

2020-2021 Undergraduate Catalog Addendum

The undergraduate catalog PDF and this addendum represent the official version of SMU's 2020-2021 Undergraduate Bulletin.

New or Revised Courses

- ACCT 4307** - Data Analytics for Accounting
- ANTH 2360** - How to Build a Time Machine: Technology for Reconstructing Our Past
- ANTH 3358** - From Gold to Gambling: Native Americans of the Southwest
- ANTH 4342** - Resilience: Ethnography, Ethics, and Care
- ANTH 4344** - Pandemics! The Science of Disease Spread, Prevention, and Control
- ANTH 4386** - The Archaeology of Gender and Sexuality
- APSM 3311** - Applied Exercise Physiology
- APSM 4360** - Strength and Conditioning Programs
- APSM 5160** - Teaching Practicum (*now APSM 4160*)
- APSM 5260** - Teaching Practicum (*now APSM 4260*)
- APSM 5261** - Research Practicum in Applied Physiology (*now APSM 4261; an Applied Physiology and Sport Management, B.S. with a Specialization in Applied Physiology and Health Management requirement*)
- APSM 5300** - Senior Project (*now APSM 4315; an Applied Physiology and Sport Management, B.S. (Sport Management Concentration); Applied Physiology and Sport Management, B.S. (Sport Performance Leadership Concentration requirement)*)
- APSM 5305** - Senior Project APHM (*now APSM 4305; an Applied Physiology and Sport Management, B.S. with a Specialization in Applied Physiology and Health Management requirement*)
- APSM 5351** - Fitness and Health Enterprise (*now APSM 4351; an Applied Physiology and Health Management Minor; Applied Physiology and Sport Management, B.S. with a Specialization in Applied Physiology and Health Management requirement*)
- APSM 5360** - Teaching Practicum (*now APSM 4360*)
- APSM 5361** - Research Practicum in Applied Physiology (*now APSM 4361; an Applied Physiology and Sport Management, B.S. with a Specialization in Applied Physiology and Health Management requirement*)
- APSM 5362** - Directed Studies in Applied Physiology (*now APSM 4362*)
- APSM 5363** - Directed Studies in Sport Management (*now APSM 4363*)
- APSM 5364** - Directed Studies in Applied Physiology and Enterprise (*now APSM 4364*)
- APSM 5370** - Exercise Program Design (*now APSM 4385; an Applied Physiology and Health Management Minor; Sport Performance Leadership Minor; Applied Physiology and Sport Management, B.S. with a Specialization in Applied Physiology and Health Management requirement*)
- APSM 5371** - Sport Management Practicum (*now APSM 4373*)
- APSM 5461** - Research Practicum in Applied Physiology (*now APSM 4461*)
- APSM 5561** - Research Practicum in Applied Physiology (*now APSM 4561*)
- APSM 5610** - Applied Physiology and Enterprise Internship (*now APSM 4610; an Applied Physiology and Sport Management, B.S. with a Specialization in Applied Physiology and Health Management requirement*)
- APSM 5661** - Research Practicum in Applied Physiology (*now APSM 4661*)
- APSM 5672** - Sport Management Internship (*now APSM 4672; an Applied Physiology and Sport Management, B.S. (Sport Management Concentration requirement)*)
- ARBC 2301** - Intermediate Arabic I
- ARHS 1302** - From the Baroque to the Digital Age: Art and People of the Modern World
- ARHS 1319** - Architecture of the Islamic World
- ARHS 1360** - Picturing the American West
- ARHS 3319** - Christian, Jewish, and Muslim Dialogue between Art and Text
- ARHS 3304** - Aztecs of Mexico: Art and History
- ASL 1402** - American Sign Language II
-
- BIOL 3307** - Ecology
- BIOL 3370** - Microbiology

BIOL 5364 - Integrated Human Physiology with Endocrinology

CCPA 4198 - CCPA Fellow: Internship

CCPA 4298 - CCPA Fellow: Internship

CCPA 4335 - Advanced Digital Communication

CCPA 5300 - Special Topics in Corporate Communication and Public Affairs

CEE 4381 - Civil and Environmental Engineering Design II

CEE 5319 - Soil Chemistry and Mineralogy

ECE 5383 - Introduction to Quantum Informatics

ECO 4368 - Foundations of Financial Economics

ECO 4378 - Financial Economics

ECO 5350 - Introductory Econometrics

ECO 5375 - Economic and Business Forecasting

ECO 5380 - Computing for Economics

FREN 3365 - Contemporary French Cinema

GEOL 4385 - Internship in Geoscience

HIST 3318 - History of Ancient China

HRTS 4394 – Independent Study

JOUR 2304 - Video and Audio Production

JOUR 2306 - Sports, News Media, and Social Media Analytics

JOUR 3326 - Media and the Art of Fashion Design

JOUR 3327 - Media and the Business of Fashion

KNW 2306 - The Kids are Alright: Interdisciplinary Approaches to Childhood and Adolescence (*now HIST 2306*)

KNW 2311 - Perspectives on American Business Through the Lens of General Motors (*now BUSE 2311*)

KNW 2313 - Science and Politics in the Nuclear Age (*now GEOL 2313*)

KNW 2315 - Ethnoviolence (*now HRTS 3316*)

MNO 4344 - Pandemic! The Science of Disease Spread, Prevention, and Control

MSA 2305 - Building Digital Audiences

PERB 1103 - Modern Acoustic Guitar I

PERB 1104 - Modern Acoustic Guitar II

PERB 1203 - Class Guitar

PERB 2203 - Class Guitar

PSYC 4322 - Social and Affective Neuroscience

SPAN 2323 - Intermediate Spanish II for Heritage Speakers

SPAN 4352 - Conversations and Community

SPAN 5375 - Contemporary Fiction by Latin American Women Writers

Inactivated Courses

CRCP 5101 - Creative Computing Minor Capstone

KNW 2000 - Special Topics

KNW 2001 - The Oxford Experience

KNW 2002 - Understanding Contemporary France Through the Perspectives of World War II

KNW 2199 - The Taos Experience: Everyday Life and Rituals

KNW 2305 - Musical Acoustics

KNW 2307 - Gender and the Written Word: From Newspapers to Novels

KNW 2316 - Religion and Politics in Early Modern Europe

KNW 2333 - Introduction to the Scientific Method: Critical and Creative Thinking

KNW 2367 - The Greater Dallas Experience

KNW 3360 - The North American Great Plains

KNW 3375 - Corporate Responsibility and Ethical Leadership

KNW 3399 - Special Topics

PRW 2103 - PRW2: Physical Fitness: Body Mechanics and Physical Preparation for Actors

SOCI 3350 - Ethnoviolence: Interdisciplinary Perspectives

SOCI 4364 - Correctional Systems

SOCI 4374 - Social Change

(updated 10/19/2020; 11/2/2020; 2/24/2021; 3/8/2021)

University Calendar

Fall Term 2020

(August 24 - December 19, 2020)

April 6-August 28, Monday-Friday: Enrollment for fall 2020 continuing students for all undergraduates and for graduates in Dedman College, Lyle, Meadows and Simmons.

May – August: Virtual Orientation experiences for new first-year and transfer undergraduate students. More information about Virtual Orientation is available from the Office of the Student Experience, Student Affairs, 214-768-4560, www.smu.edu/studentaffairs/newstudent.

August 17-20, Monday-Thursday: NEW students schedule a move in time in the SMU Housing Portal.

August 20-23, Thursday-Sunday: RETURNING students schedule a move in time in the SMU Housing Portal.

August 23, Sunday: Opening Convocation, McFarlin Auditorium.

August 24, Monday: First day of classes.

August 28, Friday: Last day to enroll, add a course, or drop a course without tuition billing while remaining enrolled for the term. Last day to file for graduation in December.

September 4, Friday: Last day to drop a course without academic record (**tuition charges apply**). Last day to withdraw from the University without academic record (**withdrawal refund schedule applies**). See [Bursar's website](#) for more information.

September 7, Monday: Labor Day. University is open and classes meet.

September 8, Tuesday: Last day to declare pass/fail or no credit grading options. Last day to request an excused absence for the observance of a religious holiday.

September 25-26, Friday-Saturday: Family Weekend.

September 28, Monday: Early intervention grades due for designated undergraduate students.

September 30, Wednesday: Last day for continuing undergraduate students to change their majors before November enrollment.

NOTE: Fall Break has been suspended for Fall 2020.

October 20, Tuesday: Midterm grades due for undergraduate students.

October 23-24, Friday-Saturday: Homecoming Weekend.

November 2, Monday: 60 percent point of the term that federal financial aid has been earned if a student officially withdraws from SMU; prior to this date a partial calculated return to federal programs will be required.

November 16-20, Monday–Friday: Enrollment for spring 2021 continuing students for all undergraduates and graduates in Dedman College, Lyle, Meadows and Simmons.

November 12, Thursday: Last day for December graduation candidates to change grades of Incomplete, and to obtain a final grade for a grade of X or a missing grade from a previous term.

November 16, Monday: Students should file for May graduation. The last day to file is January 25, 2021.

November 25, Wednesday: No classes.

November 25, Wednesday: Residence Halls close (except for those that have been approved to stay*).

November 26-27, Thursday-Friday: Thanksgiving holiday. University offices closed.

November 30-December 1, Monday-Tuesday: No classes.

December 2, Wednesday: Last day to drop a course (grade of W).

December 2, Wednesday: Last day to withdraw from the University.

December 2-4, Wednesday-Friday: Classes will be held virtually (online). No final examinations or unscheduled tests and papers should be given during this time. NOTE: Some Meadows courses that require in-person labs/studios will NOT be held virtually on these days. Course instructors will inform their students via class syllabi.

December 2, Wednesday: Last day for oral/written examinations for December graduate degree candidates.

December 4, Friday: Last day of classes (held virtually/online).

December 7-9, Monday-Wednesday: Reading days.

December 10-16, Thursday-Wednesday: Examinations. (No examinations scheduled for Sunday). Examinations will be held virtually (online).

December 18, Friday: December Rotunda Recessional.

December 19, Saturday: December Commencement Convocation. Official close of term and conferral of degrees.

December 23-January 1, Wednesday-Friday: University closed.

December 25, Friday: Christmas Day.

***The process to petition to remain on campus after November 25 will be communicated once the fall term begins.**

January Term 2021

(December 17, 2020 - January 22, 2021)

The January Term consists of two primary sessions: Dallas January Session and SMU-in-Taos January Session. Each primary session has different deadline dates. Some areas of instruction may offer a limited number of selected courses during the January Term, December 17 - January 22, with unique start, end, deadline dates and class meeting times to accommodate the particular needs of the course.

January 1, Friday: New Year's Day. University offices closed.

Dallas January Session 2021

Note: Classes meet four hours per day, Monday through Saturday. See Intersessions website for specific class information.

January 5, Tuesday: 1:00 p.m. Residential Communities open for approved residents enrolled for January Term.

January 7, Thursday: First day of classes.

January 7, Thursday: Last day to enroll, add a course, or drop a course without academic record (tuition charges apply). Last day to declare pass/fail or no credit grading options. Last day to request an excused absence for the observance of a religious holiday.

January 14, Thursday: Last day for January Term graduation candidates to change grades of Incomplete, and to obtain a final grade for a grade of X or a missing grade from a previous term.

January 18, Monday: Martin Luther King, Jr. Day. University offices closed.

January 19, Tuesday: Last day to drop a course or withdraw from the University (grade of W).

January 22, Friday: Last day of classes, including examinations.

January 22, Friday: Official close of the term and conferral of degrees.

SMU-in-Taos January Session 2021

Note: Permission of SMU-in-Taos required for all enrollments.

January 6, Wednesday: Travel day and arrival of students, 2-6 p.m.

January 6, Wednesday: Last day to enroll, add a course, or drop a course without academic record.

January 7, Thursday: First day of classes.

January 7, Thursday: Last day to declare pass/fail or no credit grading options. Last day to request an excused absence for the observance of a religious holiday. Last day to file for graduation in January Term.

January 14, Thursday: Last day for January Term graduation candidates to change grades of Incomplete, and to obtain a final grade for a grade of X or a missing grade from a previous term.

January 18, Monday: Martin Luther King, Jr. Day. University offices closed.

January 19, Tuesday: Last day to drop a course or withdraw from the University (grade of W).

January 22, Friday: Last day of classes, including examinations. Official close of the term and conferral of degrees.

January 23, Saturday: Travel day.

Spring Term 2021

(January 25 - May 15, 2021)

November 16-January 29, Monday–Monday: Enrollment for spring 2021 continuing students for all undergraduates and graduates in Dedman College, Lyle, Meadows and Simmons.

January (TBA): Virtual Orientation experiences for new first-year and transfer undergraduate students. More information about Virtual Orientation is available from the Office of the Student Experience, Student Affairs, 214-768-4560, www.smu.edu/studentaffairs/newstudent.

January 1, Friday: New Year's Day. University offices closed.

January 18, Monday: Martin Luther King, Jr. Day. University offices closed.

January 23-24, Saturday-Sunday: Residential Communities open for Spring term for continuing and new residents.

January 24, Sunday: Spring Rotunda Passage

January 25, Monday: First day of classes.

January 29, Friday: Last day to enroll, add a course, or drop a course without tuition billing while remaining enrolled for the term. Last day to file for graduation in May.

February 5, Friday: Last day to drop a course without academic record (**tuition charges apply**). Last day to withdraw from the university without academic record (**withdrawal refund schedule applies**). See [Bursar's website](#) for more information.

February 9, Tuesday: Last day to request an excused absence for the observance of a religious holiday.

February 24, Wednesday: Last day for continuing undergraduate students to change their majors before April enrollment.

March 2, Tuesday: Early intervention grades due for designated undergraduate students.

March 5, Friday: Last day to declare pass/fail or no credit grading options.

NOTE: Spring Break has been suspended for Spring 2021

March 30, Tuesday: Midterm grades due for undergraduate students.

March 31, Wednesday: 60 percent point of the term that federal financial aid has been earned if a student officially withdraws from SMU; prior to this date a partial calculated return to federal programs will be required.

April 2, Friday: Classes follow a *Tuesday schedule* and will meet virtually. (Good Friday.)

April 2, Friday: Good Friday. University offices closed.

April 4, Sunday: Easter Sunday.

April 5-23, Monday–Friday: Enrollment for summer 2021 and fall 2021 continuing students for all undergraduates and graduates in Dedman College, Lyle, Meadows and Simmons.

April 7, Wednesday: Last day to drop a course with a grade of W (Graduate students).

April 12, Monday: Honors Convocation.

April 13, Tuesday: Last Day for May graduation candidates to change grades of Incomplete, and to obtain a final grade for a grade of X or a missing grade from a previous term.

April 21, Wednesday: Students should file for August or December graduation. Last day to file for August graduation is June 4. Last day to file for December graduation is the last day to enroll for fall 2021.

April 23, Friday: Last day to withdraw from the University (Graduate students).

April 23, Friday: Last day to drop a course (grade of W) and last day to withdraw from the University (Undergraduate students).

April 28-May 3, Wednesday–Thursday: No final examinations or unscheduled tests and papers.

April 29, Thursday: Last day for oral/written examinations for graduate students who are May degree candidates.

May 3, Monday: Last day of classes. (*Follows a Friday Schedule*)

May 4, Tuesday: Classes follow a *Wednesday schedule* and will meet virtually. Last day of classes.

May 5, Wednesday: Reading Day.

May 6-12, Thursday–Wednesday: Examinations (No examinations scheduled for Sunday).

May 13, Thursday: Residence halls officially close for non-graduating students.

May 15, Saturday: May Commencement Convocation. Official close of term and conferral of degrees.

May 16, Sunday: Residence halls officially close for graduating seniors.

(updated 11/11/2020)

General Education

General Education Requirements

Common Curriculum Foundations

Second Language (0-8 credits)

Students will demonstrate an ability to negotiate meaning in a language other than English in familiar contexts and will demonstrate cultural competence in the related target culture. Second-language learning is a multi-faceted intellectual endeavor that promotes enhanced communication skills in both the native and target language and that fosters cross-cultural communication and understanding. Second-language learners analyze the nature of language through comparison between the target language and their own language. Second-language learners also evaluate information and diverse perspectives that are available through the

language and its cultures and engage in critical analysis of culture and identity; they are therefore more readily able to participate in multiple, multicultural communities and are, as a result, adaptable to the challenges of a changing world.

SMU students fulfill the Second Language Foundation Requirement by demonstrating proficiency in second language at the Intermediate level, which is equivalent to the level of proficiency attained at the end of the first-year's study of language at the university level.

At SMU, proficiency can be achieved in one of the following ways, after matriculation:

1. Students placing into and successfully completing a course in the second semester level of a language (or above) will be able to satisfy their Second Language Requirement with that course. SMU offers Arabic, Chinese, Classical Greek, French, German, Italian, Japanese, Latin, Russian, American Sign Language, and Spanish
2. Placing into the third term or beyond on the SMU World Languages placement test and also earning an appropriate score on an SMU designated Second Language Proficiency Test. (You will need to pay a non-refundable registration fee for your proficiency test and take the test within one year of matriculation at SMU.)
3. Taking two approved substitution courses if recommended by the Office of Disability Accommodations and Success Strategies (DASS).
4. Achieving a score of Intermediate-Mid or above on the ACTFL OPI examination in a language not taught at SMU.

Students can fulfill the Second Language Foundation requirement prior to matriculation in one of the following ways:

1. Presenting an appropriate score on a recognized second language proficiency exam (4 or 5 on AP exam; 5, 6, or 7 on IB HL exam; 640 or above on SAT II).
2. Demonstrating an existing proficiency in a language other than English as documented by:
 1. Matriculation as an International Student from a non-English-dominant country AND providing high school transcripts from a non-English-medium high school;
 2. Successful completion of one or more semesters of ESL WRTR at SMU.

Please visit the Second Language site for more information.

While students in their first year of college may receive credit for dual and/or transfer credit earned prior to matriculation at SMU, these credits will not satisfy SMU's Common Curriculum Foundation requirements.

(updated 10/19/2020 11/2/2020)

University Calendar

SMU-in-Taos January Session 2021

NOTE: Following renewed travel restrictions by the Government of New Mexico, SMU has decided to suspend Jan Term operations at SMU-in-Taos for the coming January 2021 term.

Note: Permission of SMU-in-Taos required for all enrollments.

January 6, Wednesday: Travel day and arrival of students, 2-6 p.m.

January 6, Wednesday: Last day to enroll, add a course, or drop a course without academic record.

January 7, Thursday: First day of classes.

January 7, Thursday: Last day to declare pass/fail or no credit grading options. Last day to request an excused absence for the observance of a religious holiday. Last day to file for graduation in January Term.

January 14, Thursday: Last day for January Term graduation candidates to change grades of Incomplete, and to obtain a final grade for a grade of X or a missing grade from a previous term.

January 18, Monday: Martin Luther King, Jr. Day. University offices closed.

January 19, Tuesday: Last day to drop a course or withdraw from the University (grade of W).

January 22, Friday: Last day of classes, including examinations. Official close of the term and conferral of degrees.

January 23, Saturday: Travel day.

(updated 12/8/2020)

Meadows School of the Arts

Corporate Communication and Public Affairs Minor

Requirements for the Minor

Core Requirements (12 Credit Hours)

- CCPA 2308 - Introduction to Newswriting for Public Relations
or
- CCPA 3360 - Business and Professional Communication
- CCPA 2310 - Rhetoric, Community, and Public Deliberation
- CCPA 2327 - Communication Theory
- CCPA 2375 - Communication Research and Data Analytics

Corporate Communication and Public Affairs, B.A.

Requirements for the Degree (39 Credit Hours)

Core Requirements (12 Credit Hours)

CCPA 2310 and CCPA 2327 are required prior to entry into the major.

- CCPA 2308 - Introduction to Newswriting for Public Relations
or
- CCPA 3360 - Business and Professional Communication
or
- JOUR 2312 - News Reporting (for declared journalism majors or minors)
- CCPA 2310 - Rhetoric, Community, and Public Deliberation

- CCPA 2327 - Communication Theory
- CCPA 2375 - Communication Research and Data Analytics

Public Relations and Strategic Communication, B.A.

Requirements for the Degree (37 Credit Hours)

Course Requirements (16 Credit Hours)

Enrollment is contingent upon successful completion of all core requirements.

- CCPA 2300 - Public Speaking in Context
- CCPA 2308 - Introduction to Newswriting for Public Relations
or
- JOUR 2312 - News Reporting (for declared journalism majors or minors only)
- CCPA 3382 - Advanced Writing for Public Relations
- CCPA 3310 - Crisis Management
- CCPA 4130 - Professional Seminar
- CCPA 4340 - Corporate Finance and Public Relations Strategy
or
- CCPA 4386 - Financial Communication
or
- CCPA 4397 - Fashion Industry Public Relations Strategy (for declared fashion media majors only)

(updated 2/2/2021)

Meadows School of the Arts

Corporate Communication and Public Affairs

Associate Professor Sandra Duhé, Division Chair

Professor: Rita Kirk

Associate Professors: Maria Dixon, Sandra Duhé, Owen Lynch, **Stephanie Martin**

Assistant Professor: LaShonda Eaddy

Senior Lecturer: Christopher Salinas

Professor of Practice: Steve Lee

Adjunct Lecturers: Christina Coats, Kim Commerato, Doric Earle, Rosanne Hart, Matthew Jacob, Liz Navarro

(updated 3/25/2021)

Cox School of Business

General Business, B.B.A

Core Cores (30 Credit Hours)

- ACCT 2301 - Introduction to Financial Accounting
 - ACCT 2302 - Introduction to Managerial Accounting
 - BL 3335 - Business Law
 - **BLI 1110 - Business Discovery**
 - **BLI 1210 - Business Communications**
 - FINA 3320 - Financial Management
 - ITOM 2308 - Information Systems for Management
 - ITOM 3306 - Operations Management
 - MKTG 3340 - Fundamentals of Marketing
 - MNO 3370 - Management
-
- STRA 5370 - Strategic Management in a Global Economy
or
 - CISB 5397 - Entrepreneurship: Starting a Business

(updated 3/30/2021)

General Education

General Education

In keeping with the University's educational mission, all undergraduates are required to complete a program of study that emphasizes the values of what historically has been called "a liberal education." This consists of the development of a range of skills and an introduction to academic disciplines that span the range of human knowledge. This type of education teaches students to write and think critically and to develop a basic understanding of human society and activity in all its dimensions. The courses and experiences included in this program of study provide a solid and broad education that will equip students to become lifelong learners, while preparing them to complete more focused study in the major.

The Common Curriculum is the twenty-first century version of the traditional liberal arts curriculum, and it is through the Common Curriculum that SMU ensures that all undergraduates meet the general education requirements stipulated by the U.S. Federal Government and the Southern Association of Colleges and Schools Commission on Colleges. **Students are required, based on these standards, to complete, as part of their degree requirements, a general education curriculum that consists of 31 hours. This requirement ensures breadth of knowledge and introduces students to the humanities and fine arts, the social and behavioral sciences, and natural sciences and mathematics. Students with advanced language proficiency, who are able to demonstrate appropriate proficiency on an approved proficiency test, may be able to complete**

their general education curriculum in 27 hours. The courses in general education, according to these standards, must not focus on the skills, techniques and procedures specific to that student's occupation or profession. SMU's Common Curriculum meets these standards while ensuring that students cultivate the knowledge and skills they need to become successful in the workplace, able to adapt to demands of rapidly changing and increasingly interconnected world.

(updated 11/2/2021)

Cox School of Business

Business Minors and Specializations

Energy Management Specialization

Courses for the specialization will not double count toward the business core or the majors with the exception of the general business major. No courses may be substituted for specialization courses.

Requirements for the Specialization (12 Credit Hours)

- BUSE 3331 - From Prospect to Production to Kilowatts: The Business of Energy
- BUSE 4332 - Energy and Environmental Law
- BUSE 4333 - Business Management, Planning, and Analysis in Energy
- BUSE 4334 - Global Energy Markets, Business, and Policy: Spikes, Myths, and Risks

Grading

Regular grading standards will be used. Grades in specialization courses will count in the student's business GPA and cumulative GPAs.

Entrepreneurship Specialization

Courses for the specialization will not double count toward the business core or the majors with the exception of the general business major. No courses may be substituted for specialization courses.

Requirements for the Specialization (12 Credit Hours)

- BL 4340 – Law for the Entrepreneur
- CISB 2379 - Identifying Entrepreneurial Opportunities
- CISB 4398 - Managing the Entrepreneurial Business
- CISB 5397 - Entrepreneurship: Starting a Business (STRA 5370 must be taken to complete B.B.A. core requirements)

Grading

Regular grading standards will be used. Grades in specialization courses will count in the student's business GPA and cumulative GPAs.

Real Estate Finance Specialization

Courses for the specialization will not double count toward the business core or the majors with the exception of the general business major. No courses may be substituted for specialization courses.

Requirements for the Specialization (12 Credit Hours)

- RE 3381 - Real Estate Fundamentals
- RE 4338 - Real Estate Law
- RE 4382 - Real Estate Markets and Valuation
- RE 4389 - Real Estate Finance

Grading

Regular grading standards will be used. Grades in **specialization** courses will count in the student's business GPA and cumulative GPAs.

Risk Management and Insurance **Specialization**

Courses for the **specialization** will not double count toward the business core or the majors with the exception of the general business major. No courses may be substituted for **specialization** courses.

Requirements for the **Specialization** (12 Credit Hours)

- MNO 3373 - Negotiations
- RMI 3360 - Principles of Risk Management
- RMI 4340 - Employee Benefits
- RMI 4360 - Insurance and Corporate Risk Management

Grading

Regular grading standards will be used. Grades in **specialization** courses will count in the student's business GPA and cumulative GPAs.

Lyle School of Engineering Computer Science, B.S. (Premedical Specialization)

Requirements for the Major

Mathematics and Science (56 Credit Hours)

- MATH 1337 - Calculus I and MATH 1338 - Calculus II
or
- MATH 1340 - Consolidated Calculus

- MATH 3304 - Introduction to Linear Algebra
- CS 2353 - Discrete Computational Structures
- CS 3365 /MATH 3315 - Introduction to Scientific Computing
- CS 4340 - Statistical Methods for Engineers and Applied Scientists (Students may fulfill the CS 4340 requirement by taking any one of CS 4340/STAT 4340, or EMIS 3340.)

- BIOL 1301 - Introductory Biology
- BIOL 1101 - Introductory Biology Lab

- BIOL 1302 - Introductory Biology
- BIOL 1102 - Introductory Biology Lab

- BIOL 3304 - Genetics
- BIOL 3350 - Cell Biology

- CHEM 1303 - General Chemistry
- CHEM 1113 - General Chemistry Laboratory

- CHEM 1304 - General Chemistry

- CHEM 1114 - General Chemistry Laboratory
- CHEM 3371 - Organic Chemistry
- CHEM 3117 - Organic Chemistry Laboratory

- CHEM 3372 - Organic Chemistry
- CHEM 3118 - Organic Chemistry Laboratory

- PHYS 1303 - Introductory Mechanics
- PHYS 1105 - Mechanics Laboratory

- PHYS 1304 - Introductory Electricity and Magnetism
- PHYS 1106 - Electricity and Magnetism Laboratory