

# Bachelor of Science (B. S.) in Information Systems & Analytics

SUGGESTED COURSE SEQUENCE-- *Last Modified 9/01/24.*

**Requirements for Rowan students entering the major Fall 2024 and after**

**PLEASE NOTE THE FOLLOWING:**

1. Some flexibility exists for moving some courses between fall and spring semesters.
2. When altering course sequences, give careful consideration to prerequisites and when courses are offered.
3. **General Minimum Graduation Requirements include:** 120 credits (30 of which are completed at Rowan), completion of ALL required courses for your respective major, 2.0 cumulative GPA as well as a 2.5 overall GPA in your business course requirements.
4. **Senior Privilege**— If you have 90 credits and at least a 3.0 GPA, you may take one graduate level course each semester during your senior year for no extra cost. Please contact your advisor for information.

FIRST SEMESTER (17 S.H.)		SECOND SEMESTER (15 S.H.)	
College Composition I <b>OR</b> Intensive College Composition	COMP 01.111 <b>OR</b> COMP 01.105	College Composition II	COMP 01.112
Calculus: Techniques & Applications <b>OR</b> Calculus I	MATH 03.125 <b>OR</b> MATH 01.130	Statistics I	STAT 02.260
Artistic Literacy	Attribute "ARTL" in section tally	Scientific Literacy (3-4 credits)	Attribute "SCIL" in section tally
An Introduction to Economics - A Macroeconomic Perspective	ECON 04.101	An Introduction to Economics - A Microeconomic Perspective	ECON 04.102
Marketing and the Business Environment (or free elective for non-freshmen students)	MKT 09.101	Introduction to Programming and Problem Solving	CS 01.104
How to Succeed in Business School (RS-Rowan Seminar)	BUS 01.100		
THIRD SEMESTER (15 S.H.)		FOURTH SEMESTER (14 S.H.)	
Principles of Accounting I	ACC 03.210	Principles of Accounting II	ACC 03.211
Public Speaking <b>OR</b> Digital Presentations	CMS 04.205 <b>OR</b> CMS 04.206	Legal Environment of Business	MGT 98.242
Principles of Marketing	MKT 09.200	Broad-based Literature	Attribute "LIT" in section tally
Management Information Systems	MIS 02.234	Career Planning and Development	BUS 01.488
Non-program elective		Free elective	
FIFTH SEMESTER (15 S.H.)		SIXTH SEMESTER (15 S.H.)	
Design of Database Systems	MIS 02.338	Business Intelligence	MIS 02.339
Principles of System Design	MIS 02.322	Project Management	MIS 02.325
Data Mining for Business	MIS 02.331	ISA restricted elective (select from approved list) - (1 of 2)	
Organizational Behavior	MGT 06.300	Principles of Finance	FIN 04.300
Free elective		Free Elective	
SEVENTH SEMESTER (15 S.H.)		EIGHTH SEMESTER (15 S.H.)	
Operations Management	MGT 06.305	MIS Capstone Experience	MIS 02.450
Business Web Applications	MIS 02.428	ISA restricted elective (select from approved list) - (2 of 2)	
Managing International Business <b>OR</b> International Marketing	MGT 06.330 <b>OR</b> MKT 09.379	Business Policy	MGT 06.402
Principles of Information Security	MIS 02.315	Writing Intensive	Attribute "WI" in section tally
Data Analytics Capstone I	DA 01.491	Free Elective	