COLLEGE OF
ARTS & SCIENCES
TEXAS TECH

Multidisciplinary Research Certificate

Students graduating with a Multidisciplinary Research Certificate must complete 13 SCH from the list of approved courses. *Students must take the required common core courses - ENGL 2311; CASC 3100; then choose 6 SCH from a primary group (see listing of groups) and 3 SCH from a secondary group, for a total of 13 SCH.* **A 13 SCH certificate profile example would be: ENGL 2311, CASC 3100, Group III – Life Sciences** (6 SCH: CHEM 4300 + BIOL 4300) **and Group V – Physical Sciences** (3 SCH: MATH 4000). CASC course content will guide multidisciplinary research culture and practices to keep students engaged in the program. The courses included in the certificate were recommended by department chairs or research academy steering committee members. Contact: ernest.smith@ttu.edu

Common Core Course	**Group I Communications**	**Group II Humanities**	**Group III Life Sciences**	**Group IV Social Sciences**	**Group V Physical Sciences**
ENGL 2311	ENGL 3363	PHIL 1310	KIN 4000	CRIM 3339	RE 3300
CASC 3100	ENGL 3365	PHIL 2310	CHEM 3000	ECO 3363	RE 3301
	ENGL 3366	PHIL 4000	CHEM 4300	ECO 3364	RE 4000
	ENGL 3367	PHIL 4125	CHEM 4114	ECO 4300	RE 4320
	ENGL 4365	CMLL 4001	CHEM 4314	ECO 4306	MATH 2300
	ENGL 4366	CMLL 4002	ENTX 4000	POLS 3314	MATH 4000
	ENGL 4367	CMLL 4300	BIOL 4300	POLS 3326	PHYS 3000
		HIST 3311	BIOL 4100	POLS 4000	PHYS 3201
		HIST 3323	BIOL 3404	PSY 2400	PHYS 3304
		HIST 3334	ZOOL 4421	PSY 3401	PHYS 4000
		HIST 3304	FSCI 4300	PSY 4000	PHYS 4306
		HIST 4340	KIN 3306	SOC 3356	ATMO 4300
		HIST 3398	KIN 4306	SOC 3392	GEOG 3340
				SPMT 4000	GEOG 4010
				SPMT 4379	GEOL 4001
				ANTH 2100	GEOL 4201
				ANTH 3303	GEOL 4300
				ANTH 3339	GEOL 4301
				ANTH 4643	GEOL 4312
				SW 3339	MATH 3342
					ASTR 3300
					ASTR 2401
					RE 1300
					RE 1311
					RE 2300

UNDERGRADUATE
RESEARCH ACADEMY

TEXAS TECH
College of Arts & Sciences

The *College of Arts & Sciences Multidisciplinary Research Certificate* will be hosted by the College of Arts & Sciences Undergraduate Research Academy (CASURA). The certificate will encourage undergraduate students to work with faculty to obtain first-hand experience with multidisciplinary scholarly pursuits and culture. Furthermore, training will be focused on multidisciplinary methodologies and hands-on experience/training for students to obtain early exposure and experience for solving complex problems facing societies today. This certificate will encourage and support pioneering undergraduate researchers to use radical approaches, apply new expertise, or engage novel perspectives to answer life's most fundamental questions at the intersection of the humanities, social, physical and life sciences. Undergraduates will be prepared for academic excellence in relying on their intrinsic motivation, enhanced self-confidence, and emergent abilities. Furthermore, students will be nurtured in a collaborative environment by others within and outside their primary fields of study. This community of undergraduate researchers will be instrumental in driving interdisciplinary collaboration, generating insights, and advancing our understanding of the culture of a multidisciplinary environment.

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ARTS & SCIENCES
Undergraduate Research Academy
CASURA