BUSINESS INFORMATION AND ANALYTICS (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
BIA 4400	Data Visualization for Managerial Decision Making	3
BIA 4530	Database Design	3
BIA 4610	Advanced Business Analytics	3
BIA 4650	Data Management and Security in the Cloud	3
ECON 4530	Econometrics	3
OM 3780	Project Management	3
Select at least two additional Restricted BIA elective courses from the following OR two 4000-level courses offered by the College of Business and Economics and one course from the following:		6
OM 4700	Supply Chain Analytics	
MKTG 4310	Marketing Analytics	
ACCT 3050	Accounting Information Systems	
ACCT 4210	Accounting Data Analytics	
FIN 4630	Portfolio Management	
CS 2120	Practical Python	
CYB 1100	Cybersecurity and Privacy	
CYB 2100	Cybersecurity Architectures and Management	
Total Hours		**24**

Courses to total 120 credits for this degree

A. PGA Golf Management Option

Code	Title	Hours
PGA 1030	Introduction to PGA Golf Management	2
PGA 1050	Introduction to PGA Teaching and Coaching (Level 1)	3
PGA 1500	PGA Golf Management I	3
PGA 2050	Intermediate PGA Teaching and Coaching (Level 2)	3
PGA 2510	PGA Golf Management II	3
PGA 2980	Internship (Max 6 credits)	4
PGA 3050	Advanced PGA Teaching and Coaching (Level 3)	3
PGA 3850	PGA Golf Management III	3
PGA 3980	Internship	6
Total Hours		**30**

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.

Courses to total 134 credits for this degree

Fall Term 1		**Hours**
BUS 1900	Integrated Business and Value Creation	3
COMM 1101	Fundamentals of Oral Communication	3
ENGL 1101	Writing and Rhetoric I	3
MATH 1143	Precalculus I: Algebra	3
Scientific Ways of Knowing Course		4
	Hours	**16**
Spring Term 1		
BUS 2100	Business Career Readiness	1
ECON 2201	Principles of Macroeconomics	3
ENGL 1102	Writing and Rhetoric II	3
Scientific Ways of Knowing Course		4
American Experience Course		3
	Hours	**14**
Fall Term 2		
ACCT 2010	Introduction to Financial Accounting	3
ECON 2202	Principles of Microeconomics	3
BLAW 2650	Legal Environment of Business	3
PHIL 2080 or PHIL 1103	Business Ethics or Introduction to Ethics	3
STAT 2510	Statistical Methods	3
BUS 2200	Business Foundations of Excel	1
	Hours	**16**
Spring Term 2		
ACCT 2020	Introduction to Managerial Accounting	3
BUS 2300	Business Professionalism	1
BUS 3540	Business Analytics	3
MGT 3100	Leading Organizations and People	3
BIA 3500	Managing Information	3
ENGL 2070 OR ENGL 2080 OR ENGL 3130 OR ENGL 3170 OR PHIL 2010		3
	Hours	**16**
Fall Term 3		
FIN 3010	Financial Resources Management	3
MKTG 3210	Marketing	3
BIA 4530	Database Design	3
OM 3700	Introduction to Operations and Supply Chain Management	3
Social and Behavioral Ways of Knowing Course		3
	Hours	**15**
Spring Term 3		
ECON 4530	Econometrics	3
BIA 4400	Data Visualization for Managerial Decision Making	3
Humanistic & Artistic Ways of Knowing Course		3
Elective Course		3
Major Elective Course		3
	Hours	**15**
Fall Term 4		
BIA 4650	Data Management and Security in the Cloud	3
OM 3780	Project Management	3
Restricted, Major Elective Course		3
Restricted, Major Elective Course		3
UPDV ECON, Major Elective Course		3
	Hours	**15**
Spring Term 4		
BIA 4610	Advanced Business Analytics	3
BUS 4900	Strategic Management	3

International Course		3
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 1900	Integrated Business and Value Creation	3
COMM 1101	Fundamentals of Oral Communication	3
ENGL 1101	Writing and Rhetoric I	3
MATH 1143	Precalculus I: Algebra	3
PGA 1030	Introduction to PGA Golf Management	2
Scientific Ways of Knowing Course		4
	Hours	**18**
Spring Term 1		
BUS 2100	Business Career Readiness	1
ECON 2201	Principles of Macroeconomics	3
ENGL 1102	Writing and Rhetoric II	3
PGA 1500	PGA Golf Management I	3
PHIL 2080 or PHIL 1103	Business Ethics or Introduction to Ethics	3
Scientific Ways of Knowing Course		4
	Hours	**17**
Summer Term 1		
PGA 2980	Internship	2
	Hours	**2**
Fall Term 2		
ACCT 2010	Introduction to Financial Accounting	3
BLAW 2650	Legal Environment of Business	3
BUS 2200	Business Foundations of Excel	1
ECON 2202	Principles of Microeconomics	3
STAT 2510	Statistical Methods	3
PGA 2510	PGA Golf Management II	3
	Hours	**16**
Spring Term 2		
ACCT 2020	Introduction to Managerial Accounting	3
BUS 2300	Business Professionalism	1
BUS 3540	Business Analytics	3
MGT 3100	Leading Organizations and People	3
BIA 3500	Managing Information	3
PGA 1050	Introduction to PGA Teaching and Coaching (Level 1)	3
	Hours	**16**
Summer Term 2		
PGA 2980	Internship	2
	Hours	**2**
Fall Term 3		
FIN 3010	Financial Resources Management	3
BIA 4400	Data Visualization for Managerial Decision Making	3
MKTG 3210	Marketing	3
OM 3700	Introduction to Operations and Supply Chain Management	3
PGA 2050	Intermediate PGA Teaching and Coaching (Level 2)	3
	Hours	**15**
Spring Term 3		
ECON 4530	Econometrics	3
PGA 3850	PGA Golf Management III	3
Humanistic & Artistic Ways of Knowing Course		3
Restricted Elective, Major Elective Course		3
Restricted Elective, Major Elective Course		3
	Hours	**15**
Summer Term 3		
PGA 3980	Internship	3
	Hours	**3**
Fall Term 4		
BIA 4650	Data Management and Security in the Cloud	3
BIA 4530	Database Design	3
OM 3780	Project Management	3
ENGL 2070 OR ENGL 2080 OR ENGL 3130 OR ENGL 3170 OR PHIL 2010		3
American Experience Course		3
	Hours	**15**
Spring Term 4		
BIA 4610	Advanced Business Analytics	3
BUS 4900	Strategic Management	3
PGA 3050	Advanced PGA Teaching and Coaching (Level 3)	3
International Course		3
UPDV ECON, Major Elective Course		
	Hours	**12**
Summer Term 4		
PGA 3980	Internship	3
	Hours	**3**
	Total Hours	**134**

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1. Students will develop the ability to effectively plan, execute, and manage data-driven projects to ensure successful outcomes.
2. Students will acquire proficiency in econometric techniques and predictive modeling to analyze trends and forecast business performance based on data.
3. Students will master the creation of compelling visualizations that clearly communicate complex data insights and support managerial decision-making.
4. Students will understand database design principles and practices to effectively organize, manage, and retrieve data in various business contexts.
5. Students will develop advanced analytical skills and understand best practices in data management, cloud computing, and security to ensure data integrity and confidentiality.