

B.S. Project Design and Analysis

2020 – 2021 Three-year suggested program curriculum (expires 2028)

	FALL I	CHR	SPRING I	CHR	
YEAR I	<input type="checkbox"/> SPDA 2020: Connections - Collaborative Thinking	3	<input type="checkbox"/> SPDA 3020: Connections - Professional Communications	3	
	<input type="checkbox"/> SPDA 2021: Connections - Collaborative Thinking Lab	1	<input type="checkbox"/> SPDA 3021: Connections - Professional Communications Lab	1	
	<input type="checkbox"/> SPDA 2010: Applied Industry Seminar - Introduction to Decision Making	1	<input type="checkbox"/> SPDA 2010: Applied Industry Seminar - Introduction to Decision Making	1	
	<input type="checkbox"/> SPDA 3300: Project Design Thinking	3	<input type="checkbox"/> ACSO 4410: Introduction to Stochastic Processes	3	
	■ ENGL 1310 / 1311: College Writing I / Honors Composition I	3	■ ENGL 1320 / 1321: College Writing II / Honors Composition II	3	
	■ DSCI 2710: Mathematics Data Analysis w/ spreadsheets	3	■ COMM 2040: Public Speaking	3	
	■ CHEM 1410/ 1430: Lab General Chemistry for Science Majors I	3	■ CHEM 1420 / 1440: Lab General Chemistry for Science Majors II	3	
		17		17	
	SUMMER I				
	■ MKTG 3010: Professional Selling	3			
◇ Internship I - SPDA 2011	3				
	6			<i>Total Number of Required Hours, Year I</i> 40	
YEAR II	FALL II				
	<input type="checkbox"/> SPDA 3120: Connections - Problem Analysis	3	<input type="checkbox"/> SPDA 3220: Connections - Team Creativity	3	
	<input type="checkbox"/> SPDA 3120: Connections - Problem Analysis Lab	1	<input type="checkbox"/> SPDA 3220: Connections - Team Creativity Lab	1	
	<input type="checkbox"/> SPDA 3010: Applied Industry Seminar: Operational Decision Making	1	<input type="checkbox"/> SPDA 3010: Applied Industry Seminar: Operational Decision Making	1	
	<input type="checkbox"/> SPDA 3350: Creative Design	3	<input type="checkbox"/> ACSO 4510: Deterministic Modeling for Operations Research	3	
	■ PSCI 2305 /2315: US Political Behavior and Policy / Honors	3	■ PSCI 2306 / 2316: US and Texas Constitutions and Institutions / Honors	3	
	■ PYSC 1630: General Psychology	3	■ MUET 3030: Music of World	3	
	◆ Elective I	3	◆ Elective II	3	
		17		17	
	SUMMER II				
◆ Elective III	3				
◇ Internship II - SPDA 3011	3				
	6			<i>Total Number of Required Hours, Year II</i> 40	
YEAR III	FALL III				
	<input type="checkbox"/> SPDA 4020: Connections - Global Design	3	<input type="checkbox"/> SPDA 4120: Connections - Thinking in Leadership	3	
	<input type="checkbox"/> SPDA 4020: Connections - Global Design Lab	1	<input type="checkbox"/> SPDA 4120: Connections - Thinking in Leadership Lab	1	
	<input type="checkbox"/> SPDA 4010: Applied Industry Seminar: Strategic Decision Making	1	<input type="checkbox"/> SPDA 4010: Applied Industry Seminar: Strategic Decision Making	1	
	<input type="checkbox"/> SPDA 4300: Design Thinking in Organizations	3	<input type="checkbox"/> SPDA 4600: Design and Innovation	3	
	<input type="checkbox"/> ACSO 4610: Applications in Analytics and Operations Research I	3	<input type="checkbox"/> ACSO 4620: Applications in Analytics and Operations Research II	3	
	■ HIST 2610: United States History to 1865	3	■ HIST 2620: United States History Since 1865	3	
	◆ Elective IV	3	◆ Elective V	3	
		17		17	
	SUMMER III				
■ UNT Creative Arts (e.g. THEA 2340) - Theatre Appreciation	3				
◇ Internship III - SPDA 4011	3				
	6			<i>Total Number of Required Hours, Year III</i> 40	
Major Requirement - 54 Credit Hours					
■ UNT Core Requirement - 42 Credit Hours					
◆ Elective - 15 Credit Hours					
◇ Internship - 3 Credit Hours					
◇ Prescribed Electives - 6 Credit Hours (internship or elective based on approval)					
				<i>Total Number of Required Hours, Years I-III</i> 120	

Program Entry Criteria

Students will be admitted in the degree program if they meet the following two criteria:

1. Meet all the UNT admission requirements: <https://admissions.unt.edu/freshman/admission-requirements>
2. Successfully complete a supplemental application and interview to ensure that students understand program expectations as well demonstrate that they are a good fit for the program.

Program Expectations:

This is a fast-paced program in which students must complete 40 hours per year to graduate in 3 years. Students are expected to:

1. Complete 54 CHR of major classes in Project Connections, Design, Analysis and Applied Seminar, 42 CHR of Texas Core, 3 CHR of internships, 15 CHR of Electives and 6 CHR of Prescribed Electives (Internship or Minor) for a total of 120 credit hours.
2. Students that enter the program with approved dual credit for core or other non-major classes do not have to enroll in these approved classes. Students are encouraged to attend these classes due to the integrated curriculum design of the program.
3. Students are encouraged to strive for maintaining a minimum GPA of 3.35 or higher to benefit from the honors program that is built into PD&A degree program.
4. Students will have to meet minimum cumulative GPA of 2.0 in the major and overall GPA to graduate from program.
5. Students will complete a final program portfolio for group projects and internships as part of graduation requirement.

New College

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Problem Based Learning (PBL) Cohort Journey:

This program is designed for First Time in College (FTIC) students with an expectation that all students will start in the program together and graduate together in three years.

1. Students are expected to complete 17 CHR / semester and 6 CHR in summer for a total of 40 CHR / year to graduate in 3 years.
2. Students will be in all the major and core classes together which will only be offered once a semester for a given cohort.
3. Students will work in small teams (e.g.: 4-5 students) per semester and adjusted as needed.
4. Industry project could be one or two semesters long in duration depending on learning objectives and partner project needs
5. Students are expected to integrate learning from each of the classes into the defined project presentation for the semester
6. Students have to complete 3 internships (SPDA 2011, 3011, 4011) over the three-year period.
7. All students are expected to present their findings to client partners 2-3 times per semester.

Program objectives are “degree in three” while being empathetic to the needs of a cohort student with special circumstances that might occur from time to time. For example, in the event that a student has to retake a class or take an incomplete or skip a semester due to sickness, family or financial situation, etc. the student can work with the program director to avail other options such as,

1. Exit program with individual class grades on transcript and continue education in a college or program of their choice.
2. Reduce class load from 17 hours for semester with a focus on major classes while differing electives and / or Texas Core to be completed at a later date while delaying graduation to 3 plus years.
3. Potentially miss a semester and rejoin the original cohort which would be challenging due to fast pace of the program.
4. Potentially miss a year or take reduced load and rejoin the following year to be part of the next cohort in progress.

Predefined Minors / Certificate:

Program has 15 CHR of electives that can be used to take any combination of electives as long as it does not interfere with cohort classes. Program has also identified three predefined minor / certificates for which classes will be scheduled without conflicting with the program cohort classes.

1. Professional Selling Minor: MKTG 3010* or 3651 and (4470, 4670, 4770, 4570) and MKTG 4805 or SPDA 4011 Sales Internship (3 CHR)
2. Data Analytics Certificate: MATH (1710 & 1720) and IPAC (4130, 4240, 4250)
3. Legal Studies Certificate: PSCI 3200, UCRS 3000, COMM 2040*, PSCI 4200, PSCI 4980

For additional information <http://catalog.unt.edu/content.php?catoid=22&navoid=2401> and * indicates already part of Core Class.

Final Program Portfolio:

Students will present a final program portfolio of all the projects delivered over 6 semesters and the 3 internships in the final semester as part of SPDA 4010 (Applied Seminar). Final program portfolio should clearly demonstrate student learning in the program from the integrated curriculum which focuses on major classes as well as all appropriate integrated Texas Core classes. Students who are unsuccessful in this review will get an incomplete in SPDA 4010 till all final program portfolio requirements are met.

Transfer Credit:

Transfer credits are only allowed in the Texas Core and electives. Due to the scaffolding learning approach in the major classes over the three-year journey, all students are required to complete all classes identified as major classes together at UNT.

Notes:

1. Major classes for each cohort will be offered once a year
2. Listed Texas core classes can be substituted in the program anytime from approved list of core classes

STUDENTS WHO DO NOT HAVE AN OFFICIAL DEGREE PLAN ON FILE BEFORE THE SEMESTER THEY PLAN TO GRADUATE MAY NOT APPLY FOR GRADUATION.