

MANAGEMENT INFORMATION SYSTEMS, BACHELOR OF SCIENCE

2018-2019 Degree Plans

University Core Requirements (42 hours):	UHCL Course Title	TCCNS*	CODE
Communications (6 hours):	WRIT 1301—Composition I (<i>Grade must be "C-" or better</i>)	ENGL 1301	010
	WRIT 1302—Composition II (<i>Grade must be "C-" or better</i>)	ENGL 1302	010
Mathematics (3 hours):	MATH 1324—Finite Math (<i>Grade must be "C-" or better</i>)	MATH 1324	020
Life and Physical Sciences (6 hours):	Choose TWO courses from the core approved list		030
Language, Philosophy, and Culture (3 hours):	Choose ONE course from the core approved list		040
Creative Arts (3 hours):	Choose ONE course from the core approved list		050
U.S. History (6 hours):	HIST 1301—U.S. History I	HIST 1301	060
	HIST 1302—U.S. History II	HIST 1302	060
Government/Political Science (6 hours):	POLS 2305—Federal Government	GOVT 2305	070
	POLS 2306—Texas Government	GOVT 2306	070
Social/Behavioral Science (3 hours):	ECON 2301—Principles of Macroeconomics (Other courses may meet this requirement, however, ECON 2301 will still be required for all Business majors)	ECON 2301	080
Component Area Option (6 hours):	COMM 1315—Public Speaking	SPCH 1315	090
	PSYC 1100—Learning Frameworks	PSYC 1100	090
	Two 1-hr Life/Physical Science Labs		090

Business Core Requirements (48 hours):	UHCL Course Title	TCCNS*	CODE
	ACCT 2301—Principles of Accounting I	ACCT 2301	
	ACCT 2302—Principles of Accounting II	ACCT 2302	
	BAPA 1301---Business Principles (<i>effective fall 2017</i>)	BUSI 1301	
	ECON 2302—Principles of Microeconomics	ECON 2302	
	ISAM 1305—Business Computer Applications (<i>effective fall 2016</i>)	BCIS 1305	
	LEGL 2301—Legal Environment of Business	BUSI 2301	
	MATH 1325—Business Calculus	MATH 1325	
	*DSCI 3321—Statistics I		
	*DSCI 3331—Quantitative Methods for Management		
	*ECON 3311—Money and Banking		
	*FINC 3331—Business Finance		
	*ISAM 3303—Information Systems for Management		
	*MGMT 3301—Management Theory and Practice		
	*MGMT 4312—Strategic Management (Capstone Course - permission required)		
	*MKTG 3301—Principles of Marketing		
	*WRIT 3312—Written Communication in Business		
	<i>*Maximum of two grades of D-, D or D+ allowed in upper-level core.</i>		

Management Information Systems Major Requirements (30 hours):*All major requirements must be grades of C- or higher*

ISAM 3304—Introduction to Business Applications Programming
ISAM 3314—Applications Development with Java
ISAM 3331—Introduction to Business Database Application Development
ISAM 3333—Applications Development with C#
ISAM 4331—Introduction to Business Internet Applications Development
ISAM 4332—Advanced Business Internet Applications Development
ISAM 4362—Advanced Business Database Applications Development
ISAM 4365—Analysis and Design of Information Systems
ISAM 4366—Introduction to Computer Networks Management
ISAM Elective—Any ISAM 33XX or 43XX in addition to above requirements

General Degree Requirements

- Students must complete at least 120 semester credit hours. A minimum of 57 hours of the 120 semester hours must be advanced (3000-4000 level) course work according to the requirements of the respective major.
- Students must complete the University Core Curriculum requirements (refer to Core Curriculum Requirements section of this catalog).
- Students must fulfill the statutory requirements of the Texas State Education Code, including the following:
 - Six hours of U.S. History (three hours may be Texas History).
 - Six hours of Constitutions of the United States and Texas.
- Students must demonstrate writing proficiency by completing nine hours of lower-level (1000-2000 level) and upper-level (3000-4000 level) English composition course credit with a minimum grade of "C-" or better. Some majors may require higher grades in English composition.
- Students must complete at least 25% of the credit hours required for the degree (i.e., 30 semester credit hours for a 120 credit hour program) through instruction offered by UHCL to fulfill the Southern Association of Colleges and Schools (SACS) residency requirements.
- Students must complete the final 30 semester hours of 3000 and 4000 level course work in residence at UHCL.
- Students must complete a minimum of 12 semester credit hours of upper-level (3000-4000 level) coursework in the major in residence at UHCL.
- Students must have a cumulative GPA of 2.000 on course work completed at UHCL with grades of "C" or better on at least 30 hours of resident upper-level work. Grades of "C-" or below cannot be applied toward the 30 hours of resident upper-level work.