

# SCIENCE TECHNOLOGY ENGINEERING MATH

STEM-MBA PROGRAM PHYSICS 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.



August 2017

FALL 1 ♦ 17 credits	SPRING 1 ♦ 15 credits
PHYS 1013 (recommended) 4 credits UCCS-HIST of CULT & SOC* 3 credits MATH 1450 <sup>1</sup> 4 credits ENGL 1001 3 credits THEO 1001 3 credits	PHYS 1014 (recommended) 4 credits Elective 3 credits MATH 1451 <sup>1</sup> 4 credits ENGL 1002 3 credits BUAD 1060 1 credit
FALL 2 ♦ 14 credits	SPRING 2 ♦ 16 credits
PHYS 1018 (recommended) 0 credits PHYS 2004 3 credits MATH 2450 4 credits PHIL 1001 3 credits CHEM 1001 4 credits	PHYS 2005 3 credits PHYS 2055 2 credits CHEM 1002 4 credits MATH 2451 4 credits ECON 1001 <sup>2,4</sup> 3 credits
FALL 3 ♦ 15 credits	SPRING 3 ♦ 15–18 credits
PHYS 3011 3 credits PHYS 4031 3 credits UCCS-THEO 3 credits PHIL 2310 3 credits BUAD 2100 <sup>2</sup> 3 credits	PHYS Elective (upper division) 3–6 credits MATH 1700 <sup>1</sup> or equivalent 3 credits UCCS-LITERATURE* 3 credits INSY 3001 <sup>3</sup> 3 credits MANA 3001 3 credits
FALL 4 ♦ 15 credits	SPRING 4 ♦ 10.5–12 credits
PHYS elective (upper division) 3 credits Elective 3 credits Elective 3 credits MARK 3001 <sup>3</sup> 3 credits OSCM 3001 <sup>3</sup> 3 credits	PHYS elective (upper division) 3 credits UCCS-DIVERSE CULT* 3 credits MBA 6010 <sup>1</sup> 1.5 credits MBA 6100 3 credits MBA Elective* 3 credits
SUMMER SESSION 1 ♦ 4.5 credits	SUMMER SESSION 2 ♦ 3 credits
MBA Elective 3 credits MBA 6120/6130 1.5 credits	MBA 6110 or MBA Elective 3 credits
FALL 5 ♦ 9 credits	SPRING 5 ♦ 9 credits
MBA 6120/6130 1.5 credits MBA 6140/6150/6160 1.5 credits MBA 6110 or Elective 3 credits MBA Elective 3 credits	MBA 6200 1.5 credits MBA 6997 1.5 credits MBA 6140/6150/6160 1.5 credits MBA 6140/6150/6160 1.5 credits MBA Elective 3 credits

<sup>1</sup> 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.

<sup>2</sup> BUAD 2100 and ECON 1001 waive MBA 6020

<sup>3</sup> INSY 3001, MARK 3001 and OSCM 3001 waive MBA 6030

<sup>4</sup> Fulfills UCCS ISB requirement

\* 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.

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

- BS requires total of 120 credits minimum. MBA requires 33 credits 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**

### **Graduate School of Management Marquette University**

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