

Student ID: _____
 Student Name: _____
 Advisor Name: _____

Catalog: 2026-2027 Rowan University Academic Catalog
 Program: Bachelor of Science in Information Systems & Analytics
 Minimum Credits Required: _____

Bachelor of Science in Information Systems & Analytics

The Bachelor of Science in Information Systems & Analytics prepares students for careers in a rapidly changing technological world by training them to analyze business problems, challenges and opportunities, apply data-driven analytical techniques, and to subsequently design, develop, implement and maintain business solutions through the use of information and information technology.

Students specializing in ISA learn how to analyze complex business situations, solicit and analyze information from individuals and systems, write specification documents, effectively communicate with both technical and non-technical people, design and develop technological solutions, implement and integrate various technologies, propose and evaluate alternative solutions, develop and manage project plans, and assess system success and organizational impacts. Critical thinking and communication skills are emphasized as students become proficient in designing, developing and implementing information technology and analytics-enhanced solutions.

Rowan Core: 9 s.h.

All first-time Freshmen must complete the Rowan University Core Literacies. There are six literacies:

- Communicative Literacy (COML) - 9 s.h. Satisfied by taking the following three courses:
 - COMP 01111 College Composition I
 - COMP 01112 College Composition II
 - CMS 04205 Public Speaking or CMS 04206 Digital Presentations
- Artistic Literacy (ARTL)
- Global Literacy (GLBL)
- Humanistic Literacy (HUML)
- Quantitative Literacy (QNTL)
- Scientific Literacy (SCIL)

Majors may suggest courses to fulfill the above literacies, which will be applied elsewhere.

A complete listing of courses that fulfill the above literacies can be found here [Undergraduate Program Requirements](#).

Rowan Experience

Students must satisfy all three Rowan Experience attributes. Credits attached to the courses in this section will apply elsewhere.

The attributes are as follows:

- Broad-Based Literature Attribute (LIT)
- Writing Intensive Attribute (WI)
- Rowan Seminar Attribute* (RS)

Departments may recommend courses to fulfill these attributes. A complete listing of courses that satisfy these attributes can be found at [Undergraduate Program Requirements](#).

*The Rowan Seminar requirement is waived for all students transferring 24 or more approved credits into Rowan University at the time of initial entry.

Non-Program Courses: 20-21 s.h.

Courses in this section cannot be in the major department.

Course Name	Credits:	Term Taken	Grade	Gen Ed
CS 01107 - Introduction to Programming for Business Applications	Credits: 3			
ECON 04101 - An Introduction to Economics-A Macroeconomic Perspective (Satisfies Humanistic Literacy (HUML) requirement)	Credits: 3			
ECON 04102 - An Introduction to Economics-A Microeconomic Perspective (Satisfies Humanistic Literacy (HUML) requirement)	Credits: 3			
MATH 03125 - Calculus: Techniques and Applications (Satisfies Quantitative Literacy (QNTL) requirement)	Credits: 3			
<i>or</i>				
MATH 01130 - Calculus I (Satisfies Quantitative Literacy (QNTL) requirement)	Credits: 4			
STAT 02260 - Statistics I (Satisfies Quantitative Literacy (QNTL) requirement)	Credits: 3			

BUS 01488 - Business Career Planning and Development	Credits: 2			
BUS 01142 - Business Technology Foundations	Credits: 3			
Required Courses: 57 s.h.				
Course Name	Credits:	Term Taken	Grade	Gen Ed
MKT 09200 - Principles of Marketing	Credits: 3			
ACC 03210 - Principles of Accounting I	Credits: 3			
ACC 03211 - Principles of Accounting II	Credits: 3			
MIS 02234 - Management Information Systems	Credits: 3			
MGT 98242 - Legal Environment of Business	Credits: 3			
MGT 06300 - Organizational Behavior	Credits: 3			
FIN 04300 - Principles of Finance	Credits: 3			
MGT 06305 - Operations Management	Credits: 3			
MGT 06402 - Business Policy	Credits: 3			
MIS 02322 - Principles of System Design	Credits: 3			
MIS 02315 - Principles of Information Security	Credits: 3			
MIS 02338 - Design of Database Systems	Credits: 3			
MIS 02339 - Business Intelligence	Credits: 3			
MIS 02325 - Project Management	Credits: 3			
MIS 02331 - Data Mining for Business	Credits: 3			
MIS 02428 - Business Web Applications	Credits: 3			
MIS 02450 - MIS Capstone Experience	Credits: 3			
DA 01491 - Data Analytics Capstone I	Credits: 3			
MKT 09379 - International Marketing (Satisfies Global Literacy (GLBL) Requirement)	Credits: 3			
or				
MGT 06330 - Managing International Business (Satisfies Global Literacy (GLBL) Requirement)	Credits: 3			
Information Systems & Analytics Elective Courses: 6 s.h.				
Select 6 s.h. of 300 or 400 level non-required courses that are offered by the Rohrer College of Business, excluding any internship other than the MIS Supervised Internship (MIS 02344), any Computer Science or Computer Systems Technology courses that is 200 level or higher (except CS 01211) or WA 01302.				
Free Electives: 27-28 s.h.				
Course Name	Credits:	Term Taken	Grade	Gen Ed
MKT 09101 - Marketing and the Business Environment - RS	Credits: 3			
Total Credits for the Program: 120 s.h.				
Notes:				