESIGN	https://newstratalog.uta.edu/co/ursadmin/?key=34656	ENGR	MAE	Added	nancym	3/28/2025		Fundamental principles and methodologies used in space mission concept and feasibility evaluation. Mission objectives and constraints evaluation through modeling, simulation, trade studies, and research. Launch window and mission trajectory family generation. Mission operations planning, risk quantification, and risk mitigation strategies.	3	No	This course is an elective option for the Minor in Space Systems.
MAE 3304	MAE 3304: ASTRONAUTICS I	https://newstratalog.uta.edu/co/ursadmin/?key=1497	ENGR	MAE	Edited	nancym	3/7/2025		Introduction to astronautics, the solar system, and the two-body problem. Orbit shaping and orbit transfers. Patched conic approximations for interplanetary transfer. Introduction to the three-body problem and relative motion. Rigid spacecraft equation of motion. Active and passive attitude stabilization techniques for spacecraft.	3	No	Modify prerequisites to accommodate students in the Space Systems Minor. For Marsha PHYS 1443 or Student group AM0 for PHYS 1443 PHYS 1444 or Student group AM4 for PHYS 1444 MATH 2326 or Student group AM12 for MATH 2326 MATH 3330 or Student group AM10 for MATH 3330 or MATH 3319
MAE 1104	MAE 1104: INTRODUCTION TO ENGINEERING	https://newstratalog.uta.edu/co/ursadmin/?key=1511	ENGR	MAE	Deleted	nancym	3/7/2025		Introduction to basic engineering concepts. Students will become familiar with engineering and its many sub-fields, ethical responsibilities, creativity, and design.	1	No	This course is no longer required in a degree plan and has not been taught since spring 2015.
MAE 4287	MAE 4287: DESIGN PROJECT I	https://newstratalog.uta.edu/co/ursadmin/?key=1512	ENGR	MAE	Edited	nancym	3/7/2025		Team engineering approach to a design project that integrates engineering knowledge from several courses. Problem definition and creative synthesis of prospective design solutions. Engineering proposals, feasibility studies, trade-off studies, systems models and analysis, decision making, and engineering reports and presentations. Professionalism, ethics, and societal impact issues.	2	No	Update prerequisites to include the preparation required for successful capstone projects.
MAE 3301	MAE 3301: FLUID DYNAMICS	https://newstratalog.uta.edu/co/ursadmin/?key=4877	ENGR	MAE	Edited	nancym	3/7/2025		Introduction to Fluid Dynamics and low speed aerodynamics; fluid properties; dimensional analysis; conservation equations in integral and differential form; potential flow theory and viscous flow.	3	No	This course number better reflects the academic level of the course.
ART 4320	ART 4320: EXPERIMENTAL PHOTOGRAPHIC FORMS AND METHODS	https://newstratalog.uta.edu/co/ursadmin/?key=1664	LART	ART	Edited	shilton	2/28/2025		Students will explore different approaches to photography that emphasize photographs as objects and/or as projected imagery. Projects may include use of collage, appropriation, installation, found objects, and other techniques. Lectures and discussions will examine experimental uses of photography in historical and contemporary art. This course encourages students to use a variety of photographic processes (black & white, color, non-silver, computer imaging, etc.) with an emphasis on the development of a personal stance. Students will work on individual projects and present work in an environment of critical discussion. May be repeated for credit.	3	No	The course number for Alternative Process changed from ART 4344 to ART 3333 (effective fall 2024) but the course number was not updated in the prerequisites for this course.
ART 4359	ART 4359: ADVANCED PHOTOGRAPHY	https://newstratalog.uta.edu/co/ursadmin/?key=1689	LART	ART	Edited	shilton	2/28/2025		This course will direct students to an understanding of color photography as a contemporary art medium. Students will utilize various digital photographic techniques including color correction and digital printing. Color theory, use of color as an element in image making, and the psychology of color may be covered.	3	No	The class number for Alternative Process Photography was changed from 4344 to 3333, this is just an update to reflect that change.
ART 4360	ART 4360: COLOR PHOTOGRAPHY	https://newstratalog.uta.edu/co/ursadmin/?key=1690	LART	ART	Edited	shilton	2/28/2025		The theory and practice of studio photography. Students will master studio strobe lighting, large format film camera, and digital camera techniques.	3	No	Students are adequately prepared for these courses after completing ART 2360
ART 4363	ART 4363: STUDIO PHOTOGRAPHY	https://newstratalog.uta.edu/co/ursadmin/?key=1693	LART	ART	Edited	shilton	2/28/2025		This course concentrates on the conceptualization, development and execution of tableaux designed exclusively for the camera. Lectures, readings and presentations will cover view cameras, studio lighting, set design, scouting locations, using props, and working with models.	3	No	Students are adequately prepared for these courses after completing ART 2360
ART 4370	ART 4370: STAGED ENVIRONMENTS	https://newstratalog.uta.edu/co/ursadmin/?key=1697	LART	ART	Edited	shilton	2/28/2025		This course will inform students about how digital culture impacts worldwide. Students will learn how each aspect of the cultural diamond (producer, audience, content, and context) influences the creation, consumption, and interpretation of digital messages.	3	No	Digital media are essential parts of our lives and affects many aspects of our society. We found many students while being experienced digital media users, lack fundamental digital media literacy. This course aims to address this gap by introducing the cultural diamond framework to help student gain a better understanding of the production and consumption of digital media.
COMM 2313	COMM 2313: DIGITAL CULTURE AND MEDIA	https://newstratalog.uta.edu/co/ursadmin/?key=34670	LART	COMM	Added	cyvair	2/28/2025		Study of leadership and persuasion. Students will participate in the Communication Ambassador Program and represent the Department of Communication at on- and off-campus recruitment events. The course focuses on leadership growth, offering hands-on experience in public speaking, event planning and coordination, and digital communication.	3	No	Program promotion involves leadership, teamwork, marketing, persuasion, interpersonal and digital communication. By integrating lecture and hand-on projects in representing the department, this course provides a rich experiential learning context for Communication students to gain knowledge as well as practical experience in these various forms and aspects of communication.
COMM 4343	COMM 4343: COMMUNICATION AND LEADERSHIP AMBASSADORS	https://newstratalog.uta.edu/co/ursadmin/?key=34671	LART	COMM	Added	cyvair	2/28/2025			3	No	

HIST 1301	HIST 1301: HISTORY OF THE UNITED STATES TO 1865	https://netcatalog.uta.edu/co/uradmin/?key=2136	LART	HIST	Edited	breuer	2/28/2025	An introduction to the political, social, economic, and cultural history of the United States prior to 1865. This course is designed to help students understand and evaluate their society, comprehend the historical experience, and further develop reading and writing competencies and critical skills.			3	Yes	We have been asked to waive this requirement nearly every semester since it becomes a choke point for first semester freshmen, due to a mismatch in seats available in this course and ENG 1301. The Department of History and Geography also scaffolds writing skills into these courses and has an in-house History Tutoring Center to also help our students learn historical, analytical writing skills. We also do not have this pre-req on our newer US history core options (HIST 1331/1332).	
HIST 1302	HIST 1302: HISTORY OF THE UNITED STATES, 1865 TO PRESENT	https://netcatalog.uta.edu/co/uradmin/?key=2137	LART	HIST	Edited	breuer	2/28/2025	An introduction to the political, social, economic, and cultural history of the United States since 1865. This course is designed to help students understand and evaluate their society, comprehend the historical experience, and further develop reading and writing competencies and critical skills.			3	Yes	We have been asked to waive this requirement nearly every semester since it becomes a choke point for first semester freshmen, due to a mismatch in seats available in this course and ENG 1301. The Department of History and Geography also scaffolds writing skills into these courses and has an in-house History Tutoring Center to also help our students learn historical, analytical writing skills. We also do not have this pre-req on our newer US history core options (HIST 1331/1332).	
HIST 3308	HIST 3308- HISTORY OF MADNESS	https://netcatalog.uta.edu/co/uradmin/?key=31886	LART	HIST	Edited	rose14	3/25/2025	Examines insanity in its social and historical contexts through the prism of class, race, gender, and disability from the birth of the asylum in the eighteenth century to contemporary debates about depression and psychopharmacology. Focuses on madness and psychiatry in the Global North, with comparisons to the Global South.			3	No	The current course content doesn't meet Disability Studies criteria for a core DS course.	
POLS 4395	POLS 4395: CONFERENCE COURSE READINGS IN POLITICAL SCIENCE	https://netcatalog.uta.edu/co/uradmin/?key=2068	LART	POLS	Edited	sandwalk	2/28/2025	Designed for the advanced undergraduate student who is capable of independent study. An in-depth examination of one area of political science not necessarily covered in regular course work. May be repeated for credit when the subject matter varies, but only with permission of the department. Only two such courses will be counted on a student's degree plan.			3	No	This course was mistakenly listed as a special topics course.	
KINE 3312	KINE 3312: SPORTS LEADERSHIP AND COACHING	https://netcatalog.uta.edu/co/uradmin/?key=34148	NURS	KINE	Edited	abuvilla	3/7/2025	This course will provide students with theoretical concepts and principles to design, lead, and manage sport programs. The instructor will use expertise from given sports and aviation games to help students learn and apply coaching strategies and leadership principles in a collaborative community sport program.			3	No	Domain of the Texas PE EC-12 Certification exam is related to Movement Knowledge and Skills. Currently, PETE Candidates struggle with this domain during their clearance exams and their official licensing attempts. This course focuses on this content. However, it has not been a requirement for program completion; just an elective. To better prepare Candidates for their licensing exam, it is believed this course should be a required program component to introduce and insure all Candidates have had access to the Domain I Movement Knowledge and Skills related to invasion sports/activities prior to attempting the exam.	
KINE 3313	KINE 3313: COACHING OF NET/WALL GAME PRINCIPLES	https://netcatalog.uta.edu/co/uradmin/?key=3164	NURS	KINE	Edited	abuvilla	3/7/2025	The course will provide students with theoretical concepts with which they can design and analyze various short and long-term plans related to net/wall games. Students will learn various tactical strategies and modification principles for applying learned concepts in instructional settings. The instructor will use expertise from given sports to help students transfer the common themes across the spectrum of net/wall games.			3	No	Domain of the Texas PE EC-12 Certification exam is related to Movement Knowledge and Skills. Currently, PETE Candidates struggle with this domain during their clearance exams and their official licensing attempts. This course focuses on this content. However, it has not been a requirement for program completion; just an elective. To better prepare Candidates for their licensing exam, it is believed this course should be a required program component to introduce and insure all Candidates have had access to the Domain I Movement Knowledge and Skills related to Net/Wall sports/activities prior to attempting the exam.	
KINE 3401	KINE 3401: BIOMECHANICS OF HUMAN MOVEMENT	https://netcatalog.uta.edu/co/uradmin/?key=30566	NURS	KINE	Edited	taylorje	3/25/2025	Quantitative and qualitative analyses of human movement. Emphasis is on the application of the principles of human movement, with consideration of functional anatomy, kinesiology and mechanical concepts to exercise, sport, and activities of daily living. Course credit may not be granted for both KINE 3301 and KINE 3401.			4	No	MATH 1402 is equivalent to MATH 1302 with additional lab. Updating to add as prerequisite so that students can enroll as most of them take 1402.	
KINE 3415	KINE 3415: PHYSIOLOGY OF EXERCISE	https://netcatalog.uta.edu/co/uradmin/?key=30668	NURS	KINE	Edited	taylorje	3/25/2025	Provides the physiology background necessary for an understanding of the acute and chronic effects of exercise on the body. Physiological concepts and their relationship to exercise, sport, and health programs are examined. Laboratory experiences are designed for evaluating physiological responses to exercise. Course credit may not be granted for both KINE 3315 and KINE 3415.			4	No	MATH 1402 is equivalent to MATH 1302 with additional lab. Updating to add as prerequisite so that students can enroll as most of them take 1402.	
KINE 3325	KINE 3325: UNDERGRADUATE RESEARCH METHODS	https://netcatalog.uta.edu/co/uradmin/?key=7513	NURS	KINE	Edited	taylorje	3/25/2025	Current practices in the conduct of quantitative research, measurement, and evaluation processes applied to programs related to exercise science, pedagogical kinesiology, athletic training and related fields will be examined. Enrolled students will develop and conduct a research project based on their declared discipline.			3	No	MATH 1402 is equivalent to MATH 1302 with additional lab. Updating to add as prerequisite so that students can enroll as most of them take 1402.	
KINE 4307	KINE 4307: OVERVIEW OF MEDICINE	https://netcatalog.uta.edu/co/uradmin/?key=34536	NURS	KINE	Added	brothersn	3/26/2025	This course is designed to provide undergraduate students an overview of the basic, preclinical, and clinical sciences, emphasizing the main principles and logic of medicine, how doctors think, and how the healthcare system works. Specific topics covered include an introduction to Medicine, Embryology & Principles of Anatomy, General & Systems Physiology, Molecular Biology & Biochemistry, Neuroscience, Microbiology & Immunology, Pathology, Pharmacology, Epidemiology & Public Health, Internal Medicine specialties (Cardiology, Pulmonology, Nephrology, Gastroenterology, Infectious Diseases, Endocrinology, Rheumatology, Hematology / Oncology), Neurology, Pediatrics, Obstetrics & Gynecology, Surgery, Anesthesiology, Surgical Subspecialties (Cardiovascular Surgery, Orthopedic Surgery, Ophthalmology, Otorhinolaryngology, Dermatology, Urology, Neurosurgery), Psychiatry, Radiology and Radiation Oncology. Importantly, it spans both the scientific and humanistic aspects of medicine, referencing the visual arts, music, film, and other forms of art to highlight key points. Though primarily designed for students aiming for a career in the health professions, it should appeal to anyone curious about how health and medicine works.			3	No	This course is designed to provide undergraduate students an overview of the basic, preclinical, and clinical sciences, emphasizing the main principles and logic of medicine, how doctors think, and how the healthcare system works. This course will be relevant for many of our students who are interested in postgraduate education and careers in Medicine / Allied Health Professions.	
BIOL 3300	BIOL 3300: BIostatISTICS	https://netcatalog.uta.edu/co/uradmin/?key=3350	SCI	BIOL	Edited	alexif	3/7/2025	Introduction to the collection, description, and analysis of data with statistical methods appropriate for biological sciences. Specific topics covered include but are not limited to: descriptive statistics, frequency distributions, random sampling, probability, binomial distribution, normal distribution theory and calculations, confidence intervals, t-tests (independent sample and paired designs), Chi-square tests (one-way and two-way analysis), analysis of variance, correlation and linear regression.			3	No	we are making this class a 3000 number to better match the level of difficulty, as this is a higher level math based course.	

GEOL 3305	GEOL 3305: METEOROLOGY AND CLIMATOLOGY	https://nextcatalog.uta.edu/ursecadmin/?key=34725	SCIE	GEOL	Added	awinguth	3/7/2025	A quantitative approach to the study of the structure, energy, and motions of the atmosphere.	3	No	Request to change GEOL 4405 to GEOL 3305 to 3 credits to better fit EES, COS, and CE curriculum needs. Required credit change for the proposed Atmospheric and Oceanic minor. Course number needed to change to 3050 level since GEOL 4305 was already taken and this fits also better curriculum needs.	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and
ENVR 3100	ENVR 3100: ENVIRONMENTAL SCIENCE PROFESSIONAL ORIENTATION	https://nextcatalog.uta.edu/ursecadmin/?key=34742	SCIE	GEOL	Added	awinguth	3/25/2025	Review of various careers in environmental science, and how to prepare a resume, network, and interview. Principles to follow for on-the-job success. Class will involve field trips and work force guest lectures.	1	No	Class needed for Gainful Employment Strategic Plan. This class has been adapted from GEOL3100.	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and
GEOL 4405	GEOL 4405: METEOROLOGY AND CLIMATOLOGY	https://nextcatalog.uta.edu/ursecadmin/?key=3619	SCIE	GEOL	Edited	awinguth	3/25/2025	A quantitative approach to the study of the structure, energy, and motions of the atmosphere.	4	No	Course will be replaced with GEOL3305. This course should be deleted when GEOL4405 is approved	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and
DATA 4380	DATA 4380: DATA PROBLEMS	https://nextcatalog.uta.edu/ursecadmin/?key=30810	SCIE	SCIE	Edited	hammk	3/25/2025	This course equips Data Science students with the skills to identify, define, and explore various data science challenges. Students will engage with practical projects and expert guidance throughout the course, preparing them for the capstone project. This course includes advanced data handling, machine learning algorithms, model evaluation, and ethical considerations in data science, culminating in real-world project presentations.	3	No	The course still has many of the same components, but the description has changed slightly to reflect the fact that this course is now concurrent with DATA 4383, the first capstone course.	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and
DATA 4381	DATA 4381: DATA CAPSTONE PROJECT I	https://nextcatalog.uta.edu/ursecadmin/?key=30811	SCIE	SCIE	Edited	hammk	3/25/2025	This is the first of a two-semester sequence that will involve deep engagement in a team or individual project in Data Science. Presentation of written and oral reports will be required.	3	No	Shifting 4380 to corequisite rather than prerequisite to alleviate a student progress issue. Capstone prep material has been shifted from 4380 to 4381, so a corequisite is appropriate.	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and
SOCW 4551	SOCW 4551: SOCIAL WORK PRACTICUM INSTRUCTION I	https://nextcatalog.uta.edu/ursecadmin/?key=30162	SOCW	SOCW	Edited	hurterde	3/28/2025	Students will complete a minimum of 200 clock hours in a supervised practicum. Students will gain social work experience in an agency that will integrate generalist social work practice concepts into professional social work experience. Students will follow the NASW Code of Ethics and work with an anti-oppressive lens while in their practicum. For additional information and requirements, see the field website.	5	No	Update course title to meet with industry norms.	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and
SOCW 4552	SOCW 4552: SOCIAL WORK PRACTICUM INSTRUCTION II	https://nextcatalog.uta.edu/ursecadmin/?key=30163	SOCW	SOCW	Edited	hurterde	3/28/2025	Students will complete a minimum of 200 clock hours in a supervised practicum. Students will gain social work experience in an agency that will integrate generalist social work practice concepts into professional social work experience. Students will follow the NASW Code of Ethics and work with an anti-oppressive lens while in their practicum. For additional information and requirements, see the field website.	5	No	Update course title to meet with industry norms.	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and
SOCW 4555	SOCW 4555: SOCIAL WORK PRACTICUM INSTRUCTION BLOCK PART 1	https://nextcatalog.uta.edu/ursecadmin/?key=30819	SOCW	SOCW	Edited	hurterde	3/28/2025	Students will complete a minimum of 400 clock hours in a supervised practicum. Students will gain social work experience in an agency that will integrate generalist social work practice concepts into professional social work experience. Students will follow the NASW Code of Ethics and work with an anti-oppressive lens while in their practicum. For additional information and requirements, see the field website.	5	No	Update course title to meet with industry norms.	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and
SOCW 4556	SOCW 4556: SOCIAL WORK PRACTICUM INSTRUCTION BLOCK PART 2	https://nextcatalog.uta.edu/ursecadmin/?key=30817	SOCW	SOCW	Edited	hurterde	3/28/2025	Students will complete a minimum of 400 clock hours in a supervised practicum. Students will gain social work experience in an agency that will integrate generalist social work practice concepts into professional social work experience. Students will follow the NASW Code of Ethics and work with an anti-oppressive lens while in their practicum. For additional information and requirements, see the field website.	5	No	Update course title to meet with industry norms.	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and
SOCW 2302	SOCW 2302: HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT	https://nextcatalog.uta.edu/ursecadmin/?key=30603	SOCW	SOCW	Edited	hurterde	3/25/2025	Exploration of behavioral and social science knowledge of human behavior and development of diverse persons throughout the life course. Examines major systems in society: individual, group, family, and community, and the diversity of ethnicity, race, class, sexual orientation, and culture. This course is required for Social Work Practicum Instruction and Seminar (SOCW 4651). This course satisfies the University of Texas at Arlington core curriculum requirement in Social and Behavioral Sciences. For students seeking the BSW major who are Field of Study Completes in Social Work, this course is not required.	3	Yes	Combining SOCW 2302 Life Span Development & Human Behavior and SOCW 3301 Theories of Human Behavior courses to meet our traditional year in the MSW program. In addition, when students transfer courses in, they would have to take another course due to the separation of courses.	<p>Students will be familiar with the key terminology pertaining to weather and climate and will have a well-rounded understanding of the major weather events (e.g. hurricanes) as well as complex interactions of the atmosphere with the various components of the climate system, for example ocean and land. Students will be able to:</p> <ol style="list-style-type: none"> Identify methods suitable to weather and climate monitoring (remote sensing, radar, ground-based monitoring). Understand the feedbacks between atmospheric processes and processes in other components of the Earth's climate system (hydrosphere, terrestrial biosphere, cryosphere, and geosphere). Explain the theory of thermal structure of the atmosphere based on the first and second law of thermodynamics including humidity, and vapor pressure saturation. Quantify the radiative transfer and energy balance throughout the atmosphere. Understand major chemical processes and interactions in the atmosphere and quantify causes of pollution. Summarize the major cloud physical properties of the atmosphere like condensation, warm and cold clouds processes, and snow, hail, and fog. Understand the principal dynamics of the atmospheric circulation system as described by balancing forces of momentum, conservation of heat, and mass (primitive equation) and that explains flow in the atmosphere. Describe the principals involved in the development of frontal systems, supercell storms, and tornadoes. Evaluate the development of a tropical storm (hurricane) and its threat/risk to the southeast U.S. coast. Understand major processes in atmospheric boundary layer such as different forms of turbulence, interaction between the surface and overlying air that play a key role to for the urban heat island, severe drought, lake effect snow, and land-sea breeze. Explain the cause and impact of large-scale climate variations like El Niño. Understand weather and climate forecasting, and data assimilation techniques. Identify major factors leading to climate change and



UNIVERSITY OF
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University Core Curriculum Committee Summary

Date: Tuesday, 8-April 2025
To: Undergraduate Assembly
From: Tom Ingram, Core Curriculum Committee, Chair
Subject: Core Curriculum Committee Report

The University Core Curriculum Committee meet on Monday, 24-March 2025. The committee had a quorum of voting members.

Attendance:

Voting Members: Bonnie Boardman (ENGR), Kim Breuer (COLA), Shelly Christie (COLA), Megan Rogers (CONHI), Barbara Shipman (COS), Seiichiro Tanizaki (COS), Tom Ingram (UCC & CCC, Chair)
Ex-Officio: Dr. Mark Cooper and Dr. Rebecca Lewis

The CCC considered and discussed the Foundation Component Area Option of the University Core. The committee further considered three courses submitted for inclusion as a CORE Course. Courses were from CAPP (Landscape Architecture), COLA (Communication), and SOCW.

The CCC does not recommend to the UA approval of any of these courses as submitted, at this time. (details follow)

With respect,

Tom L Ingram, Core Curriculum Committee Chair

CCC New Business:

1. Foundation Component Area Option of the University Core.
 - 1.1. The CCC affirms that the Foundation Component Area Option (6 hours) may be filled by any approved Core Course.
 - 1.2. The specific requirement for 3 hours of Math in the Foundation Core Component Option (but listed in our catalog under Mathematics) has been removed.
2. Core Course Proposals
 - 2.1. CAPP - Landscape Architecture: UDES 1301 Introduction to Principles of Sustainable Urban Design
 - 2.2. COLA – Department of Communication: PREL 2338 Introduction to Public Relations
 - 2.3. SOCW- School of Social Work: SOCW 2325 Introduction to Statistics for Social Work and the Social Sciences
3. Details

Course Number	Course Name (Component Area)	Brief Summary Findings	Recommendation
CAPP - Landscape Architecture: UDES1301 Introduction to Principles of Sustainable Urban Design	Social / Behavioral Science	Needs signature assignment to address all core objectives. Needs rubric such as AACU values. Description and syllabus somewhat inconsistent.	Not recommended as submitted. Rework & resubmit in next university cycle.
COLA – Department of Comm: PREL 2338 Introduction to Public Relations	Communication	Course submission was well written. Course was submitted in Comm Core. Course is not general comm course. CCC noted inclusion of AI as a positive.	Not recommended as submitted. Resubmit in the Social/Behavioral Science component area in the next university cycle.
SOCW- School of Social Work: SOCW 2325 Introduction to Statistics for Social Work and the Social Sciences	Math	Submission is for specialized application to Social Work & Social Sciences and not to general Math area for all students.	Not recommended as submitted. The submission is not consistent with Math Core Course.

End of CCC Report to UA

Proposed Revision to Credit for Prior Learning Policy

Submitted for consideration by the Undergraduate Assembly, April 8, 2025

Background

The Credit for Prior Learning Task Force was constituted in Spring 2024 to review policies and procedure for awarding credit for prior learning (CPL) at UTA. CPL refers to academic credit awarded for experiences and skills gained outside the traditional for-credit classroom. Examinations, the military Joint Services Transcript (JST), portfolios, and professional certifications are examples of mechanisms commonly used to award CPL at institutions nationally. The Task Force was charged to recommend process and policy improvements at UTA.

Task Force Members

Mark Cooper, Director of Academic Operations and Kim Tate, Registrar (Co-chairs)

Candice Calhoun-Butts (Student Success), Paul Compton (COE), Rebecca Dean (COLA), Ami Dominguez (Registrar), Desirée Henderson (COLA), Lisa Hooks (COB), Robin Jocius (COEd), Karen Krause (Financial Aid), Rebecca Lewis (IER), Sarah Lock (COLA), Dylan Parks (COS), Cassandra Smith (Extended Campus), Deirdra Tuner (Student Success), Melissa Walsh (COS), Kristine Witkowski (Military & Veterans Affairs/Financial Aid)

Recommendation

The Task Force proposes revising current catalog language to:

- 1) Clarify rules and procedures already implemented and in the process of implementation.
- 2) Provide a framework for development of more specific policies and procedures for awarding CPL by portfolio or for pre-existing professional certifications as well as means to authorize such awards.

Rationale

Based on task force recommendations, procedural improvements have been implemented or identified for implementation to streamline and formalize the awarding of credit by examination as well as military JST credit. Minor changes to existing catalog language are proposed to reflect these changes, with the aim of improving clarity and consistency in awarding CPL. Further process improvement is anticipated.

At least two colleges (COLA and COEd) are developing credit-by-portfolio mechanisms. A rudimentary governance process is provided to allow for such development. Refinement of this process is anticipated.

At least one college (COHNI) awards credit for professional certification. A mechanism is provided to formalize such awards. Refinement of this process is anticipated.

Credit for Prior Learning Policy

Credit for Prior Learning (CPL) is the process of granting academic credit for knowledge and skills acquired outside of traditional college coursework. The University of Texas at Arlington (UTA) recognizes CPL by awarding credit for demonstrated learning that has occurred beyond a conventional academic setting, provided it is at the post-secondary level and aligns with the university's curriculum. CPL does not include credit earned through traditional classroom experiences, such as dual credit or transfer credit. UTA awards CPL through the following methods:

Commented [CMG1]: This is new introductory language from the CPL Team.

1. Credit-by-Examination

UTA uses several examination programs to assess the prior academic achievement of undergraduate students. The following policies govern the awarding of credit by examination by UTA:

Commented [CMG2]: This is existing catalog language with minor changes as indicated to clarify relationship between credit by exam and graded coursework.

- Credit by examination is available to undergraduate students with a completed application on file, currently enrolled students, and formerly enrolled students who meet eligibility requirements. Credit by examination will not be given for a course the student previously passed, received a Z grade for, or received transfer credit for at UTA. Credit by exam is not eligible for grade forgiveness.
- Prospective students may take examinations to establish their eligibility to receive credit, however, credit is awarded only to currently enrolled students or to former students who meet eligibility requirements. A prospective student may claim credit before enrollment, but the credit will be posted as earned credit after the Census Day of the first enrolled semester.
- Credit by examination may not be used for graduate credit and no such credit, graduate or undergraduate, may appear on graduate student transcripts.
- Credit earned by examination satisfies degree requirements in the same way as credit earned by passing courses except it does not count as credit earned in residence. Credit by examination cannot be used to satisfy general degree requirements for: (a) 30 semester hours in residence, (b) at least 18 semester hours in residence of advanced course work (courses numbered 3000 and 4000), to include 12 hours of advanced course work in the major field. Credit by examination can be used to meet prerequisites for higher-level courses.
- Credit for examination does not award a grade or earn grade points.
- To have credit reported to UTA, official test scores must be sent to the Office of Admissions for credit by examination to be awarded. Credit by examination on a transcript from another institution of higher education is considered transfer work and will transfer to UTA, subject to the same conditions as corresponding resident coursework from that institution. The Office of Admissions is responsible for posting all transfer work.

Commented [CMG3]: Language here has been revised for clarity.

Commented [CMG4]: Added for clarity.

UT Arlington awards credit by examination for the following:

Commented [CMG5]: The following list of exams has been added based on current/developing practice to provide students with pointers to where authoritative information about each exam and qualifying scores may be found.

- **Advanced Placement (AP) Program** is a College Board initiative that enables high school students to take college-level courses and exams, potentially earning college credit and advanced placement in college. Information on AP examinations and the satisfactory scores required for course credit at UTA can be found at: [Pre-College Credit by Examination](#).
- **College Level Examination Program (CLEP)** enables individuals to earn college credit by demonstrating mastery of college-level material through standardized exams. Information on CLEP examinations and the satisfactory scores required for course credit at UTA can be found at: [CLEP Credit by Examination](#).
- **International Baccalaureate (IB) Diploma Program** is an academically rigorous and comprehensive educational program typically designed for students in the final two years of high school. Information on IB examinations and the satisfactory scores required for course credit at UTA can be found at: [Pre-College Credit by Examination](#).
- **SAT II (SAT Subject Tests)** are standardized exams administered by the College Board that assess students' mastery of specific academic subjects. Information on SAT II examinations and the satisfactory scores required for course credit at UTA can be found at: [SAT II Credit by Examination](#).
- **DANTES Subject Standardized Tests (DSST)** are college-level subject exams that allow students to earn course credit for knowledge acquired outside of a traditional classroom setting. Information on DSST examinations and the satisfactory scores required for course credit at UTA can be found at: [DSST Credit by Examination](#).
- **AVANT Language Exams** are assessments administered by the Modern Languages Department for students with prior language experience, allowing them to earn college credit for certain modern language courses. The availability of AVANT examinations and the required scores for course credit at UTA can be found at: [Modern Languages Testing](#).
- **Advanced Standing Exams (ASE)** allow students to earn course credit by achieving a satisfactory score on an exam developed by the university's subject-matter faculty. The availability of these exams and the credits awarded vary by subject and are determined by the policies of the relevant academic unit. Academic units are responsible for reporting qualifying scores to the Office of the Registrar Information on ASE examinations and the required scores for course credit at UT) can be found at: [ASE Credit by Examination](#).
- **A-Levels** are subject-based qualifications typically undertaken during the final two years of high school to prepare students for university education. They are recognized by the Cambridge International Examinations (CIE) AICE program, an internationally advanced secondary curriculum and assessment system. Information regarding A-Level examinations and the corresponding scores required for course credit at UTA can be found at: [A/AS-Level Credit](#) or [A/AS Level Credit - USF](#)

2. Military Training

Students who were members of the U.S. Armed Forces may receive credit for their military training and education toward a postsecondary degree or credential. The Joint Services

Transcript (JST) is an official academic record that documents a service member's military education, training, and occupational experiences, and provides college credit recommendations, approved by the American Council on Education (ACE).

Commented [CMG6]: This section is current catalog language except the change indicated below.

The JST is evaluated for all admitted students. Eligible former members of the armed forces admitted as an undergraduate or readmitted as an undergraduate (after having withdrawn to perform military service) will be given course credit for all physical education courses the institution requires for an undergraduate degree and for additional semester credit hours, not to exceed 12 unless otherwise allowed by the specific degree plan, to satisfy any elective course requirements for the student's degree program for courses outside the student's major or minor. To be eligible, the student must have graduated from a public or private high school accredited by a generally recognized accrediting organization or from a high school operated by the U.S. Department of Defense and be an honorably discharged former member of the armed forces of the United States who completed at least two years of service in the armed forces or discharged because of a disability per [Texas Education Code, Section 51.3042](#). UTA will determine whether to award lower division academic course credit after a student is admitted to the university and has submitted any of the following to the Office of Admissions:

Commented [CMG7]: Added language to specify limitation in applications of JST credit.

- o An official JST that describes the substance of the training completed by the student and verifies the student's successful completion of that training, as well as the recommended ACE credit to be awarded.
- o An official high school transcript from an accredited public or private high school or high school operated by the U.S. Department of Defense indicating the student's official graduation.
- o The student's DD214 indicating that the student was honorably discharged AND completed at least two (2) years of military service OR was discharged because of disability.

A petition to award transfer credit for military training. This petition can be found on the [Military and Veteran Services](#) forms website.

Commented [CMG8]: Added language to clarify petition process.

3. Portfolio

Students may earn college credit toward a certificate or degree by developing a portfolio that documents college-level learning through professional experiences, training, and other non-credit activities, such as employment. Portfolio credit standards are proposed by academic units and approved through the regular shared governance process.

4. Professional Certifications/Licensure

Students who have obtained select professional certifications or licenses may receive academic credit. The number of credits awarded depends on the certification, licensure, and policies of the relevant academic unit. Academic units must report standards to the Office of the Registrar.

Commented [CMG9]: These are new sections to provide a basic architecture allowing development of portfolio and professional certification/licensure CPL. It's starting point, with operational details TBD.

Proposal to the Undergraduate and Graduate Assemblies on Applying Graduate Credit to Undergraduate Degree Plans

March 25, 2025

Issue: The undergraduate and graduate sections of the catalog provide contradictory information on whether undergraduates may substitute master's level course work for upper division coursework in their undergraduate degree plans. The [Undergraduate Degree Requirements](#) page states this is permissible while the [Graduate Degree Requirements page](#) states that it is not.

The undergraduate section of the catalog on use of graduate credits in undergraduate degree plans currently reads as follows:

Graduate Course to Undergraduate Program

Graduate level course work may be transferred as upper-division credit at the written request of the student. Any graduate courses transferred in as upper-division undergraduate work will not be eligible for use at a later date in the graduate school.

The graduate section of the catalog on the use of graduate credits in undergraduate degree programs currently reads as follows:

Earning Graduate Course Credit as a UT Arlington Undergraduate Student

Courses taken in undergraduate status may be applied to a master's program but may not be used to satisfy requirements of a doctoral program.

Some departments do not permit students to enroll in graduate courses unless they have been admitted to a graduate program. Others allow students enrolled as undergraduates to take a limited amount of graduate coursework under the conditions described below.

All undergraduate students must consult with the appropriate graduate advisor before attempting to register for graduate courses.

Proposal: We would like to the Undergraduate and Graduate Assemblies to entertain a change in policy to resolve the contradictory information provided in the Undergraduate and Graduate sections of the Catalog on whether undergraduates can take and use graduate courses to satisfy undergraduate degree requirements. As there are circumstances in which it makes sense to allow an undergraduate to substitute master's level credit for a limited amount of upper division course work, we propose to allow undergraduates to apply 3-4 hrs of master's level coursework (one course) to their undergraduate degree plan. These graduate credits cannot be applied to a UTA graduate degree plan. Students wishing to use more than 3 hrs of master's level coursework in their undergraduate degree plan may do so only if they are admitted to a fast-track program prior to taking any graduate level courses. Those admitted to a fast track may count up to 9 hrs of graduate credits in both their UTA undergraduate and master's degree plans.

Proposed Revision to Undergraduate and Graduate Degree Requirements Pages to replace above:

Graduate Course Credit in Undergraduate Degree Programs

Graduate-level course work may be used to satisfy up to 4 hours of upper-division undergraduate credit at the written request of the student with the approval of the graduate advisor of the program offering the graduate course. Any graduate courses transferred in as upper-division undergraduate work cannot be applied to a UT Arlington graduate degree plan unless the student has been admitted to a fast-track program prior to enrolling in graduate-level course work. Fast-track students may apply up to 9 graduate credit hours to both their undergraduate degree and a UTA graduate master's degree program.

In addition, there is a need to define "Fast Track," which is not currently defined in the catalog.

On the [Undergraduate Degree Requirements Page](#) insert beneath the new section **Graduate Course Credit in Undergraduate Degree Programs** another new section as follows:

Fast Tracks

Fast-track programs allow exceptional undergraduates an accelerated path to a master's degree. When an enrolled bachelor's degree student is within 30 hours of graduation, they may apply for admission to the fast track. Upon satisfaction of program-specific GPA and coursework requirements, the student may take up to 9 credit hours of specified graduate courses. If completed successfully, these courses will count for credit in both the undergraduate program and the affiliated master's program, and the student will be automatically admitted to graduate study.

THE UNIVERSITY OF TEXAS AT ARLINGTON

Undergraduate Assembly Bylaws

The deliberations and the actions of the Undergraduate Assembly of The University of Texas at Arlington will be governed by the provisions of the Regents' Rules and Regulations, the Handbook of Operating Procedures for the University of Texas at Arlington, and the Bylaws of the Undergraduate Assembly.

I. Purpose and Functions

- A. "The Undergraduate Assembly shall be the agency of the faculty to recommend policy on undergraduate academic affairs in the following areas: approval of candidates for degrees, admission requirements, graduation requirements, standards for scholastic performance, approval of course offerings, approval of degree program offerings, general undergraduate educational policy, grading system, academic honors, and faculty-student curricular relations. " – HOP 3-504. Section 3-504 Of the Handbook of Operating Procedure provides detail.

II. Officers and Meetings

- A. Officers of the Undergraduate Assembly shall be as designated in Section 3-501 of the Handbook of Operating Procedures. The Provost of the University, or his/her designate, shall preside and a Secretary shall be elected from the members or ex- officio members for a two-year term. Duties of the officers and provisions for substitutions are included in the Handbook. In addition, a Parliamentarian shall be elected for a one-year term by the Assembly from members or ex-officio members of the Assembly. In the Parliamentarian's absence the presiding officer shall appoint a substitute.
- B. A minimum of four regular meetings will be held during each academic year. The presiding officer of the Assembly will be responsible for scheduling the meetings and publishing the schedule. The schedule of meetings is to be published during the first week of June.
- C. Special meetings will be called by the presiding officer on his/her own initiative, or on the petition of seven members of the Assembly, or on the petition of 10% of the voting members of the faculty. A special meeting will require a notice in writing to be delivered to the campus address of all members of the Assembly at least five working days prior to the date of the meeting. Only those matters specified in the notice may be considered and acted on at any special meeting.
- D. In the event of an emergency, a meeting of the Assembly may be called by the presiding officer without prior notice to the membership.
- E. Balloting by mail is authorized on matters submitted to the membership in writing by the presiding officer. Sixty percent (60%) of the membership must vote in order for the

results to become official.

III. Rules of Procedure

- A. The general authority governing the conduct of Undergraduate Assembly meetings shall be Robert's Rules of Order (most current issue). Minutes shall be considered for approval at the next regular meeting of the Assembly.
- B. Sixty percent (60%) of the voting membership of the Assembly shall constitute a quorum.
- C. In the normal course of business a voice vote will be employed to arrive at the decisions of the Assembly. A roll call ballot will be used upon the request of three members of the Assembly, or a secret ballot will be conducted upon the request of any member of the Assembly.
- D. The order of business.
 - 1. Approval of Minutes
 - 2. Unfinished Business
 - 3. Reports
 - a. Standing Committees
 - b. Ad Hoc Committees
 - c. Other
 - 4. New Business
 - 5. Adjournment

IV. The Agenda

- A. The Secretary of the Assembly shall be responsible for the publication of the agenda for regular meetings of the Assembly.
 - 1. Items to be placed on an agenda shall be delivered to the Secretary at least ten days prior to the date on which the agenda is to be considered.
 - 2. Items may be placed on the agenda by a member of the Assembly, by any member of the faculty and staff, or by any student. The Secretary, in consultation with the Provost or Provost's designate, will screen student requests to insure that the agenda item requested is appropriate for consideration by the Assembly. The ten-day deadline will apply in all requests to place items on the agenda. A rationale for

any denial will be provided to the requestor in writing.

- B. Each Assembly member shall be furnished a complete agenda, including full committee reports, five days prior to the date of the meeting at which the agenda is to be considered. Two full working days must be included in this required lead time.
 - 1. A summary agenda shall be furnished to each administrative office of the University at least five days prior to the date of the Assembly meeting at which the agenda is to be considered.
 - 2. The summary agenda shall be posted at least five days prior to the date of the Assembly meeting at which the agenda is to be considered.

V. Appearance Before the Undergraduate Assembly

- A. Any faculty or staff member may appear before the Assembly to speak to an item on the agenda. The faculty/staff member who wishes to speak should notify the Secretary of the Assembly in writing twenty-four hours prior to the meeting as to the item of interest and desire to be heard on the matter.
- B. Students may be granted permission to appear before the Assembly to speak to an agenda item. A student wishing to be heard must request permission in writing twenty-four hours prior to the opening of the meeting. The request to speak should be addressed to the Secretary of the Assembly. Permission to speak to an item on the agenda may be granted by the presiding officer.

VI. Committees reporting to the Undergraduate Assembly

- A. Appointment of standing committees reporting to the Assembly
 - 1. All appointments to standing committees reporting to the Assembly shall be made by the President of the University on the advice of the University Committee on Committees. A yearly administrative memorandum lists the terms of appointment and the members of university committees.
 - 2. Unless otherwise stated, chairmen of standing committees will be elected from the voting membership of each committee.

B. Standing Committee

- 1. University Committee on Undergraduate Curricula

Curricular matters are forwarded to the University Committee Undergraduate Curricula by the appropriate College/School Curriculum Committee.

Responsibilities of this committee consist of: (a) reviewing and evaluating

undergraduate curricular matters involving changes, deletions, or additions to undergraduate courses or undergraduate degree requirements; (b) providing appropriate assistance and advice concerning general university degree requirements; and (c) insuring that proposals under its consideration meet such requirements. All curricular matters approved by this committee are forwarded and presented for action by the Assembly.

2. The Registration, Calendar and Scheduling Committee

This committee has responsibility for policy development regarding registration procedures. The committee also prepares and submits registration schedules (days and hours) and the university calendar (days and events) to the Assembly for final approval.

3. Academic Standards Committee

Undergraduate academic issues concerning admissions; academic progress, deficiency or probation; and graduation requirements may be referred to the ASC by the University Committee on Undergraduate Curricula, the Undergraduate Assembly, or the Provost. The ASC may also consider and make recommendations to the Undergraduate Assembly on policies concerning these same issues without referral.

4. Teacher Education Council

The council (a) provides liaison between the Center for Professional Teacher Education and other academic departments; (b) establishes policies for Teacher education; (c) proposes new programs for certification; and (d) hears Appeals from students denied admission to certification.

- C. Ad Hoc Committees - Ad Hoc Committees may be constituted by the Provost or his/her designate, or by motion of the committee for special, short-term initiatives as needed.

VII. Records of the Undergraduate Assembly

- A. The Secretary of the Undergraduate Assembly is responsible for keeping the minutes of all meetings of the Assembly. The minutes are to be complete, including all supporting documents.
- B. A complete copy of the minutes will be publicly available. Another copy shall be placed on deposit in the University Archives.

VIII. Amendment of the Bylaws

- A. Proposals for changes in the Bylaws may be placed on the agenda of any regular or special meeting of the Undergraduate Assembly but shall not be acted on until the next

meeting of the Assembly.

- B. Two-thirds of the members present and voting must approve the change in order for it to take effect.