

2020-2021 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 prerequisite details in the general catalog at [catalog.utah.edu](https://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	<b>IS 4415 – Data Structures &amp; Java</b>	C- or better in IS 4410 or 4411 <u>and</u> Full major status in Information Systems
	3	<b>IS 4420 – Database Fundamentals</b>	C- or better in IS 4410 or 4411 <u>and</u> Full major status in Information Systems
	3	<b>IS 4430 – Systems Analysis &amp; Design</b>	C- or better in IS 4420 <u>and</u> Full major status in Information Systems
	3	<b>IS 4440 – Networking &amp; Servers</b>	C- or better in IS 4410 or 4411 <u>and</u> Full major status in Information Systems
	3	<b>IS 4460 – Web Based Applications</b>	C-or better in IS 4415 <u>and</u> Full major status in Information Systems

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

### **ELECTIVES: 6 CREDITS**

		CLASS	PREREQUISITES
	3	<b>OIS 3440 – Application of Business Statistics</b>	C- or better in OIS 2340 or BCOR 2030
	3	<b>IS 4480 – Data Warehouse Design &amp; Implementation</b>	C- or better in IS 4420 <u>and</u> Full major status in Information Systems
	3	<b>IS 4482 – Data Mining for Business Applications</b>	C- or better in IS 4420 <u>and</u> Full major status in Information Systems
	3	<b>IS 4485 – Programming with Python</b>	C- or better in IS 4410 or 4411 <u>and</u> Full major status in Information Systems

### **GLOBAL PERSPECTIVES: 3 CREDITS**

		CLASS	PREREQUISITES
	3	<b>OIS 5620 – Global Supply Chain Management (IR)</b>	C- or better in OIS 3660 or 3661 or BCOR 3050