

SCIENCE TECHNOLOGY ENGINEERING MATH

STEM-MBA PROGRAM **BIOCHEMISTRY & MOLECULAR BIOLOGY BS/MBA WITH BUSINESS MINOR**

Earn an undergraduate degree in one of several science, technology, engineering or mathematics (STEM) fields — and an MBA — in just five years.

Combine the technical expertise of the science degree with the practical business knowledge of the MBA, and you have a unique skill set that will make you even more appealing in the competitive job market.

In the STEM-MBA program, students take business foundation courses as part of their undergraduate curriculum and then begin graduate-level coursework during their senior year. In the event students decide not to complete the fifth year and earn their MBA, the program is structured so they may still earn a minor in business administration. Students may complete an internship or co-op as part of the program so they have real world experience to share in the MBA classes.

In order to be considered for the STEM-MBA, applicants should note their interest when applying for admission to Marquette. These students will work with their undergraduate advisor as well as a Graduate School of Management advisor to ensure they are progressing toward their goal. Students formally apply to the Graduate School of Management during their junior year.

Employers are constantly looking for graduates with scientific, technical, and business skills. The STEM-MBA program will help you to stand out in today's high-tech workforce—with only one additional year in school.



October 2017

FALL 1 ♦ 17 credits		SPRING 1 ♦ 14–17 credits	
BIOL 1001	3 credits	BIOL 1002	3 credits
CHEM 1013 (or 1001)	4 credits	CHEM 1014 (or 1002)	4 credits
ENGL 1001	3 credits	ENGL 1002	3 credits
UCCS-HIST		ELECTIVE	0–3 credits
of CULT & SOC*	3 credits	MATH 1451 ¹	4 credits
MATH 1450 ¹	4 credits		
FALL 2 ♦ 15 credits		SPRING 2 ♦ 17 credits	
BIOL 2301	3 credits	BIOL 2201	3 credits
CHEM 2113 (or 2111)	4 credits	CHEM 2114 (or 2112)	4 credits
PHYS 1001 or 1003	4 credits	PHYS 1002 or 1004	4 credits
MATH 4740 ¹	3 credits	PHIL 1001	3 credits
BUAD 1060	1 credit	BUAD 2100 ²	3 credits
FALL 3 ♦ 19 credits		SPRING 3 ♦ 13–16 credits	
BIOL 4101	3 credits	Biochem/Mol Biol	
CHEM 3201	4 credits	Elective or	
THEO 1001	3 credits	Biol Lab course	3–4 credits
PHIL 2310	3 credits	CHEM 4431	4 credits
ECON 1001 ^{2,4}	3 credits	UCCS-LITERATURE*	3 credits
INSY 3001 ³	3 credits	MANA 3001	3 credits
		MARK 3001 ³	3 credits
FALL 4 ♦ 15–19 credits		SPRING 4 ♦ 13.5 credits	
BIOL 4102	3 credits	Biochem/	
Biochem/Mol Biol		Mol Biol Elective	3 credits
Elective or		MBA Elective ^{&}	3 credits
Biol Lab course	3–4 credits	MBA 6010 ¹	1.5 credits
UCCS-DIVERSE CULT [†]	3 credits	MBA 6100	3 credits
OSCM 3001 ³	3 credits	Elective	3 credits
UCCS-THEO	3 credits		
Elective	0–3 credits		
SUMMER SESSION 1 ♦ 4–5 credits		SUMMER SESSION 2 ♦ 3 credits	
MBA elective ^{&}	3 credits	MBA 6110 or	
MBA 6120/MBA 6130	1.5 credits	MBA elective ^{&}	3 credits
FALL 5 ♦ 9 credits		SPRING 5 ♦ 9 credits	
MBA 6120/MBA 6130	1.5 credits	MBA 6200	1.5 credits
MBA 6140/6150/6160	1.5 credits	MBA 6997	1.5 credits
MBA 6110 or		MBA 6140/6150/6160	1.5 credits
MBA elective ^{&}	3 credits	MBA 6140/6150/6160	1.5 credits
MBA Elective ^{&}	3 credits	MBA Elective ^{&}	3 credits

¹ MBA 6010 may be waived pending successful completion or waiver of MATH 1450 or 1451 AND MATH 4720, 4740 or 1700 (or other approved MATH statistics course) with "C" or better grade per undergraduate program requirements. Note: MBA degree requirements are reduced by 1.5 credits if MBA 6010 is waived.

² BUAD 2100 and ECON 1001 waive MBA 6020

³ INSY 3001, MARK 3001 and OSCM 3001 waive MBA 6030

⁴ Fulfills UCCS ISB requirement

^{*} Selection must be from the UCCS course selection designated by the College of Arts & Sciences to fulfill the BS degree requirements.

[†] MATH 4740 Biostatistical Methods and Models is the preferred statistics course, however MATH 1700 Modern Elementary Statistics, or equivalent will be accepted.

[&] A total of 15 credits of graduate electives are required for the MBA. These courses may be chosen from MBA courses or other graduate level electives. A maximum of 6 credits can be taken as MBA electives outside of business and can include science and/or math graduate courses.



- BS requires total of 120 credits minimum. MBA requires 33 credits of graduate credit if business minor requirements are fulfilled.
- Graduate classes (a maximum of 12 credits) taken as an undergraduate may double count for BS and MBA credits. Minimum of "B" grade required to transfer graduate level courses from undergraduate to graduate requirements
- All MBA electives must be graduate level courses 5000, 6000 or higher level courses. A maximum of 6 elective credits can be taken outside of the MBA program.

Business Minor

- Business Minor requirements: 22 credits

BUAD 1060*	1 credit
BUAD 2100	3 credits
ECON 1001	3 credits
Statistics**	3 credits
INTE 3001	3 credits
MANA 3001	3 credits
MARK 3001	3 credits
OSCM 3001	3 credits

*BIEN 1100, GEEN 1130, CEEN 1200, GEEN 1200 can be substituted

**One of: MATH 1700, MATH 4720, MATH 4740, PSYC 2001, BUAD 1560, MEEN 3426
(See undergraduate A&S degree requirements specific to your degree requirements)

Note:

- Only one course may transfer in for the business minor
- A "C" or better must be earned in each course above with the exception of BUAD 1060; a passing grade of "S" for BUAD 1060 is required.
- Questions about the business minor? Contact Assistant Dean in the College of Business Administration at **414-288-7142**
- This business minor plan is effective Fall 2017.

Interested in pursuing a STEM-MBA?

- Indicate your interest on your application for undergraduate admissions or as soon as possible when beginning studies at Marquette
- Apply for the MBA program during your junior year

**For MBA course advising,
contact Graduate School of Management at
414-288-7145 or MBA@marquette.edu**

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