

BACHELOR OF SCIENCE IN TECHNOLOGY MANAGEMENT WITH NO DECLARED MINOR OR CONCENTRATION (BSTMM)

(Please see the *Undergraduate Program Offerings by Campus* chart in the catalog or on the Herzing Website at www.herzing.edu/career-programs/downloads for a list of Herzing campuses offering this program.)

PROGRAM DESCRIPTION

This program of study is designed to provide students with foundation skills and knowledge in various technical areas (e.g., computer science, computer-aided drafting, or electronics). In addition, this program is further designed to teach the student the necessary business skills and academic knowledge for entry-level management positions in a technical environment.

PROGRAM OBJECTIVES

Upon completion of this program, the student should be able to:

1. Solve problems in an information technology business environment.
2. Integrate technological solutions into the business management environment.
3. Manage the creation of high-level language programs in support of organizational needs.
4. Supervise the design, maintenance, and recovery of relational database systems.
5. Communicate effectively to both individuals and groups, orally and in writing, using industry standard software.
6. Think critically at a conceptual level and by using mathematical analysis as well as the scientific method, write and speak effectively, use basic computer applications, and understand human behavior in the context of the greater society in a culturally diverse world.

POTENTIAL OCCUPATIONAL TITLES

Potential occupational titles for this program include, but are not limited to, general manager and operations manager.

PROGRAM CONTENT

A minimum of 131.00 semester credit hours is required for graduation.

REQUIRED MANAGEMENT CORE COURSES

All courses, 33.00 semester credit hours, are required.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
AC 107	Accounting I	IS 102	3.00
AC 220	Finance	AC 107	3.00
BU 106	Introduction to Management	None	3.00
BU 204	The Digital Firm and Business Communications	BU 106	3.00
BU 206	Business Law I	None	3.00
BU 302	Leadership and Organizational Behavior	BU 106	3.00
BU 327	Business Ethics	BU 206	3.00
BU 345 or IT 345	Project Management or Information Technology Project Management	None IS 102	3.00
BU 407	Quantitative Decision Making	MA 204 or MA 225 or MA 320	3.00
EC 111	Principles of Microeconomics	None	3.00
EC 121	Principles of Macroeconomics	None	3.00

REQUIRED TECHNICAL COURSES

A minimum of 30.00 semester credit hours of technical courses is required. The 30.00 hours of technical courses must come from either:

- ♦ The technical courses in the BSTMIT or BSTMSD minors (refer to the individual program outlines for those minors).
- OR
- ♦ By transferring a coherent sequence of courses in a recognized field of technology (e.g., civil engineering technology, mechanical design technician, industrial engineering technician, biomedical electronics technology, computer electronics technology, electronic engineering technology, architectural technology, mechanical and computer, drafting, computer information systems (information technology), telecommunications technology, or aviation/aeronautics technology) from an accredited institution.

OPEN ELECTIVE COURSES

A minimum of 26.00 semester credit hours of open electives is required. A minimum of 4.00 semester credit hours must be at the 300- to 400-level.

- ♦ Completion of BU 345 Project Management or IT 345 Information Technology Project Management eliminates either course as an additional elective (see Required Management Core Courses). Completion of BU 482 Strategic Management or IS 481 IT Strategic Management eliminates either course as an additional elective.

REQUIRED CAPSTONE OR INTERNSHIP

3.00 semester credit hours are required.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
BU 491	Capstone Project	Final semester	3.00
BU 495 *	Internship	Final semester, PGPA of 2.50 or better, and PD 214	3.00

* Online students in some states may not be allowed to take this internship due to state restrictions.

REQUIRED COURSES IN GENERAL EDUCATION

Students enrolled in this bachelor's degree must complete a minimum of 37.00 semester credit hours in general education distributed among the following disciplines. A minimum of 9.00 semester credit hours must be upper level (300-400 level courses). Refer to the General Education section of the catalog for Herzing University courses that would satisfy these requirements. *

- 4.00 Semester Credit Hours in Computer Applications ♦
- 3.00 Semester Credit Hours in Cultural Diversity
- 6.00 Semester Credit Hours in English Composition or Literature
- 3.00 Semester Credit Hours in General Education Electives ♦
- 3.00 Semester Credit Hours in Humanities With a Critical Thinking Focus ** ♦
- 1.00 Semester Credit Hour in Information Literacy
- 7.00 Semester Credit Hours in Mathematics (College Algebra or Above)
- 4.00 Semester Credit Hours of Natural Science With a Lab Component
- 3.00 Semester Credit Hours in Social or Behavioral Science
- 3.00 Semester Credit Hours in Speech

* Transfer students may transfer courses that are within 1.00 semester credit hour of the courses listed above to meet these discipline requirements. Any resulting deficiency in the total of 37.00 semester credit hours required in general education may be made up with general education electives from any of the listed disciplines.

** A course with a critical thinking focus would be a course that addresses the theories and application of critical analysis with an emphasis on developing sequential reasoning skills. Examples may be courses in critical thinking, philosophy, logic, or science.

- ♦ The state of Minnesota requires a minimum of 30.00 semester credit hours of general education for bachelor's degrees, not counting computer applications. However, all Herzing University students in the BSTMNM program must complete a minimum of 37.00 semester credit hours in general education, including computer applications, to complete the requirement for graduation from this bachelor's degree program. Minnesota students must complete at least 4.00 semester credit hours of general education in the humanities.

PERSONAL AND PROFESSIONAL DEVELOPMENT COURSES

2.00 semester credit hours are required. Students taking the BU 495 Internship must also take PD 214.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
PD 121	Professional Development I	None	1.00
PD 202	Professional Development II	None	1.00
PD 214	AS/AAS/BS/Diploma Internship Preparation	None	0.00

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at <http://www.herzing.edu/career-programs/undergraduate-degrees/technology/technology-management>.