New or Revised Courses

AERO 4431 - National Security, Leadership Responsibilities and Commissioning Preparation
AERO 4432 - National Security, Leadership Responsibilities and Commissioning Preparation
ANTH 3317 - Peoples of Southeast Asia
APSM 2310 - Contemporary Issues in Sport Management
APSM 3322 - Functional Biomechanics
APSM 3332 - Legal and Ethical Aspects of Applied Physiology and Sports Management
APSM 3340 - Applied Management Skills in Sports and Fitness
APSM 3372 - Advanced Public Relations in Sport
ASL 2311 - ASL Fingerspelling and Numbers

BL 3335 - Business Law
BLI 3302 - Business Communications and Leader Development
BUSE 3310 - Markets and Freedom
BUSE 3332 - The Business of Energy: Power Generation, Renewables and Sustainability

CCPA 3309 - History and Philosophy of Free Speech
CISB 2379 - Identifying Entrepreneurial Opportunities
CS 5320 - Artificial Intelligence
CS 5340 - Service-Oriented Software Engineering

DANC 4374 - Dance History II: Modernism
DSIN 5302 - Form and Composition

EPL 3102 - Leadership in Action

FINA 3320 - Financial Management
FINA 4329 - International Finance
FREN 4377 - French Culture Conversation Class

ITOM 2308 - Information Systems for Management
ITOM 4334 - Predictive Analytics and Machine Learning

JOUR 2103 - Writing and Editing Tutorial and Laboratory
JOUR 2310 - Fashion, Media, and Culture
JOUR 3327 - Media and the Business of Fashion
JOUR 4350 - Human Rights and the Journalist

MATH 4377 - Mathematics of Machine Learning
ME 2142 - Fluid Mechanics Laboratory
ME 2331 - Thermodynamics
ME 2340 - Mechanics of Deformable Bodies
ME 2342 - Fluid Mechanics
ME 3132 - Heat Transfer Laboratory
ME 3332 - Heat and Mass Transfer
ME 4340 - Elements of Mechanical Engineering Measurements
MKTG 3340 - Fundamentals of Marketing
MKTG 5345 - Honors Marketing Project
MNO 3370 - Management
PRW 3305 - Personal Responsibility and Community
RE 5220 - Real Estate Practicum
RE 5221 - Real Estate Practicum
SCI 4301 - Astro-eXtraordinary: The Universe Beyond Earth

THEA 5221 - Scene Design I
THEA 5222 - Scene Design II
THEA 5223 - Costume Design I
THEA 5224 - Costume Design II
THEA 5225 - Lighting Design I
THEA 5226 - Lighting Design II
THEA 5303 - Acting I
THEA 5304 - Acting II
THEA 5351 - Scene Design III
THEA 5352 - Scene Design IV
THEA 5353 - Costume Design III
THEA 5354 - Costume Design IV
THEA 5355 - Lighting Design III
THEA 5356 - Lighting Design IV
THEA 5398 - Production Research and Development I
THEA 5399 - Production Research and Development I

WL 3389 - Introduction to Soviet and Russian Cinema
WL 3386 - Mary in the Christian Tradition
WRTR 1313 - Writing and Critical Reasoning

Inactivated Courses
ACCT 3391 - Ethics in Accounting
ASIM 5326 - History and Theory of Creative Computation

GERM 5310 - Reading the Classics
GERM 5326 - Special Topics Abroad in German
GERM 5380 - Directed Studies
GERM 5381 - Directed Studies

JAPN 5501 - Japanese at KGU, Level 4
Meadows School of the Arts
Music Industry Practices Minor
Elective Courses (6 Credit Hours)
Choose from the following:
- Any AMAE course (3 hours)
- CRCP 1330 - Sound and Code
- MUTH 3117 - Songwriting Laboratory
- MUTH 3217 - Songwriting
- MUTH 4311 - Advanced Topics in Music Technology
- MUTH 4186 - Directed Studies in Music Industry Practices
- MUTH 4286 - Directed Studies in Music Industry Practices
- MUTH 4386 - Directed Studies in Music Industry Practices
- PHYS 1320 - Musical Acoustics

(Updated 10/26/2021)

Cox School of Business
Business Minor
Undergraduates with majors outside the Cox School may complete the minor in business.

Requirements for the Minor
The minor in business requires completion of the 18 credit hours specified for the minor in business and all related prerequisite courses.

Required Courses
Matriculated students must complete all credit hours toward the minor in business through enrollment at SMU. Students who transfer courses for this minor prior to SMU matriculation must still complete 18 credit hours in business through enrollment at SMU or SMU-approved international programs, and will need additional business courses beyond the 18 credit hours specified below for the minor in business to meet the SMU credit hour requirement. To earn a minor in business, students must satisfy the following requirements:

- ACCT 2301 - Introduction to Financial Accounting
- FINA 3320 - Financial Management
- MNO 3370 - Management

- MKTG 3340 - Fundamentals of Marketing
or
- ADV 1341 - Marketing Principles of Advertising (for advertising majors and minors only)
Two minor in business electives
Choose any two courses from the list below. Students interested in either the MSA or MSF programs may use the electives requirement to take courses in preparation. Please contact the BBA Advising and Records office to select elective courses.

- ACCT 2302 - Introduction to Managerial Accounting
- ACCT 3311 - Intermediate Accounting I
- ACCT 3312 - Intermediate Accounting II
- BL 3335 - Business Law
- BUSE 3331 - From Prospect to Production to Kilowatts: The Business of Energy
- CISB 2379 - Identifying Entrepreneurial Opportunities
- CISB 4340 - Entrepreneurial Legal Strategies
- MKTG 3342 - Marketing Research
- MKTG 3343 - Consumer Behavior
- MKTG 3345 - Sales and Distribution Management
- MKTG 3346 - Retailing
- MKTG 3348 - International Marketing
- MKTG 3350 - Digital and Social Media Marketing
- MKTG 4345 - Sports Marketing
- MNO 3371 - Human Capital and Talent Management
- MNO 3373 - Negotiations
- MNO 3375 - Corporate Social Responsibility and Ethical Leadership
- MNO 4330 - Management Consulting and Organizational Change
- MNO 4361 - Project Management
- MNO 4371 - Leadership and Culture
- RE 3381 - Real Estate Fundamentals
- RE 4382 - Real Estate Markets and Valuation
- RE 4389 - Real Estate Finance
- RMI 3360 - Principles of Risk Management

Grading
Regular grading standards will be used. None of the courses may be completed pass/fail. A minimum 2.000 GPA on all business courses attempted is required for satisfactory completion of the minor in business.

Accounting, B.B.A.
Required Courses for the Major
- ACCT 3311 - Intermediate Accounting I
• ACCT 3312 - Intermediate Accounting II
• ACCT 4307 – Data Analytics for Accounting
  or
• ITOM 4307 - Business Modeling with Spreadsheets

• ACCT 4311 - Cost Accounting I
• ACCT 4315 - Federal Income Tax I
• ACCT 5314 - Information Systems and Assurance
• ACCT 5315 - Advanced Accounting
• FINA 4325 - Advanced Corporate Finance
• FINA 4125 - Advanced Corporate Finance Lab

Total for the Major Only: 25 Credit Hours

**Interdisciplinary Programs and Courses**

**Data Science, B.S.**

Advanced Elective Course (3 Credit Hours)

*Information Technology and Operations Management*

- ITOM 4307 - Business Modeling with Spreadsheets
  or
- **ACCT 4307 - Data Analytics for Accounting (for Cox majors only)**

- ITOM 4320 - Supply Chain and Logistics Management
- ITOM 4350 - Business Intelligence and Big Data
- MNO 4361 - Project Management

**Data Science Minor**

Advanced Elective Course

Students may not double-count any advanced course(s) taken from the above course lists.

*Information Technology and Operations Management*

- ITOM 4307 - Business Modeling with Spreadsheets
  or
- **ACCT 4307 - Data Analytics for Accounting (for Cox majors only)**

- ITOM 4320 - Supply Chain and Logistics Management
- ITOM 4350 - Business Intelligence and Big Data
- MNO 4361 - Project Management

*(updated 11/2/2021)*

**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

(updated 1/4/2022)

Lyle School of Engineering
Operations Research and Engineering Management
General Information
The OREM Department (formerly known as EMIS - Engineering Management, Information and Systems) brings together the school's technical management and operations areas to offer a Bachelor of Science with a major in management science. This program focuses on computer models for decision-making and the application of engineering principles and techniques to enhance organizational performance. Faculty specializations include optimization, advanced
analytics, telecommunications network design and management, supply-chain systems, systems engineering, logistics, quality control, reliability engineering, data science, information engineering, benchmarking, operations planning and management, network optimization, and mathematical programming.

(updated 2/16/2022)

**Admission**

**International Certificate Programs**

<table>
<thead>
<tr>
<th>IB HL Examination</th>
<th>Scores</th>
<th>Credits</th>
<th>Course(s) Credited</th>
<th>Common Curriculum Component or Graduation Proficiency Satisfied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>5, 6, 7</td>
<td>4 hours</td>
<td>BIOL 1302/BIOL 1102</td>
<td>ES Breadth</td>
</tr>
<tr>
<td>Chemistry</td>
<td>7</td>
<td>4 hours</td>
<td>CHEM 1303/CHEM 1113</td>
<td>ES Breadth</td>
</tr>
<tr>
<td>Economics</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>ECO 1311, ECO 1312</td>
<td>None</td>
</tr>
<tr>
<td>Film</td>
<td>5, 6, 7</td>
<td>3 hours</td>
<td>FILM 10XX</td>
<td>None</td>
</tr>
<tr>
<td>Geography</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>HUMA 10XX, 10YY</td>
<td>None</td>
</tr>
<tr>
<td>History:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Africa</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>HIST 10XX, 10YY</td>
<td>None</td>
</tr>
<tr>
<td>Americas</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>HIST 10XX, 10YY</td>
<td>None</td>
</tr>
<tr>
<td>Asia and Oceania</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>HIST 10XX, 10YY</td>
<td>None</td>
</tr>
<tr>
<td>Europe, Islamic World</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>HIST 20AA, HIST 20BB</td>
<td>None</td>
</tr>
<tr>
<td>Europe, Middle East</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>HIST 10XX, 10YY</td>
<td>None</td>
</tr>
<tr>
<td>Language A:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English A Literature</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>WRTR 10XX, WRTR 10YY</td>
<td>None</td>
</tr>
<tr>
<td>Language and Literature</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>WRTR 10XX, WRTR 10YY</td>
<td>None</td>
</tr>
<tr>
<td>All other languages</td>
<td>5, 6, 7</td>
<td>8 hours</td>
<td>1401, 1402</td>
<td>Second Language Foundation</td>
</tr>
<tr>
<td>Language B</td>
<td>5, 6, 7</td>
<td>8 hours</td>
<td>1401, 1402</td>
<td>None</td>
</tr>
<tr>
<td>English B</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>LANG 10XX, 10YY</td>
<td>None</td>
</tr>
<tr>
<td>Mathematics: Applications and Interpretations</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>MATH 1337, STAT 2331</td>
<td>Quantitative Reasoning Foundation</td>
</tr>
<tr>
<td>Mathematics: Analysis and Approaches</td>
<td>5, 6, 7</td>
<td>3 hours</td>
<td>MATH 1337</td>
<td>Quantitative Reasoning Foundation</td>
</tr>
<tr>
<td>Physics</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>PHYS 1303, PHYS 1304</td>
<td>With lab PHYS 1105 and PHYS 1106 = ES Breadth</td>
</tr>
<tr>
<td>Psychology</td>
<td>5, 6, 7</td>
<td>6 hours</td>
<td>PSYC 1300, 10XX</td>
<td>SBS Breadth</td>
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</table>

(updated 4/11/2022)

**Meadows School of the Arts**

**Fashion Media, B.A.**

**Critical Studies (3 Credit Hours)**

- JOUR 4360 - Race, Class, and Gender in Media or
Any JOUR critical studies course:

- JOUR 3345 - Mass Media in Great Britain: Politics, Pin-Ups, and Propaganda
- JOUR 3390 - Literary Journalism
- JOUR 3396 - History of Journalism
- JOUR 4331 - Current Issues in the News
- JOUR 4350 - Human Rights and the Journalist
- JOUR 4370 - Law and Ethics in a High-Tech World
- JOUR 4397 - Journalism in Latin America
- JOUR 5305 - Topics in Critical Studies