

11. UNIVERSITY COLLEGE

The University College offers students the opportunity to realize their potential for academic success and ensure they have the opportunity to enrich their experience at the University through student development programs. The University College houses the Academic Inquiry and Scholarship, the Writing Program, and the Reserve Officer Training Corps (ROTC) Programs. The University College also offers the Bachelor of Arts degree in Multidisciplinary Studies, the Bachelor of Science degree in Multidisciplinary Studies, and partners with other University offices to offer coursework that is accessible to students from all majors.

- B.A. Degree in Multidisciplinary Studies (p. 1)
- B.S. Degree in Multidisciplinary Studies (p. 2)

Bachelor of Arts Degree in Multidisciplinary Studies

The Bachelor of Arts (B.A.) degree in Multidisciplinary Studies is a multidisciplinary degree which allows students much flexibility in designing degree programs that relate to their personal academic and career goals. Students will complete the University Core Curriculum requirements and take a cohesive set of courses from three different disciplinary areas. The B.A. degree in Multidisciplinary Studies is also offered in a 100 percent online format (<https://go.online.utsa.edu/>).

The Multidisciplinary Studies major permits an interdisciplinary approach to education, allowing students the opportunity to acquire a well-rounded educational background and problem-solving skills. The objectives of the program are to develop students that have a solid foundation in the content material of three different disciplines and are skilled in communication, critical thinking and analysis, investigating and solving problems, managing tasks, and relating to others. The program allows students to develop academic themes or topics that fall outside the usual disciplinary boundaries. The degree program will provide a vehicle to achieve baccalaureate degrees for those students whose interests lie in multiple areas.

This degree program is meant to encourage and support creativity, innovation, critical thinking, and integrative learning. The multidisciplinary nature of the program is designed to develop students' ability to combine different fields into a structured format. Since the program involves coursework from departments across the University, it offers students opportunities to capitalize upon diverse personal interests and talents through a combination of study and academic experiences appropriate to meet their educational and long-term career goals.

The minimum number of semester credit hours required for this degree is 120, including Core Curriculum requirement hours. Thirty-nine of the 120 total semester credit hours required for the degree must be at the upper-division level.

Students receiving a Bachelor of Arts degree in Multidisciplinary Studies may not receive a double major or a minor.

All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.A. degree in Multidisciplinary Studies must fulfill University Core Curriculum requirements in the same manner as other

students. If courses are taken to satisfy both degree requirements and Core Curriculum requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degreerequirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

Degree Requirements

All candidates for the B.A. degree in Multidisciplinary Studies must complete the following 78 semester credit hours.

A. Multidisciplinary Studies Foundation Courses

Technology Requirement. Select one of the following:	3
CS 1063 Introduction to Computer Programming I	
CS 1083 Programming I for Computer Scientists	
IS 1413 Excel for Business Information Systems	
Communications Requirement. Select one of the following:	3
COM 1043 Introduction to Communication	
COM 1053 Business and Professional Speech	
COM 2113 Public Speaking	
ENG 2413 Technical Writing	

B. Multidisciplinary Studies Fields of Study

All candidates for the degree must select courses to satisfy the requirements of the following three focus areas based on three distinct disciplines: 39

1. Focus Area One: 15 semester credit hours of courses within a single discipline, content area, or certificate program with at least 9 hours at the upper-division level.
2. Focus Area Two: 12 semester credit hours of courses within a single discipline, content area, or certificate program with at least 6 hours at the upper-division level.
3. Focus Area Three: 12 semester credit hours of courses within a single discipline, content area, or certificate program with at least 6 hours at the upper-division level.

Courses selected to satisfy a focus area must be approved by the Multidisciplinary Studies Program Director. Furthermore, the courses used to satisfy each focus area must be completed with at least a 2.00 grade point average. At least one focus area must be selected from a discipline offered by the College of Liberal and Fine Arts or the College of Sciences.

C. Multidisciplinary Studies Courses

MDS 2013 Introduction to Multidisciplinary Studies	3
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MDS 4983	Senior Seminar for Multidisciplinary Studies	3
Total Credit Hours		51

Course Sequence Guide for B.A. Degree in Multidisciplinary Studies

This course sequence guide is designed to assist students in completing their UTSA undergraduate Multidisciplinary Studies degree requirements. *This is merely a guide and students must satisfy other requirements of this catalog and meet with their academic advisor for individualized degree plans.* Progress within this guide depends upon such factors as course availability, individual student academic preparation, student time management, work obligations, and individual financial considerations. Students may choose to take courses during Summer terms to reduce course loads during long semesters.

B.A. in Multidisciplinary Studies – Four-Year Academic Plan

First Year

Fall		Credit Hours
AIS 1203	Academic Inquiry and Scholarship (core)	3
HIS 1043 or HIS 1053 or HIS 2053	United States History: Pre-Columbus to Civil War Era (core) or United States History: Civil War Era to Present or Texas History	3
MDS 2013	Introduction to Multidisciplinary Studies	3
WRC 1013	Freshman Composition I (core)	3
Mathematics core		3
Credit Hours		15

Spring

HIS 1043 or HIS 1053 or HIS 2053	United States History: Pre-Columbus to Civil War Era (core) or United States History: Civil War Era to Present or Texas History	3
CS 1063 or CS 1083 or IS 1413	Introduction to Computer Programming I or Programming I for Computer Scientists or Excel for Business Information Systems	3
WRC 1023	Freshman Composition II (core)	3
Focus Area 1 lower-division course		3
Life & Physical Sciences core		3
Credit Hours		15

Second Year

Fall		
COM 1043 or COM 1053 or COM 2113 or ENG 2413	Introduction to Communication or Business and Professional Speech or Public Speaking or Technical Writing	3
POL 1013	Introduction to American Politics (core)	3
Focus Area 2 lower-division course		3
Focus Area 3 lower-division course		3

Life & Physical Sciences core		3
Credit Hours		15

Spring

POL 1133 or POL 1213	Texas Politics and Society (core) or Civil Rights in Texas and America	3
Focus Area 1 lower-division course		3
Focus Area 2 lower-division course		3
Creative Arts core		3
Language, Philosophy & Culture core		3
Credit Hours		15

Third Year

Fall

Focus Area 1 upper-division course		3
Focus Area 2 upper-division course		3
Focus Area 3 lower-division course		3
Social and Behavioral Sciences core		3
Component Area Option core		3
Credit Hours		15

Spring

Focus Area 1 upper-division course		3
Focus Area 2 upper-division course		3
Focus Area 3 upper-division course		3
Free elective		3
Free elective		3
Credit Hours		15

Fourth Year

Fall

Focus Area 1 upper-division course		3
Focus Area 3 upper-division course		3
Free elective (upper division)		3
Free elective		3
Free elective (upper division)		3
Credit Hours		15

Spring

MDS 4983	Senior Seminar for Multidisciplinary Studies	3
Free elective		3
Free elective (upper division)		3
Free elective (upper division)		3
Free elective (upper-division)		3
Credit Hours		15
Total Credit Hours		120

Bachelor of Science Degree in Multidisciplinary Studies

The Bachelor of Science (B.S.) degree in Multidisciplinary Studies allows students to develop a degree program around academic themes or niche areas, such as Artificial Intelligence, Cyber Intelligence, Data Sciences, Geoinformatics, and Neuroscience, that fall outside traditional disciplinary boundaries and helps support student achievement of their personal academic and career goals. Students will complete the University Core Curriculum requirements and take a cohesive set of

courses from three different disciplinary areas, one of which must be housed in the College of Sciences or the College of Engineering.

The objectives of the program are to develop students that have a solid foundation in the content material of three different disciplines and are skilled in communication, critical thinking and analysis, investigating and solving problems, managing tasks, and relating to others. The degree program will provide a vehicle for students whose interests lie in multiple areas.

Students selecting the Multidisciplinary Studies major will be expected to achieve the following learning outcomes:

1. Ability to gather information and demonstrate an understanding of concepts and principles from three different fields of study.
2. Ability to apply concepts from three areas of focus and demonstrate their mastery of the knowledge and skills in a capstone course.
3. Ability to show through a final project that they have integrated different areas of study in order to examine a question, problem, or phenomenon.
4. Ability to demonstrate communication and computer competencies.

The minimum number of semester credit hours required for this degree is 120, including Core Curriculum requirement hours. Thirty-nine of the 120 total semester credit hours required for the degree must be at the upper-division level.

Students receiving a Bachelor of Science degree in Multidisciplinary Studies may not receive a double major or a minor.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.S. degree in Multidisciplinary Studies must fulfill University Core Curriculum requirements in the same manner as other students. If courses are taken to satisfy both degree requirements and Core Curriculum requirements, then students may need to take additional courses in order to meet the minimum number of semester credit hours required for this degree.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degreerequirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

Degree Requirements

All candidates for the B.S. degree in Multidisciplinary Studies must complete the following 78 semester credit hours.

A. Multidisciplinary Studies Foundation Courses

Technology Requirement. Select one of the following:	3
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CS 1063	Introduction to Computer Programming I	
CS 1083	Programming I for Computer Scientists	
CS 1173	Data Analysis and Visualization	
IS 1413	Excel for Business Information Systems	
Communications Requirement. Select one of the following:		3
COM 1043	Introduction to Communication	
COM 1053	Business and Professional Speech	
COM 2113	Public Speaking	
ENG 2413	Technical Writing	

B. Multidisciplinary Studies Fields of Study

All candidates for the degree must select courses to satisfy the requirements of the following three focus areas based on three distinct disciplines: 66

1. Focus Area One: 24 semester credit hours of courses within a single discipline with at least 12 hours at the upper-division level.
2. Focus Area Two: 21 semester credit hours of courses within a single discipline with at least 12 hours at the upper-division level.
3. Focus Area Three: 21 semester credit hours of courses within a single discipline with at least 12 hours at the upper-division level.

Courses selected to satisfy a focus area must be approved by the Multidisciplinary Studies Program Director. Furthermore, the courses used to satisfy each focus area must be completed with at least a 2.00 grade point average. At least one focus area must be selected from a discipline offered by the College of Sciences or the College of Engineering.

C. Multidisciplinary Studies Courses

MDS 2023	Introduction to Multidisciplinary Studies	3
MDS 4983	Senior Seminar for Multidisciplinary Studies	3
Total Credit Hours		78

Course Sequence Guide for B.S. Degree in Multidisciplinary Studies

This course sequence guide is designed to assist students in completing their UTSA undergraduate Multidisciplinary Studies degree requirements. *This is merely a guide and students must satisfy other requirements of this catalog and meet with their academic advisor for individualized degree plans.* Progress within this guide depends upon such factors as course availability, individual student academic preparation, student time management, work obligations, and individual financial considerations. Students may choose to take courses during Summer terms to reduce course loads during long semesters.

B.S. in Multidisciplinary Studies – Four-Year Academic Plan

First Year

Fall		Credit Hours
AIS 1203	Academic Inquiry and Scholarship (core)	3
HIS 1043 or HIS 1053 or HIS 2053	United States History: Pre-Columbus to Civil War Era (core) or United States History: Civil War Era to Present or Texas History	3
CS 1063 or IS 1413	Introduction to Computer Programming I or Excel for Business Information Systems	3
WRC 1013	Freshman Composition I (core)	3

11. University College

Mathematics core		4
Credit Hours		16
Spring		
WRC 1023	Freshman Composition II (core)	3
Focus Area 1 lower-division course		4
Focus Area 1 lower-division course		4
Focus Area 2 lower-division course		3
Credit Hours		14
Second Year		
Fall		
COM 1043 or COM 1053 or COM 2113 or ENG 2413	Introduction to Communication or Business and Professional Speech or Public Speaking or Technical Writing	3
Focus Area 1 lower-division course		3
Focus Area 1 lower-division course		3
Focus Area 2 lower-division course		4
Credit Hours		13
Spring		
MDS 2023	Introduction to Multidisciplinary Studies	3
POL 1013	Introduction to American Politics	3
Focus Area 1 lower-division course		3
Focus Area 2 lower-division course		3
Focus Area 2 upper-division course		4
Credit Hours		16
Third Year		
Fall		
POL 1133 or POL 1213	Texas Politics and Society or Civil Rights in Texas and America	3
Focus Area 2 upper-division course		3
Focus Area 2 upper-division course		3
Focus Area 3 upper-division course		3
Life & Physical Sciences core		3
Credit Hours		15
Spring		
HIS 1043 or HIS 1053 or HIS 2053	United States History: Pre- Columbus to Civil War Era or United States History: Civil War Era to Present or Texas History	3
Focus Area 1 upper-division course		3
Focus Area 3 upper-division course		3
Focus Area 3 upper-division course		3
Life & Physical Sciences core		3
Credit Hours		15
Fourth Year		
Fall		
Focus Area 2 upper-division course		4
Focus Area 3 upper-division course		3
Focus Area 3 upper-division course		3
Social & Behavioral Sciences core		3

Creative Arts core		3
Credit Hours		16
Spring		
MDS 4983	Senior Seminar for Multidisciplinary Studies	3
Focus Area 3 upper-division course		3
Focus Area 3 upper-division course		3
Component Area Option core		3
Language, Philosophy, & Culture core		3
Credit Hours		15
Total Credit Hours		120

- Certificate in Community Engaged Leadership (p. 4)
- Certificate in Legal Studies (p. 4)

Certificate in Community Engaged Leadership

The Certificate in Community Engaged Leadership is open to all majors in the University. The certificate integrates coursework with experiential learning opportunities within UTSA, San Antonio, and Bexar County communities, in order to foster knowledge, understanding, skills, and virtues of community leaders.

Students pursuing the Certificate in Community Engaged Leadership must complete 15 semester credit hours:

A. Required course:

UCS 4013	UTSA Advanced Engagement	3
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B. Service-learning/community engaged learning designated electives:

12 semester credit hours of electives from service-learning designated courses or non-designated courses with the approval from the faculty, Director of the Center for Civic Engagement, and Associate Dean for Undergraduate Programs in University College.

At least 6 of the 12 semester credit hours of electives must be earned from the service-learning designated courses. Approval of the non-designated courses as electives will be based on the service-learning hours and a requirement to complete a service-learning project.

C. Civic Engagement Summit or UTSA Undergraduate Research Showcase:

Participation in at least one Civic Engagement Summit, UTSA Undergraduate Research Showcase or other approved event.

Total Credit Hours	15
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Certificate in Legal Studies

The Certificate in Legal Studies is open to all majors in the University. The certificate offers courses to assist students hone their analytical reasoning, logic, and writing skills; give exposure to the law; and gain experiential learning, with the opportunity to develop the American Bar Association (ABA) recommended skills to pursue a legal education.

Students pursuing the Certificate in Legal Studies must complete 15 semester credit hours:

A. Required courses:

PHI 2043	Introductory Logic	9
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UCS 4933	Internship in Prelaw Studies or PAL 4933 Internship in Politics and Law or POL 4933 Internship in Political Science
WRC 3013	Writing Strategies for the Pre-law Student or PAL 3023 Legal Research and Writing
B. Elective courses (listed by ABA recommended skills areas): 6	
1. Problem Solving	
PAL 4123	Legal and Philosophical Reasoning
2. Critical Reading	
ANT 3733	Political and Legal Anthropology
ECO 3113	Introduction to Mathematical Economics ¹
ECO 3123	Introduction to Econometrics and Business Forecasting ¹
HON 3513	Archer: Policy-Making Process
MKT 3013	Principles of Marketing
PAL 4133	Legal Analysis and Argumentation
PHI 3213	Ethics
PHI 4123	Contemporary Continental Philosophy
3. Writing and Editing	
ENG 3383	Writing in Public and Professional Contexts
ENG 3413	Specialized Professional Writing
ENG 4433	Advanced Professional Writing
4. Oral Communication	
COM 3113	Argumentation and Debate
MGT 3123	Organizational Communication ¹
MGT 3253	Interpersonal Communication ¹
5. Research	
HON 3021	Honors Essay Writing
SOC 3323	Introduction to Social Research
PAL 3023	Legal Research and Writing
UCS 4913	Independent Study in Prelaw
6. Organization and Management	
EDL 3003	Introduction to Leadership
7. Public Service and Promotion of Justice	
HON 3103	Honors Service
PAL 3113	Minorities and the Law
HIS 3623	History of the Civil Rights Movement
GLA 3043	International Human Rights
8. Relationship-building and Collaboration	
PSY 4193	Relationships
PSY 4213	Social Cognition
9. Background Knowledge	
HIS 4223	Environmental History of the United States
10. Exposure to the Law	
CS 3113	Principles of Cyber Security
CSM 4633	Construction Law
CRJ 2623	Substantive Criminal Law
CRJ 3573	Restorative Justice
CRJ 4633	Constitutional Criminal Procedure
ES 3203	Environmental Law
FIN 3433	Principles of Real Estate
FIN 4613	Introduction to International Finance ¹

GLA 3003	International Law
GLA 3733	National Security Law
GLA 4133	Conflict, Law, and Security in Global Affairs
IS 3533	Cyber Law and Legal System
MGT 4643	Human Resources Law ¹
PAD 3153	Administrative Law and Policy
PAL 3013	The American Legal Process or POL 3013 The American Legal Process
PAL 3313	The Supreme Court or POL 3313 The Supreme Court
PAL 3343	Constitutional Analysis
PAL 3413	Regulatory Law and Enterprise
PAL 3513	Trial and Appellate Advocacy
PAL 3583	Jurisprudence or POL 3583 Jurisprudence
PAL 3843	Campaign and Election Law or POL 3843 Campaign and Election Law
PAL 3853	Immigration Law or POL 3853 Immigration Law
PAL 3863	Contracts
PAL 4223	Torts through the Case Method
PAL 4233	Federal Courts
PAL 4323	Administrative Law and Politics or POL 4323 Administrative Law and Politics
POL 3323	Constitutional Law I
POL 3333	Constitutional Law II
POL 3373	The Legislative Process
SOC 3113	Criminology
SPE 3693	Special Education Law

Total Credit Hours	15
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Courses may offer skill development in more than one area, but are only listed once.

¹ Students need to complete the proper prerequisites to take these courses.

Data Science (DS) Courses

DS 4003. Introduction to Data Science. (3-0) 3 Credit Hours.

Prerequisite: MAT 1073 or the equivalent. An introduction to foundational data science knowledge and life cycle. Focus areas on data visualization, data curation, ethics, and tools available for analysis will be covered.

DS 4013. Programming for Data Science. (3-0) 3 Credit Hours.

Prerequisite: MAT 1073 or the equivalent. An introduction to data-driven programming emphasizing problem solving and critical thinking. Topics will focus on foundational computer programming concepts and skills.

DS 4023. Data Organization and Visualization. (3-0) 3 Credit Hours.

Prerequisites: DS 4003 and DS 4013 or the equivalents. This course focuses on programming concepts, file input/output, and recursion that are involved in integrating, loading, processing, and transforming data from external sources for exploratory data analysis and visualization using data science software packages and APIs.

DS 4033. Data Mining and Machine Learning. (3-0) 3 Credit Hours.

Prerequisites: DS 4003 and DS 4013 or the equivalents. This course utilizes fundamental data science concepts to introduce in-depth analysis, data mining, machine learning, and artificial intelligence. Topics may include clustering, classification, evaluation metrics, supervised and unsupervised learning, search algorithms, intelligent agents, and AI applications in select areas.

Multidisciplinary Studies (MDS) Courses

MDS 2013. Introduction to Multidisciplinary Studies. (3-0) 3 Credit Hours.

Introduction to Multidisciplinary Studies as an academic program. This course is required for the B.A. degree in Multidisciplinary Studies. It provides foundational skills from various academic areas and methodologies for approaching complex issues across the disciplines. Students develop and apply critical thinking, problem solving, and effective oral and written communication skills to social, political, scientific, and civic problems. The course includes a capstone project in which students plan a program of study appropriate within the Multidisciplinary Studies degree. Course Fee: DL01 \$75.

MDS 2023. Introduction to Multidisciplinary Studies. (3-0) 3 Credit Hours.

Introduction to Multidisciplinary Studies as an academic program. This course is required for the B.S. Degree in Multidisciplinary Studies. This course integrates experiential learning opportunities with foundational skills from various academic areas and methodologies for approaching complex issues across the disciplines. Students develop and apply critical thinking, problem solving, and effective oral and written communication skills to scientific, engineering, technical, social, and civic problems. The course includes a capstone project in which students design and present the experiential learning project.

MDS 4911. Independent Study in Multidisciplinary Studies. (0-0) 1 Credit Hour.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Program Director, and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree.

MDS 4913. Independent Study in Multidisciplinary Studies. (0-0) 3 Credit Hours.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Program Director, and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree.

MDS 4933. Internship in Multidisciplinary Studies. (0-0) 3 Credit Hours.

Prerequisite: Consent of internship coordinator. Supervised experience relevant to the student's program of study within selected community organizations. May be repeated for credit, but not more than 6 semester credit hours of internship will apply to a bachelor's degree.

MDS 4983. Senior Seminar for Multidisciplinary Studies. (3-0) 3 Credit Hours.

Prerequisite: Declared major in Multidisciplinary Studies and senior status. The seminar surveys topics in ethics, reinforces writing and communication skills through oral and written presentations and discussions, demonstrates student's progress through a capstone portfolio, and culminates in a senior project approved by the instructor. Generally offered: Fall, Spring. Course Fee: DL01 \$75.

Non-course Based Instruction (NCB) Courses

NCB 0210. Intermediate Math for TSI. (2-0) 1.25 Credit Hour.

The objective of this course is to provide students with the knowledge and skills they need in preparation for college level math courses.

NCB 0502. Specialized Study for Math. (2-0) 2 Credit Hours.

This class requires co-enrollment in MAT 1023 for those students who have been designated as not college ready by the Texas Success Initiative (TSI), but who scored between 342 and 349 on the TSI Assessment. This course is intended to prepare students whose placement scores or experience demonstrates that they may need additional preparation for a college level mathematics course. The topics introduced in this course are designed to prepare students for successful completion of College Algebra with Applications, MAT 1023. Students should be in a degree plan that requires algebra intensive courses.

NCB 0542. Specialized Study for MAT 1043 Corequisite. (2-0) 2 Credit Hours.

This class requires co-enrollment in MAT 1043 for those students who have been designated as not college ready by the Texas Success Initiative (TSI), but who scored between 336 and 349 on the TSI Assessment. This course is intended to prepare students whose placement scores or experience demonstrates that they may need additional preparation for a college level mathematics course. The topics introduced in this course are designed to prepare students for successful completion of Introduction to Mathematics, MAT 1043. Students should be in a degree plan that requires or may use MAT 1043.

NCB 0552. Specialized Study for MAT 1053 Corequisite. (2-0) 2 Credit Hours.

This class requires co-enrollment in MAT 1053 for those students who have been designated as not college ready by the Texas Success Initiative (TSI), but who scored between 342 and 349 on the TSI Assessment. This course is intended to prepare students whose placement scores or experience demonstrates that they may need additional preparation for a college level mathematics course. The topics introduced in this course are designed to prepare students for successful completion of Mathematics for Business, MAT 1053. Students should be in a Business or Business-related degree plan.

NCB 0572. Specialized Study for MAT 1073 Corequisite. (2-0) 2 Credit Hours.

This class requires co-enrollment in MAT 1073 for those students who have been designated as not college ready by the Texas Success Initiative (TSI), but who scored between 342 and 349 on the TSI Assessment. This course is intended to prepare students whose placement scores or experience demonstrates that they may need additional preparation for a college level mathematics course. The topics introduced in this course are designed to prepare students for successful completion of Algebra for Scientists/Engineers, MAT 1073. Students should be in a degree plan that requires algebra intensive courses.

NCB 0602. Specialized Study for Writing and Reading. (2-0) 2 Credit Hours.

This course will review basic skills for college-level and professional-level writing and reading. The writing process as well as critical reading and study skills that can be applied to this course and throughout your college career are discussed and practiced in class. Appropriate tone, Standard English grammar, paragraph construction, essay development, citation formatting, and other topics will be taught and practiced throughout the semester. These subjects will be taught with the application toward use with main ideas, supporting details, and inferences, as well as learning to read critically and analyze texts.

University College Studies (UCS) Courses**UCS 2000. Undergraduate Research and Scholarly Activity. (0-0) 0 Credit Hours.**

This course is designed to support students participating in research and scholarly activity at the undergraduate level. The course will provide students the opportunity to engage further into the research process by learning and applying research methods, analytical analysis, problem solving and critical thinking skills.

UCS 2003. Undergraduate Research and Scholarly Activity. (0-0) 3 Credit Hours.

This course is designed to support students participating in research and scholarly activity at the undergraduate level. The course will provide students the opportunity to engage further into the research process by learning and applying research methods, analytical analysis, problem solving and critical thinking skills.

UCS 2011. UTSA Engage: A Service-Learning Experience. (1-0) 1 Credit Hour.

Students will be engaged in a minimum of 15 hours of pre-approved, unpaid service in a non-profit or public sector organization in the San Antonio region. Coupled with their service experience will be an online learning environment that will engage students in readings on the nature of service, community engagement, social issues prevalent in the region, and other prompts to engage students in critical thinking and reflection. The service must be performed within the semester that a student is registered. A student may not use another course requirement to complete this credit, it must be an independent experience. A student may repeat the course once for additional credit with the service experience being at a different placement than their previous experience. Course Fee: DL01 \$25.

UCS 2033. Personal Career Planning. (3-0) 3 Credit Hours.

This course provides knowledge of career development theories and decision-making models, current national and state-specific labor market trends, and provides career and occupational resources. Course includes opportunities for self-assessment and career assessment results, including interest, personality, values clarification inventories and skills identification as they relate to occupational choices. This course equips students with skills that help them make positive career decisions throughout their education at UTSA and their career trajectory. (Formerly COU 2103. Credit cannot be earned for both UCS 2033 and COU 2103).

UCS 3201. Graduate School Workshop. (1-0) 1 Credit Hour.

This course is designed to help students prepare for admission to graduate school and, particularly, for admission to Ph.D. programs. The course addresses a variety of pertinent topics, such as how one decides whether to attend graduate school, what type of graduate program one should select, how students can improve their chances of being admitted to the programs of their choice, how to choose select specific programs to apply to, how to prepare an effective application, and how to pay for graduate study. The course also will provide students with practical advice for preparing for the GRE. This course may be repeated for credit.

UCS 4000. Law School Experience I. (0-0) 0 Credit Hours.

The course is designed to introduce students to law school and the legal profession and strengthen their desire to pursue a law degree. Students will have the opportunity to: 1) take mock law school lectures to have an idea of what is expected from them in law school, 2) learn about law school application and admissions and LSAT preparation, 3) understand the real cost of a law degree, 4) have an idea of different legal fields and career choices, and 5) network with law professionals who may be knowledgeable resources for students' academic and professional legal career.

UCS 4013. UTSA Advanced Engagement. (3-0) 3 Credit Hours.

UTSA Advanced Engagement provides students with experiential and meaningful community-based learning opportunities in a real-world context to enrich the learning experience, develop skills of civic engagement/social responsibility and work alongside community partners/leaders to address social challenges. Students will learn theories and best practices from community-based initiatives across academic disciplines. Student will be required to work with a community partner to design, apply, reflect, evaluate and present the service-learning project. Capstone projects will be presented at either the Civic Engagement Summit, UTSA Undergraduate Research Showcase or other approved event.

UCS 4100. Law School Experience II. (0-0) 0 Credit Hours.

This course is designed to introduce students to the elements of analytical reasoning and critical thinking, including the clear and precise use of language, deduction, induction, conditional reasoning, analogy, and logic, and to apply to principles of reasoning and logic in preparations for the Law School Admission Test (LSAT). Pre-requisites are the completion of SLSPA Constitutional Analysis and Introductory Logic during Phase I, and concurrent enrollment in SLSPA Torts and Writing for Prelaw during Phase II.

UCS 4913. Independent Study in Prelaw. (0-0) 3 Credit Hours.

Course designed for students to hone the skills needed for law school in case they decide to pursue a legal education. Students must do independent reading, research, discussion, and or writing on a prelaw topic under the direction of a faculty member of University College.

UCS 4933. Internship in Prelaw Studies. (0-0) 3 Credit Hours.

Course designed to serve as a pre-professional experience for students who may want to attend law school. The internship will provide students a learning experience at a law firm, in a legal department of a corporation, government agency, or non-profit organization. The internship course will be under the direction of a faculty member of University College.