BBA in Operations and Supply Chain Management

BBA in OSCM graduates acquire the knowledge, skills, and abilities to pursue careers as logistics managers, purchasing managers, supply chain managers, purchasing agents, and production and planning managers. Our OSCM graduates enjoy careers at major manufacturing and distribution companies around the world.

Marketable Skills

Students will develop the following marketable skills:

- Critical thinking: Analyze and evaluate issues in order to solve problems and develop informed opinions
- Global awareness: Understand and appreciate people, cultures, and ideas from around the world that impact our community
- Leadership: Step up, think, and act critically and creatively to bring others together to accomplish a common task
- Organization: Use resources effectively and efficiently in order to stay focused on different tasks
- Problem-solving: Find solutions to difficult or complex issues
- Time management: Prioritize goals and organize time to be more productive and efficient

Additionally, students will gain understanding e-procurement systems, and problem-solving.

Degree Plan

Required Credits: 120

Code	Title	Hours
Business Designated Core (All courses require a C or better.)		
Complete the Business Designated Core requirements. (p. 4)		
University Core Curriculum		
Complete the University Core Curriculum requirements. (p. 4)		42
Business Core		
Required Courses:		
Lower-Division (Courses in this section require a C or better)		
MATH 2301	Math for Social Sciences II [C]	3
or MATH 1411	Calculus I	
or ISBA 2301	Intro to AI for Business	
ACCT 2301	Principles of Accounting I [C]	3
ACCT 2302	Principles of Accounting II [C]	3
ECON 2304	Principles of Microeconomics [C]	3
QMB 2301	Business Stats & Analytics I [C]	3
Upper-Division (Courses not requiring a C or better)		
BLAW 3301	Legal Environment of Business	3
BUSN 3304	Global Business Environment	3
or BUSN 3305	Global Busn Environ-Study Away	
ISBA 3305	Foundations of Info Sys & BA	3
FIN 3310	Business Finance	3
MGMT 3303	Intro-Mgmt/Organizational Beha	3
MGMT 4300	Strategic Management	3
MKT 3300	Principles of Marketing	3
OSCM 3321	Production/Operations Mgmt	3
QMB 3301	Business Stats & Analytics II	3
Operations and Supply Chain Major		
Required Courses:		
OSCM 3337	Logistics Management	3
OSCM 4315	Purchasing & Supply Management	3
OSCM 4371	Trans & Warehousing Sys	3
OSCM 4372	Global SCM and Intl Logistics	3
Select nine hours of upper division Operations and Supply Chain Management courses:		9

Upper Division Business:	
Select three hours of upper division business	3
Minor	
Select a Business minor or certificate	12
Total Hours	**120**

C Course requires a grade of C or better

Upper Division Business Courses

Code	Title	Hours
ACCT 3320	Accounting Systems	3
ACCT 3321	Intermediate Accounting I	3
ACCT 3322	Intermediate Accounting II	3
ACCT 3323	Cost Accounting	3
ACCT 3327	Fed Income Tax - Individuals	3
ACCT 4304	Auditing Principles/Procedures	3
ACCT 4396	Internship	3
ACCT 4398	Independent Study in Acct	3
ACCT 4399	Current Concepts in Accounting	3
BLAW 3301	Legal Environment of Business	3
BLAW 4391	Business Law	3
BUSN 3304	Global Business Environment	3
BUSN 3330	Business Internship	3
BUSN 4394	Spec Top in Intnat'l Business	3
ISBA 3301	Intro to Data Process & Prog	3
ISBA 3325	Adv Microcomp Bus Applications	3
ISBA 3340	Org Impact-Information Tech	3
ISBA 3345	Management Information Systems	3
ISBA 3350	Sys. Anal. & Des. for Bus. Ana	3
ISBA 4320	Advanced Programming	3
ISBA 4330	Expert Sys & Decision Sup Sys	3
ISBA 4365	Database Management	3
ISBA 4370	Data Comm. & Network Manag.	3
ISBA 4375	Intro to Electronic Commerce	3
ISBA 4385	Info Sec. & Cybers. Analytics	3
ISBA 4396	Intern. in Info Sys & Busn An.	3
ISBA 4398	Independent Study (CIS)	3
ISBA 4399	Current Top. in Bus Anal. & IS	3
ECON 3302	Intermed Macroeconomic Theory	3
ECON 3303	Intermed Microeconomic Theory	3
ECON 3310	Managerial Economics	3
ECON 3320	Money and Banking	3
ECON 3325	Public Choice	3
ECON 3335	Urban Economics	3
ECON 3372	Mathematical Economics	3
ECON 3373	Introduction to Econometrics	3
ECON 3380	History of Economic Thought	3
ECON 4312	Current Issues in Banking	3
ECON 4325	International Economics	3
ECON 4330	Public Sector Economics	3
ECON 4335	Economics & Law	3
ECON 4398	Independent Study in Economics	3

ECON 4399	Current Topics in Econ	3
FIN 3310	Business Finance	3
FIN 3315	Investments	3
FIN 3317	Principles of Insurance	3
FIN 3321	Real Estate Finance & Investmt	3
FIN 3325	Money & Capital Markets	3
FIN 3330	Finance for Entrepreneurs	3
FIN 3350	Personal Financial Planning	3
FIN 4310	Advanced Corporate Finance	3
FIN 4311	Bank Management	3
FIN 4312	Current Issues in Banking	3
FIN 4315	Portfolio Analysis	3
FIN 4316	Analysis of Derivatives	3
FIN 4318	Fin Anal of Firm & Valuation	3
FIN 4325	International Finance	3
FIN 4328	Central Banking	3
FIN 4396	Internship in Finance	3
FIN 4398	Independent Study In Finance	3
FIN 4399	Current Topics in Finance	3
MGMT 3303	Intro-Mgmt/Organizational Beha	3
MGMT 3304	Organization Development	3
MGMT 3306	Entrepreneurship	3
MGMT 3310	Creativity and Innovation	3
MGMT 3311	Intro to Human Resource Mgmt	3
MGMT 3315	Employee and Labor Relations	3
MGMT 3320	Small Business Management	3
MGMT 4300	Strategic Management	3
MGMT 4304	Human Resource Training/Develp	3
MGMT 4306	Franchising	3
MGMT 4315	Human Resource Staffing/Plan	3
MGMT 4320	Corporate Entrepreneurship	3
MGMT 4325	International Management	3
MGMT 4337	Compensation/Employee Benefits	3
MGMT 4396	Internship in Management	3
MGMT 4398	Independent Study in Managemen	3
MGMT 4399	Current Topics in Management	3
MKT 3300	Principles of Marketing	3
MKT 3302	Consumer Behavior	3
MKT 3320	Advertising & Sales Promotion	3
MKT 4301	Marketing Research	3
MKT 4304	Social Media Marketing	3
MKT 4305	Selling and Sales Management	3
MKT 4307	Multi-Cultural Marketing	3
MKT 4310	Principles of Retailing	3
MKT 4325	International Marketing	3
MKT 4391	Services Marketing	3
MKT 4395	Strategic Marketing Managment	3
MKT 4396	Marketing Internship	3
MKT 4398	Independent Study In Marketing	3
MKT 4399	Current Topics In Marketing	3
OSCM 3321	Production/Operations Mgmt	3
OSCM 3322	Adv Production/Operations Mgmt	3

OSCM 3331	Service Operations Management	3
OSCM 3332	ERP and Busn Intell Systems	3
OSCM 3333	Production Planning & Control	3
OSCM 3335	Project Management	3
OSCM 3336	Inventory Management	3
OSCM 3339	Quality Planning and Control	3
OSCM 3390	Internship-Prod/Oper Mgmt	3
OSCM 4373	Customs Management	3
OSCM 4375	Oper Mdl for Supply Chain Mgmt	3
OSCM 4398	Independent Study in POM	3
OSCM 4399	Current Topics in OSCM	3
QMB 3301	Business Stats & Analytics II	3

Business Designated Core

Although the UTEP choice is larger, these choices satisfy the requirements of both the core and the major.

All courses listed within this degree require a grade of C or better for successful completion.

Code	Title	Hours
Mathematics		
Select one of the following:		
MATH 1411	Calculus I (Required for Risk Management Concentration)	
MATH 1320	Math for Social Sciences I	
MATH 1508	Precalculus	
Social and Behavioral Sciences		
Required:		
ECON 2303	Principles of Macroeconomics	3
The following additional courses are also recommended:		
COMM 1302	Business/Profession Comm	
MATH 1320	Math for Social Sciences I	
PHIL 2306	Ethics	

University Core Curriculum (A program may recommend specific courses. All courses require a C or better.)

I. Communication (six hours)

Code	Title	Hours
Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively. Courses involve the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion, and audience. Course objectives for this component are: Critical Thinking Skills, Communication Skills, Teamwork, and Personal Responsibility.		
Select six hours of the following:		6
For students whose secondary education was in English:		
ENGL 1313	Writing About Literature	
RWS 1301	Rhetoric & Composition I	
RWS 1302	Rhetoric & Composition 2	
For students whose secondary education was not in English:		
ESOL 1311	Expos Engl Compos-Spkr Esl	
ESOL 1312	Res & Crit Writng Spkr Esl	
TOTAL HOURS		**6**

II. American History (six hours)

Code	Title	Hours
Courses in this category focus on the consideration of past events and ideas relative to the United States, with the option of including Texas History for a portion of this component area. Courses involve the interaction among individuals, communities, states, the nation, and the world, considering how these interactions have contributed to the development of the United States and its global role. Course objectives for this component are: Critical Thinking Skills, Communication Skills, Social Responsibility, and Personal Responsibility.		
HIST 1301	History of U.S. to 1865	3
HIST 1302	History of U.S. Since 1865	3
TOTAL HOURS		**6**

III. Language, Philosophy & Culture (three hours)

Code	Title	Hours
Courses in this category focus on how ideas, values, beliefs, and other aspects of culture express and affect human experience. Courses involve the exploration of ideas that foster aesthetic and intellectual creation in order to understand the human condition across cultures. Course objectives for this component are: Critical Thinking Skills, Communication Skills, Social Responsibility, and Personal Responsibility.		
Select one of the following:		3
ANTH 2325	Language in Culture & Society	
AFST 2300	Intro-African Amer Studies	
CHIC 2302	Latina/o Presence in the U.S.	
ENGL 2311	English Literature	
ENGL 2312	English Literature	
ENGL 2318	Intro to American Poetry	
ENGL 2325	Language in Culture & Society	
FREN 2322	Making of the "Other" Americas	
HIST 2301	World History to 1500	
HIST 2302	World History Since 1500	
LING 2325	Language in Culture & Society	
PHIL 1301	Introduction to Philosophy	
PHIL 2306	Ethics	
RS 1301	Introduct to Religious Studies	
SPAN 2340	Seeing & Naming: Conversations	
WS 2300	Introduction to Womens Studies	
WS 2350	Global Feminisms	
TOTAL HOURS		**3**

IV. Mathematics (three hours)

Code	Title	Hours
Courses in this category focus on quantitative literacy in logic, patterns, and relationships. Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience. Course objectives for this component are: Critical Thinking Skills, Communication Skills, and Empirical & Quantitative Skills.		
Select one of the following:		3
MATH 1309	College Algebra	
MATH 1310	Trigonometry and Conics	
MATH 1319	Math in the Modern World	
MATH 1320	Math for Social Sciences I	
MATH 1411	Calculus I	
MATH 1508	Precalculus	
MATH 2301	Math for Social Sciences II	
STAT 1380	Statistical Literacy	
STAT 2480	Elementary Statistical Methods	
TOTAL HOURS		**3**

V. Life & Physical Sciences (six hours)

Code	Title	Hours
Courses in this category focus on describing, explaining, and predicting natural phenomena using the scientific method. Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on experiences. Course objectives for this component are: Critical Thinking Skills, Communication Skills, Empirical & Quantitative Skills, and Teamwork.		
Required: Lecture/Lab Sequence plus Additional Lecture		
ASTR 1107	Astronomy Lab I	
ASTR 1307	Elem Astronomy-Solar System	
ASTR 1308	Elem Astr Stars & Galaxies	
BIOL 1103	Introductory Biology Lab	
BIOL 1104	Human Biology Laboratory	
BIOL 1107	Topics in Study of Life I	
BIOL 1108	Organismal Biology Laboratory	
BIOL 1203	Introductory Biology	
BIOL 1304	Human Biology	
BIOL 1305	General Biology	
BIOL 1306	Organismal Biology	
BIOL 2111	Human Anat/Physio Lab I	
BIOL 2113	Human Anat/Physio Lab II	
BIOL 2311	Human Anat/Physiology I	
BIOL 2313	Human Anat/Physiology II	
CHEM 1105	Laboratory for CHEM 1305	
CHEM 1106	Laboratory for CHEM 1306	
CHEM 1107	Intro General Chemistry Lab	
CHEM 1108	Intro Organic & Biochem Lab	
CHEM 1305	General Chemistry	
CHEM 1306	General Chemistry	
CHEM 1307	Intro to General Chemistry	
CHEM 1308	Intro Organic & Biochemistry	
ESCI 1101	Environmental Sci. Lab	
ESCI 1102	Non-major Lab for ESCI 1301	
ESCI 1301	Intro to Environmental Sci	
GEOG 1106	Laboratory for GEOG 1306	
GEOG 1306	Physical Geography	
GEOL 1103	Lab for GEOL 1313	
GEOL 1104	Lab for GEOL 1314	
GEOL 1111	Principles of Earth Sci - Lab	
GEOL 1112	Laboratory for Geology 1212	
GEOL 1211	Principles of Earth Sciences	
GEOL 1212	Principles of Earth Science	
GEOL 1231	Natural Hazards	
GEOL 1313	Intro to Physical Geology	
GEOL 1314	Intro to Historical Geol	
HSCI 2302	Fundamentals of Nutrition	
HSCI 2303	Wellness Dynamics	
MICR 2330	Microorganisms and Disease	
PHYS 1403	General Physics I	
PHYS 1404	General Physics II	
PHYS 2120	Laboratory for PHYS 2320	
PHYS 2121	Laboratory for PHYS 2321	
PHYS 2320	Introductory Mechanics	

PHYS 2321	Introductory Electromagnetism	
TOTAL HOURS		**6**

VI. Political Science (six hours)

Code	Title	Hours
Courses in this category focus on consideration of the Constitution of the United States and the constitutions of the states, with special emphasis on that of Texas. Courses involve the analysis of governmental institutions, political behavior, civic engagement, and their political and philosophical foundations. Course objectives for this component are: Critical Thinking Skills, Communication Skills, Social Responsibility and Personal Responsibility.		
Required Courses:		
POLS 2310	Introduction to Politics	3
POLS 2311	American Gover & Politics	3
TOTAL HOURS		**6**

VII. Social & Behavioral Sciences (three hours)

Code	Title	Hours
Courses in this category focus on the application of empirical and scientific methods that contribute to the understanding of what makes us human. Courses involve the exploration of behavior and interactions among individuals, groups, institutions, and events, examining their impact on the individual, society, and culture. Course objectives for this component are: Critical Thinking Skills, Communication Skills, Empirical & Quantitative Skills, and Social Responsibility.		
Select one of the following:		3
ANTH 1301	Origins of Humanity	
ANTH 1302	World Cultures	
ANTH 1310	Cultural Geography	
ANTH 2320	Introduction to Human Language	
ASIA 2300	Asian American Studies	
CE 2326	Econ for Engrs & Scientists	
CHIC 2311	Intro to Chicano Studies	
COMM 2350	Interpersonal Communication	
ECON 2303	Principles of Macroeconomics	
ECON 2304	Principles of Microeconomics	
ENGL 2320	Introduction to Human Language	
GEOG 1310	Cultural Geography	
LEAD 2300	Leadership in Action	
LING 2320	Introduction to Human Language	
PSYC 1301	Introduction to Psychology	
SOCI 1301	American Society	
SOCI 1310	Cultural Geography	
TOTAL HOURS		**3**

VIII. Creative Arts

Code	Title	Hours
Courses in this category focus on the appreciation and analysis of creative artifacts and works of the human imagination. Courses involve the synthesis and interpretation of artistic expression and enable critical, creative, and innovative communication about works of art. Course objectives for this component are: Critical Thinking Skills, Communication Skills, Teamwork, and Social Responsibility.		
Select one of the following:		3
ART 1300	Art Appreciation	
ARTH 1305	History of Art I	
ARTH 1306	History of Art II	
CHIC 1311	Chicana/o Fine Arts Appreciat	
CRW 2373	Writing in the Contemp World	
DANC 1304	Introduction to Dance	
FILM 1390	Intro-Art of Motion Pict.	
MUSL 1324	Music Appreciation	

MUSL 1327	Jazz to Rock	
MUSL 2321	Music, Culture, and Society	
THEA 1313	Introduction to Theatre	
TOTAL HOURS		**3**

IX. Component Area Option (six hours)

Code	Title	Hours
a. A minimum of 3 SCH must meet the definition and corresponding Core Objectives specified in one of the foundational component areas. b. As an option for up to 3 semester credit hours of the Component Area Option, an institution may select course(s) that: (i) Meet(s) the definition specified for one or more of the foundational component areas; and (ii) Include(s) a minimum of three Core Objectives, including Critical Thinking Skills, Communication Skills, and one of the remaining Core Objectives of the institution's choice.		
ANTH 1312	Science and Society	
ANTH 1313	Human Variation	
ANTH 2300	Intro to Indigenous Studies	
BUSN 1301	Intro to Global Business	
COMM 1301	Public Speaking	
COMM 1302	Business/Profession Comm	
CS 1310	Intro-Computational Thinking	
CS 1320	Computer Programming Sci/Engr	
ECE 1320	Intro to Physical Computing	
EL 1301	Eng Innovation and Leadership	
ENGR 1302	Engineering Design Experience	
ENGR 1303	Applied Engineering Analysis	
KIN 1301	Physcl Actvty for Hth & Well	
LEAD 1300	Introduction to Leadership	
NAIS 2300	Intro to Indigenous Studies	
SCI 1301	Inquiry in Math & Science	
SOCI 1312	Science and Society	
SOCI 2300	Intro to Indigenous Studies	
SPLP 1312	Comm. Var. Across the Lifespan	
UNIV 1301	Seminar/Critical Inquiry	
TOTAL HOURS		**6**

4-Year Sample Degree Plan

Code	Title	Hours
BBA IN OPERATIONS AND SUPPLY CHAIN MANAGEMENT		
FRESHMAN		
Fall		
BUSN 1301	Intro to Global Business	3
MATH 1320	Math for Social Sciences I	3
PHIL 2306	Ethics	3
RWS 1301	Rhetoric & Composition I	3
Creative Arts Area		3
Spring		
ACCT 2301	Principles of Accounting I	3
ECON 2303	Principles of Macroeconomics	3
HIST 1301	History of U.S. to 1865	3
RWS 1302	Rhetoric & Composition 2	3
Life and Physical Science + Lab Block		3
SOPHOMORE		
Fall		
ACCT 2302	Principles of Accounting II	3
ECON 2304	Principles of Microeconomics	3

HIST 1302	History of U.S. Since 1865	3
POLS 2310	Introduction to Politics	3
Life and Physical Science		3
Spring		
POLS 2311	American Gover & Politics	3
COMM 1302	Business/Profession Comm	3
MATH 2301	Math for Social Sciences II	3
QMB 2301	Business Stats & Analytics I	3
BLAW 3301	Legal Environment of Business	3
JUNIOR		
Fall		
BUSN 3304	Global Business Environment	3
or BUSN 3305	Global Busn Environ-Study Away	
MGMT 3303	Intro-Mgmt/Organizational Beha	3
QMB 3301	Business Stats & Analytics II	3
OSCM 3321	Production/Operations Mgmt	3
MKT 3300	Principles of Marketing	3
Spring		
FIN 3310	Business Finance	3
ISBA 3305	Foundations of Info Sys & BA	3
OSCM 4315	Purchasing & Supply Management	3
OSCM 4375	Oper Mdl for Supply Chain Mgmt	3
Minor Class		3
SENIOR		
Fall		
OSCM 3333	Production Planning & Control	3
OSCM 3337	Logistics Management	3
OSCM Elective		3
Minor Class		3
Minor Class		3
Spring		
MGMT 4300	Strategic Management	3
OSCM Elective		3
OSCM Elective		3
Business Elective		3
Minor Class		3
Total Hours		**120**