

**BUSINESS ADMINISTRATION MAJOR  
HIGH TECHNOLOGY MANAGEMENT OPTION**

Total High Technology Management Option Units-55  
Minimum Total Units to Graduate-124

**FOUNDATIONS OF BUSINESS COURSES (14 UNITS):**

Course #	Course Name	Units	Grade	Sem	Comments	Need	IP	Met
BUS 302*	Foundations of Business Environments	2						
BUS 304*	Data Analysis	4			Prerequisite for OM 305 and OM 406			
FIN 304*	Introduction to Corporate Finance	4						
MGMT 302*^	Foundations of Management	2			MGMT 302 (2) or MGMT 305 (4)			
MKTG 302*^	Foundations of Marketing	2			MKTG 302 (2) or MKTG 305 (4)			

\*Prerequisite for Capstone and Senior Experience.

^Equivalent 4-unit course can be substituted for this 2-unit course with 2 units applied toward HTM electives.

**HIGH TECHNOLOGY MANAGEMENT CORE COURSES (12 UNITS):**

Course #	Course Name	Units	Grade	Sem	Comments	Need	IP	Met
MIS 304*	Management Information Systems	4			(Previously HTM 304)			
OM 305*	Operations Management	4			(Previously HTM 305)			
OM 406	Decision Models: A Computer Integrated Approach	4			(Previously HTM 406)			

\*Prerequisite for Capstone and Senior Experience.

**HIGH TECHNOLOGY MANAGEMENT ELECTIVES (20 UNITS):**

A minimum of 16 units must be selected from HTM electives (units outside of HTM may be substituted with approval from CoBA). The remaining 4 units can be taken from electives in ACCT, FIN, GBM, HTM, MGMT, MIS, or MKTG. No more than 4 units from the ACCT, FIN, MGMT, or MKTG option core can be counted as elective credits. Students in this option cannot take ACCT 308 for credit.

Course #	Course Name	Units	Grade	Sem	Comments	Need	IP	Met
MIS 411	Database Management Systems	4			(Previously HTM 411)			
MIS 425	Systems Analysis and Design	4			(Previously HTM 425)			
MIS 426	Telecommunications for Management	4			(Previously HTM 426)			
MIS 427	Multimedia in Business	4			(Previously HTM 427)			
MIS 430	Wireless Communication Technology	4			(Previously HTM 430)			
MIS 329	Intro to Object-Oriented Business Systems	4			(Previously HTM 429)			
MIS 481-5	Selected Topics in Management Info Systems	1-4			(Previously HTM 481-5)			
MIS 498	Independent Study in Management Info Systems	1-4			(Previously HTM 498)			
OM 428	Supply Chain Management	4			(Previously HTM 428)			

**CAPSTONE (4 UNITS):**

Course #	Course Name	Units	Grade	Sem	Comments	Need	IP	Met
BUS 444	Strategic Management	4			To be taken prior to Senior Experience.			

**SENIOR EXPERIENCE (5 UNITS):**

(BUS 492 & BUS 493 is a two-course sequence taken in the same semester.)

Course #	Course Name	Units	Grade	Sem	Comments	Need	IP	Met
BUS 492	Problem Assessment and Critical Thinking	1			1 <sup>st</sup> part of Senior Experience			
BUS 493	Problem Analysis and Implementation	4			2 <sup>nd</sup> part of Senior Experience			

**SUCCESS IN BUSINESS** is associated with firms that strategically use and develop sophisticated operations and information technologies. The High Technology Management (HTM) option is dedicated to the advancement of organizations through the use of state-of-the-art technologies, strategies, systems, tools and techniques. Students graduating with an Option in HTM are expected to have strong skills in a subset of information technology and operations management. Typical abilities of an HTM graduate should include proficiency areas such as systems analysis and design, database management, multi-media, information technology, e-commerce, telecommunications management, management science modeling, quality management, supply-chain management, and inventory management and control. Knowledge gained in HTM coursework can be applied to industries such as biotechnology, computer hardware, software and peripherals, telecommunications, manufacturing, defense and aerospace. However, nearly every organization, no matter how traditional or simple the product or service, can benefit from strategic, prudent use of technology.