

The University Senate of Michigan Technological University

Proposal 16-19 (Voting Units: Academic)

“Minor in Business”

1. December 10, 2018

2. Proposer Contact Information:

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3. Introduction

The School of Business Economics (SBE) proposes a new minor called “**Minor in Business.**” The minor aims to help Michigan Tech undergraduate students obtain the essential and fundamental business knowledge, skills, strategies, and experiences for their current as well as future career development. Students with the **Minor in Business** degree will graduate with an understanding of business dynamics as well as with analytical competencies required in a variety of business functional areas. Thus, aligning with their major degree, the **Minor in Business** will offer students a unique educational opportunity reflecting the identity of Michigan Technological University.

4. Rational

First, the SBE has engaged in an extensive strategic planning process with insights from a multitude of stakeholders including Michigan Tech engineering department chairs, the two college deans, successful graduates of Michigan Tech’s engineering programs, current STEM students, the SBE’s Dean’s Advisory Council, and Michigan Tech’s Career Services. In particular, the stakeholders have highlighted the importance of business education for the Michigan Tech STEM undergraduates who would greatly benefit by learning business terminologies and principles, strategic decision making, market-orientation, and management. The Minor in Business would provide students with a pathway into management positions. **Second**, the School of Business and Economics has made on-going efforts to offer a differentiated value proposition by integrating technology, innovation, and business. The mixing of STEM students and business students in the business context will promote this differentiation, which will add unique value to both groups of students. **Third**, the entrepreneurship is a key component of Michigan Tech’s strategic plan. Exposure to the business principles will instill the business skills and help grow the entrepreneurial spirit in the broader Michigan Tech student body. **Last**, Michigan Tech’s Career Services has relayed information that companies are now becoming interested in what minors students pursue to demonstrate larger breadth in their skill sets.

5. Details

I. Title of Minor: Minor in Business

II. Catalog Description:

The Minor in Business offers the essential and fundamental knowledge, skills, strategies, and experiences in business.

III. List of Courses:

Note: A minimum of 9 credits of 3000-level or higher must be completed at Michigan Tech. Student must take at least 12 credits from the Required Courses.

Required Courses (Total Minimum Credits Required: 12)

Block I (1000-2000 Level): choose at least 3 credits

ACC2000 Accounting Principles I (3 cr.)

ACC2100 Accounting Principles II (3 cr.)

BUS1100 Introduction to Business (3 cr.)

BUS2200 Business Law (3 cr.)

BUS2300 Quantitative Problem Solving (3 cr.)

EC 2001 Principles of Economics (3 cr.)

FIN2400 Finance Literacy (3 cr.)

MIS2000 IS/IT Management (3 cr.)

MGT2000 Team Dynamics and Decision Making (3 cr.)

Block II (3000-4000 Level): choose at least 6 credits

MGT3000 Organizational Behavior (3 cr.)

MKT3000 Principles of Marketing (3 cr.)

OSM3000 Operations & Supply Chain Management (3 cr.)

FIN3000 Principles of Finance (3 cr.) or EC3400 Economic Decision Analysis (3 cr.)

Block III (Specific Business Areas): choose at least 3 credits

ACC3000 Accounting Theory/ Practice I (3 cr.)

ACC3500 Managerial/ Cost Accounting I (3 cr.)

FIN4000 Investment Analysis (3 cr.)

FIN4300 Personal Financial Planning (3 cr.)

MGT3800 Entrepreneurship (3 cr.)

MGT4600 Management of Technology and Innovation (3 cr.)

OSM4300/ENG4300 Project Management (3 cr.)

OSM3600 Procurement & Supply Management (3 cr.)

MIS3100 Business Database Management (3 cr.)

MIS4200 Management of Cyber Security (3 cr.)

MKT3200 Consumer Behavior (3 cr.)

MKT4100 Sales and Sales Management (3 cr.)

Elective Courses

Broad Business Areas: add 0 to 6 Credits

EC3100 International Economics (3 cr.)

HU3120 Technical & Professional Communication (3 cr.)

PSY3070 Cross Cultural Psychology (3 cr.)

SS3610 International Law (3 cr.)

SS3650/MGT3650 Intellectual Property Management (3 cr.)

Total Credit Required = 18

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: ACC2100 (ACC 2000), ACC3000(ACC 2000), ACC3500(ACC 2100), BUS2300 ((BUS 2100 or MA 2710 or MA 2720 or MA 3710 or MA 3720)), EC2001 (MA 1020 or MA 1031 or MA 1032 or MA 1135(C) or MA 1160(C) or MA 1161(C)), EC3100 (EC 2001 and UN 1015 and (UN 1025 or Modern Language - 3000 level or higher)), EC3400 (UN 1015 and (UN 1025 or Modern Language - 3000 level or higher)), FIN3000 ((MA 2710 or MA 2720 or MA 3710 or BUS 2100), FIN4000 (EC 3400 or FIN 3000), FIN4300 (BA 3400 or EC 3400 or FIN 3000), HU3120 (UN 1015 and (UN 1025 or Modern Language - 3000 level or higher)), MIS2000 (BUS 1100 or CS 1121 or CS 1131 or ENG 1101 or (ENG 1001 and ENG 1100) or SAT 1200)), MIS3100 (MIS 2000(C)), MIS4200 (MIS 2000 or CS 1111 or CS 1121 or CS 1131), MKT3200 (MKT 3000), MKT4100 (MKT 3000), OSM3000 ((MA 1135 or MA 1160 or MA 1161) and (MA 2710 or MA 2720 or MA 3710 or MA 3720 or EET 2010 or BUS 2100)), and ACC 2100)), OSM4300/ENG4300 (BUS 2100 or CEE 3710 or MA 2720 or MA 3710 or EE 3180 or BE 2100), PSY3070 (PSY 2000 and UN 1015 and (UN 1025 or Modern Language - 3000 level or higher)), SS3610 (UN 1015 and (UN 1025 or Modern Language - 3000 level or higher)), SS3650/MGT3650 (UN 1015 and (UN 1025 or Modern Language - 3000 level or higher))

IV. New Course Descriptions:
N/A

V. Estimated Costs:
No additional costs needed

VI. Planned Implementation Date:
Fall 2019