

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 ¹	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

¹ PGA 2510 and PGA 3850, 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
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		Hours
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		Hours
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		Hours
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		Hours
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		Hours
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		Hours
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

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

The degree map is a guide for the timely completion of your curricular requirements. Your academic advisor or department may be contacted for assistance in interpreting this map. This map is not reflective of your academic history or transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding your official degree/certificate completion status.

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 Business Ethics or PHIL 1103 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
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.