INFORMATION SYSTEMS MINOR
2018-2019 CATALOG YEAR

David Eccles School of Business
THE UNIVERSITY OF UTAH

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

This minor is available to fully declared business majors. To apply, visit *Eccles.Link/Minors*. **To schedule an appointment with an academic advisor, please stop by SFEBB 1120, call 801.581.7853, or visit** *Eccles.Link/UAS-Appts*.

CORE: 6 CREDITS

____ **IS 4410 or 4411** – Information Systems
PREREQUISITES: See the general catalog
Topics include: the role and use of information systems to support individual, group and business decision-making and technology's role in supporting the decision-making process of business.

____ **IS 4420** – Database Fundamentals
PREREQUISITES: C- or better in IS 4410 or 4411 and full minor status in Information Systems
Topics include: database theory and design; entity-relationship diagrams (ERD); logical modeling (including normalizing data tables, defining keys, and querying the data); and structured query language (SQL) topics (including aggregates, embedded queries, and joins).

ELECTIVES: 9 CREDITS

____ **9 credits, choosing from the following:**

IS 4415 – Data Structures & Java
PREREQUISITES: C- or better in IS 4410 or 4411 and full minor status in Information Systems
IS 4430 – Systems Analysis & Design
PREREQUISITES: C- or better in IS 4410 or 4411 and full minor status in Information Systems
IS 4440 – Networking & Servers
PREREQUISITES: C- or better in IS 4410 or 4411 and full minor status in Information Systems
IS 4460 – Web Based Applications
PREREQUISITE: C- or better in IS 4415
IS 4470 – Telecommunication & Security
PREREQUISITE: C- or better in IS 4440
IS 4480 – Data Warehouse Design & Implementation
PREREQUISITE: C- or better in IS 4420
IS 4482 – Data Mining for Business Applications
PREREQUISITE: C- or better in IS 4420

CAPSTONE: 1 CREDIT

____ **IS 5910** – Capstone