



Bachelor of Science in Engineering Management Course Sequence (2013-2015)

Following this sequence increases the likelihood of completing this degree in four years' time. Dropping courses, retaking classes, or registering for less than a full course load will delay graduation, so always consult your academic advisor before deviating from this suggested sequence.. Students may enroll in a course only if they have met all prerequisites for that course. Check the UIW Bulletin for details.

	FALL	SPRING	
FR	CHEM 1301 Chemical Principles 1 3 hrs MATH 2312 Calculus 1 3 hrs ENGL 1311 Composition 1 3 hrs ENGR 1201 Introduction to Engineering 2 hrs ENGR 1310 Engineering Graphics CAD 1 3 hrs COMP 1301 Computer Literacy 3hrs SEMESTER HRS: 17 hrs.	CHEM 1302 Chemical Principles 2 3 hrs CHEM 1203 General Chemistry Lab 2 hrs MATH 2313 Calculus 2 3 hrs CIS 2325 Personal Productivity 3 hrs ENGL 1312 Composition 2 3 hrs ENGR 1312 Engineering Design, CAD 2 3 hrs SEMESTER HRS:17 hrs.	
SO	ENGR 2340 Computer Programming 3 hrs PHYS 2305 Physics 1 3 hrs PHYS 2105 Physics 1 lab 1 hr Language 1 3 hrs ECON 2301 Macroeconomics 3 hrs ACCT 2311 Principles of Accounting 3 hrs SEMESTER HRS: 16 hrs.	MATH 2314 Differential Equations 3 hrs PHYS 2306 Physics 2 3 hrs PHYS 2306 Physics 2 lab 1 hr Language 2 3 hrs ENGR 3350 Statics and Dynamics 3 hrs ENGR 33xx Numerical Analysis 3 hrs SEMESTER HRS: 16 hrs.	
JR	RELS 13xx Religious Studies 3 hrs BMDS 3370 (ENGR 33xx) Prob and Stats 3 hrs ECON 2302 Microeconomics 3 hrs ENGR 4375 Thermodynamics 3 hrs ENGR 3455 Mechanics of Materials 4 hrs SEMESTER HRS: 16 hrs.	BMGT 3354 Human Resource Mngmt 3 hrs BMDS 3371 Mn Sci (ENGR 33xx Oper Rsch) 3 hrs ENGL 2310 World Literature Studies 3 hrs ENGR 3460 Electronic Circuitry 4 hrs PEHP 11xx Phys Educ elective 1 hr ENGR 4470 Fluid Mechanics 4 hrs SEMESTER HRS: 18 hrs.	
SR	PHIL 1381 Introduction to Philosophy 3 hrs Upper level elective in Business or Engineering 3 hrs BFIN 3321 Princ of Financial Mngmt 3 hrs ENGR 4399 SpTopics in Engineering 3 hrs BMGT 3340 Mngment Theory and Practice 3 hrs DWHP 1200 Dimensions of Wellness 2 hrs SEMESTER HRS: 17 hrs.	Philosophy or Religion course 3 hrs Fine Arts elective 3 hrs BLAW 3317 Business Law 3 hrs HIST 13xx History 3 hrs ENGR 4490 Senior Project 4 hrs SEMESTER HRS: 16 hrs.	
ADVANCED min. 36 hrs.		TOTAL MAJOR: min. 60 hrs.	TOTAL DEGREE: min. 133 hrs.

CORE OPTIONS

FINE ARTS

Any three-hour Performance or History course in Visual Art, Dance, Music, or Theatre (Computer Graphic Arts courses will not satisfy this requirement)

HISTORY

HIST 1311, 1312, 1321, 1322, or 3310H (Honors students only)

MATH

MATH 1304, 1306, 2303, or higher level of MATH

PHILOSOPHY

First course, PHIL 1381 or 1381H (Honors students only)
 Second course, any three-hour PHIL course (only if not opting for RELS as second course)

RELIGIOUS STUDIES

Choose from RELS 1327H (Honors students only), 1310, 1340, 1345, 1355, 1360, 1370, 1375, 1399, 2320, 2329, 2330, 2335, 2345, 2350, 3300

NATURAL SCIENCE

- BIOL 1401, 1402, 2321/2121
- CHEM 1301/1101, 1405
- ENSC 1410 or ENSC 3420H (Honors students only)
- GEOL 1401, 1402, 1415, 1420
- METR 1430
- NUTR 2400
- **PHYS 1301/1101, 2305/2105, 2308/2108**

SOCIAL SCIENCE

- ANTH 1311
- CLST 2315
- **ECON 2301**
- GOVT 1315, 1316 or 4310H (Honors students only)
- PSYC 1301
- SOCI 1311 or 4310H (Honors students only)