2024-2025 CATALOG YEAR

INFORMATION SYSTEMS

MAJOR

Acquire the tools and training to help organizations leverage technology to solve business problems, innovate, create new products, and achieve strategic objectives.

Admission to the Information Systems major is competitive. Please visit Eccles.link/IS-Admission for information about admission criteria and policies.

In addition to completing the University of Utah's and David Eccles School of Business's Core requirements, students seeking a Bachelor's Degree in Information Systems must complete the following courses. Students can find full course descriptions and requisite details in the general catalog at catalog.utah.edu and on the class schedule.

Visit Eccles.link/BCore to see what core you have been assigned and make an appointment with your academic advisor at Eccles.link/youradvisor to confirm your path to graduation.

CORE: 19 CREDITS

	CLASS	PREREQUISITES
3	**IS 4420 – Database Fundamentals**	C- or better in (IS 4410 OR IS 4411) OR (IS 3060 OR 3061) and (Full Major or Minor status in Information Systems OR Full Major status in Operations Management OR Full Major status in QAMO OR Full Minor status in Business Analytics)
3	**IS 4430 – Systems Analysis & Design**	C- or better in IS 4420 and (Full Major or Minor status in Information Systems OR Full Major status in Quantitative Analysis of Markets & Organizations)

Last updated: 3.31.24

	CLASS	PREREQUISITES
3	**IS 4440 – Networking & Servers**	C- or better in (IS 4410 OR IS 4411) OR (IS 3060 OR 3061) <u>and</u> (Full Major or Minor status in Information Systems OR Full Major status in Quantitative Analysis of Markets and Organizations)
3	**IS 4470 – Cybersecurity Management**	C- or better in IS 4440 <u>and</u> (Full Major or Minor status in Information Systems OR Full Major status in Quantitative Analysis of Markets and Organizations
3	**IS 4485 – Programming with Python**	C- or better in (IS 4410 OR IS 4411) OR (IS 3060 or 3061) <u>and</u> (Full Major or Minor status in Information Systems OR Full Major status in QAMO OR Full Minor status in Business Analytics)
3	**IS 5910 – AI for Business**	C- or better in (IS 4410 OR IS 4411) OR (IS 3060 OR 3061) <u>and</u> (Full Major or Minor status in Information Systems
1	**IS 3596 – IT Certification**	C- or better in (IS 4410 OR IS 4411) OR (IS 3060 or 3061) <u>and</u> (Full Major or Minor status in the David Eccles School of Business)

ELECTIVES: 3 CREDITS

	CLASS	PREREQUISITES
3	**IS 4415 – Data Structures and Java**	C- or better in (IS 4410 OR IS 4411) OR (IS 3060 OR 3061) <u>and</u> (Full Major or Minor status in Information Systems OR Full Major status in Quantitative Analysis in Markets & Organizations)
3	**IS 4445 - Introduction to Cloud Computing**	C- or better in IS 4440 <u>and</u> Full Major or Minor Status in Information Systems

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		CLASS	PREREQUISITES
	3	**IS 4450 – Blockchain for Business**	C- or better in (IS 4410 OR IS 4411) OR (IS 3060 or 3061) and (Full Major or Minor status in Information Systems OR Full Major status in Quantitative Analysis of Markets and Organizations)
	3	**IS 4460 – Web Based Applications**	C- or better in (IS 4410 OR 4411) OR (IS 3060 OR 3061) and (Full Major or Minor status in Information Systems OR Full Major status in Quantitative Analysis of Markets & Organizations)
	3	**IS 4472 - Secure Network Operations**	C- or better in IS 4470 and Full Major or Minor Status in Information Systems
	3	**IS 4480 – Data Warehouse Design & Implementation**	C- or better in IS 4420 and Full major status in Information Systems
	3	**IS 4482 – Data Mining for Business Applications**	C- or better in IS 4420 and Full major status in Information Systems
	3	**IS 5910 – IS Special Topics**	C- or better in (IS 4410 OR IS 4411) OR (IS 3060 or 3061) and Full Major or Minor status in the David Eccles School of Business
	3	**OSC 5500 – Visual Analytics for Business**	C- or better in BCOR 3050 OR OSC 3050

GLOBAL PERSPECTIVES: SELECT 3 CREDITS

		CLASS	PREREQUISITES
	3	**IS 5620 – Global Information Systems (IR)**	C- or better in (IS 4410 OR IS 4411) OR (IS 3060 or 3061) and (Full Major or Minor status in Information Systems OR Full Major status in Quantitative Analysis of Markets and Organizations)