



**UT Tyler** SOULES  
COLLEGE OF BUSINESS

## Bachelor of Science Industrial Technology Surveying & Mapping Emphasis

Recommended 4-Year Course Sequence

2021-2022 Catalog

First two years (including 30 hrs of Surveying Coursework) must be completed at an external institution

### JUNIOR YEAR

Fall				Spring			
Community College	UT Tyler	Title	Hours	Community College	UT Tyler	Title	Hours
	FINA 3315	Personal Finance	3		TECH 3310	Total Quality Management	3
	COSC 1307	Intro to Informations Systems Software	3		TECH 4341	Legal Principles in Survey & Mapping	3
	HRD 4320	Job Analysis Techniques	3		TECH 4342	Applied Geodesy	3
	TECH 3341	Public Domain - Texas	3		MANA 3305	Operations Management	3
	TECH 3342	Applications of Photogrammetry	3		MARK 3311	Principles of Marketing	3
			15				15

### SENIOR YEAR

Fall				Spring			
Community College	UT Tyler	Title	Hours	Community College	UT Tyler	Title	Hours
	TECH 3331	Project Management	3		TECH 4370	Internship (Approved by Department)	3
	TECH 3355	Supply Chain Management	3			or	
	ACCT 3300	ACCT & FINA for Small BUS & ENTP	3		TECH 3320	Lean Six Sigma Green Belt Techniques (Sum Only)	3
		Upper Devision soules Elective	3			Upper/Lower Division Elective	3
						Upper/Lower Division Elective	3
			12				12
				Total Credit Taken at Community College			
				60			
				Total Credit Hours at UT Tyler			
				60			
				Total Credit Hours			
				120			

#### Program Core

SRVY 1335: Land Surveying Applications  
 SRVY 1341: Land Surveying  
 SRVY 2305: GIS Applications  
 SRVY 2309: Computer-Aided Mapping  
 SRVY 2331: Geodetic Surveying and Mapping  
 SRVY 2335: Geodetic Applications  
 SRVY 2339: Engineering Design Surveying  
 SRVY 2341: Engineering Design Surveying Lab  
 SRVY 2343: Surveying – Legal Principles I  
 SRVY 2344: Surveying – Legal Principles II  
 Lower Level Electives (9 hrs.)

#### UT Tyler

\*Required courses

Upper Level Surveying Coursework (12 hrs.)  
 TECH 3341: Public Domain – Texas  
 TECH 3342: Applications of Photogrammetry  
 TECH 3343: Advanced Technologies for Surveyors  
 TECH 4341: Legal Principles in Surveying & Mapping  
 TECH 4342: Applied Geodesy