INFORMATION SYSTEMS MINOR
2019-2020 CATALOG YEAR

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

Please visit Eccles.Link/Minors for admission criteria and additional information. To schedule an appointment with an academic advisor, please stop by SFEBB 1120, call 801.581.7853, or visit Eccles.Link/UAS-Appts.

Students can find full course descriptions and requisite details in the general catalog at catalog.utah.edu and on the class schedule.

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 major 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).

ELECTIVE: 9 CREDITS

☐ 9 credits of electives

   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 3596 – Capstone