

TEXAS TECH UNIVERSITY
JERRY S. RAWLS COLLEGE OF BUSINESS ADMINISTRATION
GENERAL BUSINESS MAJOR

OPERATIONS MANAGEMENT CONCENTRATION

Upper Division Requirements and Schedule for BBA Degree
 120 Hours
 Catalog Years 2009-2010; 2010-2011; 2011-2012; 2012-2013; 2013-2014

A minimum 2.75 GPA is required for this major.

UPPER DIVISION CORE

18 HOURS – MINIMUM GRADES OF C ARE REQUIRED

BLAW 3391 Business Law I. Prerequisite: Minimum grade of C in ENGL 1301 and 1302 and 2.75 Tech GPA
FIN 3320 Financial Management. Prerequisite: ACCT 2300, 2301, ECO 2301, 2302, and MATH 2345, and minimum 2.75 Tech GPA
ISQS 3344 Introduction to Production and Operations Management. Prerequisite: ISQS 2340 and MATH 2345 and minimum 2.75 Tech GPA
MKT 3350 Introduction to Marketing. Prerequisite: ECO 2301 and minimum 2.75 Tech GPA
MGT 3370 Organization and Management. Prerequisite: Minimum 2.75 Tech GPA
MGT 3373 Managerial Communication. Prerequisite: ISQS 2340 and minimum grades of C in ENGL 1301 and 1302 and minimum 2.75 Tech GPA

MAJOR COURSES

39 Hours – Minimum Grade of C Required

ISQS 3345 Object Oriented Systems. Prerequisite: ISQS 3346 with a grade of C or better
ISQS 4348 Systems Analysis. Prerequisite: ISQS 3348
ISQS 4361 Web Application Design. Prerequisite: ISQS 3345 and 3348
MGT 4376 Entrepreneurship: Discovering Entrepreneurial Opportunities. Prerequisite: MGT 3370 with grade of C or better
MKT 3353 Supply Chain Management. Prerequisite: MKT 3350 with a grade of C or better

ISQS 4381 or 4382 Individual Problems or ISQS Internship

Required Minor: Industrial Engineering – 18 hours

IE 3301 Engineering Economic Analysis. Prerequisite: MATH 1451
IE 3311 Operations Research. Prerequisite: MATH 2450
IE 3341 Engineering Statistics. Prerequisite: MATH 2450
IE 3361 Work Analysis and Design. Prerequisite: IE 3341

Choose 2 of the following courses:

IE 3343 Quality Assurance and Engineering Statistics. Prerequisite: IE 3341
IE 3351 Manufacturing Engineering. Prerequisite: ME 2311 and PHYS 1408
IE 3371 Production Control. Prerequisite: IE 3341
IE 4311 Operations Research II. Prerequisite: IE 3311
IE 4361 Engineering Design for People. Prerequisite: IE 3361
IE 4362 Industrial Ergonomics. Prerequisite: IE 3361
IE 4363 Work and Product Safety Engineering. Prerequisite: Junior standing

Senior Course Requirement:

MGT 4380 Strategic Management. Prerequisite: Minimum grade of C in BLAW 3391, FIN 3320, ISQS 3344, MGT 3370, 3373, MKT 3350, and final semester

UPPER LEVEL ECONOMICS REQUIREMENT

3 HOURS – MINIMUM GRADE OF C IS REQUIRED

BECO 4310 Applied Business Economics. Prerequisite: ECO 2301 & 2302 with a minimum grade of C
OR any junior/senior level ECO course except ECO 3323 & 4332 will meet this requirement

SCHEDULE THE ABOVE COURSES AS FOLLOWS:

All courses are not offered each semester and only a limited number of courses are taught in the summer, due to funding restrictions and available faculty.

| 5 TH SEMESTER | 6 TH SEMESTER | 7 TH SEMESTER | 8 TH SEMESTER |
|--------------------------|----------------------------------|---------------------------|---------------------------|
| Jr/Sr Economics course | BLAW 3391 | Major courses – 9 hours | MGT 4380 |
| FIN 3320 | MGT 3373 | IE 3311 | Major course – 6 hours |
| ISQS 3344 | Major Courses – 3 hours | IE minor course – 3 hours | IE 3361 |
| MGT 3370 | IE 3301 | | IE minor course – 3 hours |
| MKT 3350 | IE 3341 | | |
| | Submit Intent to Graduate | | |