

2023-2024 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](https://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](https://eccles.link/BCore) to see what core you have been assigned and make an appointment with your academic advisor at [Eccles.link/youradvisor](https://eccles.link/youradvisor) to confirm your path to graduation.

CORE: 19 CREDITS

		CLASS	PREREQUISITES
	3	IS 4415 – Data Structures & Java	C- or better in IS 4410 or 4411 <u>and</u> Full major status in Information Systems
	3	IS 4420 – Database Fundamentals	C- or better in IS 4410 or 4411 <u>and</u> Full major status in Information Systems
	3	IS 4430 – Systems Analysis & Design	C- or better in IS 4420 <u>and</u> Full major status in Information Systems
	3	IS 4440 – Networking & Servers	C- or better in IS 4410 or 4411 <u>and</u> Full major status in Information Systems
	3	IS 4460 – Web Based Applications	C-or better in IS 4415 <u>and</u> Full major status in Information Systems

		CLASS	PREREQUISITES
	3	IS 4470 – Telecommunications & Security	C-or better in IS 4440 <u>and</u> Full major status in Information Systems
	1	IS 3596 – IT Certification	C-or better in IS 4410 <u>and</u> Full major status in Information Systems

ELECTIVES: 6 CREDITS

		CLASS	PREREQUISITES
	3	OSC 3440 – Application of Business Statistics	C- or better in OIS/OSC 2340 or BCOR 2030
	3	IS 4445 - Introduction to Cloud Computing	C- or better in IS 4440 <u>and</u> Full Major or Minor Status in Information Systems
	3	IS 4450 – Blockchain for Business	C- or better in IS 4410 <u>and</u> Full Major or Minor Status in Information Systems
	3	IS 4472 - Secure Network Operations	C- or better in IS 4470 <u>and</u> Full Major or Minor Status in Information Systems
	3	IS 4480 – Data Warehouse Design & Implementation	C- or better in IS 4420 <u>and</u> Full major status in Information Systems
	3	IS 4482 – Data Mining for Business Applications	C- or better in IS 4420 <u>and</u> Full major status in Information Systems
	3	IS 4485 – Programming with Python	C- or better in IS 4410 or 4411 <u>and</u> Full major status in Information Systems
	3	IS 4487 – Business Analytics	C- or better in IS 4485 or FINAN 5530 <u>and</u> Full major status in Information Systems
	3	OSC 5500 – Visual Analytics for Business	C-' or better in BCOR 3050

GLOBAL PERSPECTIVES: SELECT 3 CREDITS

		CLASS	PREREQUISITES
	3	OSC 5620 – Global Supply Chain Management (IR)	C- or better in OIS/OSC 3660 or 3661 or BCOR 3050
	3	ACCTG 5140 – International Accounting (IR)	C- or better in ACCTG 3600 or 3601 or BCOR 3010
	3	FINAN 4550 – International Finance (IR)	C- or better in FINAN 3040 or 3041 or BCOR 3020
	3	MGT 4900 – International Management (IR)	C- or better in MGT 3680 or 3681 or BCOR 3030
	3	MKTG 4840 – International Marketing (IR)	C- or better in MKTG 3010 or 3011 or BCOR 3040