MANAGEMENT INFORMATION SYSTEMS (B.S.BUS.)

Required course work includes the university requirements (see regulation J-3 (https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/)), the college requirements, and:

Code	Title	Hours
College of Business & Economics Requirements (https://catalog.uidaho.edu/colleges-related-units/business-economics/#generalgraduationrequirementstext)		54-57
Major Requirements		24
Total Hours		78-81

Major Requirements

Code	Title	Hours
CS 112	Computational Thinking and Problem Solving	3
or CS 120	Computer Science I	
or MIS 250	Introductory Systems Development	
MIS 353	Application Development	3
MIS 355	Systems Analysis & Administration	3
MIS 440	Data Visualization for Managerial Decision Making	3
MIS 452	Data Communications & Network Management	3
MIS 453	Database Design	3
Select at least two additional Restricted MIS elective courses from the following OR one 400 level course offered by College of Business and Economics and one course from the following:		6
ACCT 305	Accounting Information Systems	
ACCT 421	Accounting Data Analytics	
CS 120	Computer Science I	
CS 210	Programming Languages	
CS 240	Computer Operating Systems	
CS 270	System Software	
CYB 110	Cybersecurity and Privacy	
CYB 210	Cybersecurity Architectures and Management	
ECON 453	Econometrics	
FIN 463	Portfolio Management	
GEOG 385	Foundations of GIS	
GEOG 390	Cartographic Design & Geovisualization	
MGT 417	Deploying and Developing Human Capital	
MIS 454	Issues in Information Systems	
MIS 456	Cybersecurity Competition	
MKTG 431	Marketing Analytics	
OM 378	Project Management	
OM 439	Systems and Simulation	
Total Hours		24

Courses to total 120 credits for this degree

A. PGA Golf Management Option

Code	Title	Hours
PGA 103	Introduction to PGA Golf Management	2
PGA 150	PGA Golf Management I	3
PGA 251	PGA Golf Management II [1]	3
PGA 298	Internship (Max 6 credits)	4
PGA 385	PGA Golf Management III	3
PGA 398	Internship	1-3
PGA 105	Introduction to PGA Teaching and Coaching (Level 1)	3
PGA 205	Intermediate PGA Teaching and Coaching (Level 2)	3
PGA 305	Advanced PGA Teaching and Coaching (Level 3)	3
Total Hours		25-27

[1] PGA 251 and PGA 385, together, can be used to meet the requirement for the Specialized Elective or the Marketing & Entrepreneurship Elective.

Courses to total 129 credits for this degree.

In addition to all other requirements, students must take at least 9 credits from outside the CBE in addition to those specifically required. These may be chosen from the restricted electives or from other courses.

Fall Term 1		Hours
COMM 101	Fundamentals of Oral Communication	3
BUS 190	Integrated Business and Value Creation	3
ENGL 101	Writing and Rhetoric I	3
MATH 143	Precalculus I: Algebra	3
Scientific Ways of Knowing Course		4
	Hours	16
Spring Term 1		
ENGL 102	Writing and Rhetoric II	3
Humanistic and Artistic Ways of Knowing Course		3
Scientific Ways of Knowing Course		4
American Diversity Course		3
CS 112	Computational Thinking and Problem Solving	3
or CS 120	or Computer Science I	
or MIS 250	or Introductory Systems Development	
	Hours	16
Fall Term 2		
ACCT 201	Introduction to Financial Accounting	3
ECON 201	Principles of Macroeconomics	3
BLAW 265	Legal Environment of Business	3
STAT 251	Statistical Methods	3
PHIL 208	Business Ethics	3
	Hours	15
Spring Term 2		
ACCT 202	Introduction to Managerial Accounting	3
ECON 202	Principles of Microeconomics	3
BUS 354	Business Analytics	3
MGT 310	Leading Organizations and People	3
ENGL 207 OR ENGL 208 OR ENGL 313 OR ENGL 317 OR PHIL 201		3
	Hours	15
Fall Term 3		
FIN 301	Financial Resources Management	3
MKTG 321	Marketing	3
MIS 350	Managing Information	3
OM 370	Introduction to Operations and Supply Chain Management	3

Social and Behavioral Ways of Knowing Course		3
	Hours	**15**
Spring Term 3		
MIS 353	Application Development	3
UPDV Economics, Major Elective Course		3
Elective Course		3
Non CBE Elective, Major Elective Course		3
Non CBE Elective, Major Elective Course		3
	Hours	**15**
Fall Term 4		
MIS 355	Systems Analysis & Administration	3
MIS 453	Database Design	3
Restricted, Major Elective Course		3
MIS 452	Data Communications & Network Management	3
Restricted, Major Elective Course		3
	Hours	**15**
Spring Term 4		
BUS 490	Strategic Management	3
International Course		3
MIS 440	Data Visualization for Managerial Decision Making	3
Non CBE Elective, Major Elective Course		3
Elective Course		1
	Hours	**13**
	Total Hours	**120**

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A. PGA Golf Management Option

Fall Term 1		**Hours**
BUS 190	Integrated Business and Value Creation	3
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	Writing and Rhetoric I	3
MATH 143	Precalculus I: Algebra	3
PGA 103	Introduction to PGA Golf Management	2
Scientific Ways of Knowing Course		4
	Hours	**18**
Spring Term 1		
CS 112	Computational Thinking and Problem Solving	3
ENGL 102	Writing and Rhetoric II	3
PGA 150	PGA Golf Management I	3
PHIL 208	Business Ethics	3
Scientific Ways of Knowing Course		4
	Hours	**16**
Summer Term 1		
PGA 298	Internship	2
	Hours	**2**
Fall Term 2		
ACCT 201	Introduction to Financial Accounting	3
BLAW 265	Legal Environment of Business	3
ECON 201	Principles of Macroeconomics	3
STAT 251	Statistical Methods	3
PGA 251	PGA Golf Management II	3
	Hours	**15**
Spring Term 2		
ACCT 202	Introduction to Managerial Accounting	3

BUS 354	Business Analytics	3
ECON 202	Principles of Microeconomics	3
MGT 310	Leading Organizations and People	3
PGA 105	Introduction to PGA Teaching and Coaching (Level 1)	3
	Hours	**15**
Summer Term 2		
PGA 298	Internship	2
	Hours	**2**
Fall Term 3		
FIN 301	Financial Resources Management	3
MKTG 321	Marketing	3
MIS 350	Managing Information	3
OM 370	Introduction to Operations and Supply Chain Management	3
PGA 205	Intermediate PGA Teaching and Coaching (Level 2)	3
	Hours	**15**
Spring Term 3		
MIS 353	Application Development	3
PGA 385	PGA Golf Management III	3
Non-CBE Elective, Major Elective Course		3
Non-CBE Elective, Major Elective Course		3
Upper-division Economics, Major Elective Course		3
	Hours	**15**
Summer Term 3		
PGA 398	Internship	3
	Hours	**3**
Fall Term 4		
MIS 453	Database Design	3
MIS 355	Systems Analysis & Administration	3
MIS 452	Data Communications & Network Management	3
ENGL 207 OR ENGL 208 OR ENGL 313 OR ENGL 317 OR PHIL 201		3
American Diversity Course		3
	Hours	**15**
Spring Term 4		
BUS 490	Strategic Management	3
MIS 440	Data Visualization for Managerial Decision Making	3
Humanistic and Artistic Ways of Knowing Course		3
PGA 305	Advanced PGA Teaching and Coaching (Level 3)	3
International Course		3
	Hours	**15**
Summer Term 4		
PGA 398	Internship	3
	Hours	**3**
	Total Hours	**134**

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1. Students will develop and demonstrate a business application based on user requirements.
2. Students will demonstrate an understanding of telecommunications systems and the management of MIS.
3. Students will demonstrate an understanding of the relational database model.

4. Students will identify IS threats and plan a security plan.
5. Students will identify the problems of and economics of big data.