Admission to the Operations & Supply Chain major is competitive. Please visit Eccles.Link/OSC-Admission for information about admission criteria and policies.

In addition to completing the University of Utah’s and David Eccles School of Business’ Core requirements, students seeking a Bachelor’s Degree in Operations & Supply Chain 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 to confirm your path to graduation.

CORE: 15 CREDITS

☐ MATH 1100 – Business Calculus (QA/QB)
  PREREQUISITE: C or better in MATH 1050, 1080, or 1090
  Will accept a score ≥ 3 on the AP Calculus AB/BC exam
  Topics include: limits; differentiation and integration of polynomial, rational, logarithmic, and exponential functions; optimizing functions (including marginal analysis); business applications of the derivative and integral; partial derivatives; and functions of several variables.

☐ OIS 3440 – Applications of Business Statistics (QB)
  PREREQUISITE: C- or better in OIS 2340 or BCOR 2030
  Topics include: designing experiments, goodness of fit, contingency tables, correlation analysis, nonparametric statistics, statistical process control, developing and interpreting regression models, and creating graphical and numerical outputs in Microsoft Excel.

☐ OIS 5610 – Practical Management Science
  PREREQUISITE: full major status in Operations & Supply Chain or QAMO
  Topics include: using Microsoft Excel to set up, solve, and analyze problems (including linear and integer models, critical path method/project Management, risk, insurance, decision trees, and simulation).

☐ OIS 5640 – Project Management
  PREREQUISITE: full major status in Operations & Supply Chain or QAMO
  Topics include: all three phases of project management: project conception, execution, and closure; issues related to project leadership, budgeting, and scheduling; state-of-the-art project management practices; and project management software.

☐ OIS 5800 – Operations in Practice
  REQUISITES: Students must take either OIS 5610 or 5640 before 5800; they may take the other with 5800.
  This course is a senior capstone requirement for Operations & Supply Chain majors. Students will be assigned groups and a specific company to work with to assist with projects.

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ELECTIVES: 9 CREDITS

- **IS 4420** – Database Fundamentals
  PREREQUISITES: C- or better in IS 4410 or 4411 and full major status in Operations & Supply Chain or QAMO

- **IS 4482** – Data Mining for Business Applications
  PREREQUISITE: C- or better in IS 4420

- **OIS 4650** – Principles of Quality Management

- **OIS 4999** – Honors Thesis Project
  PREREQUISITES: Member of the Honors College and department consent

- **OIS 5450** – Simulation of Business Processes
  PREREQUISITE: C- or better in OIS 3440 or full major status in QAMO

- **OIS 5500** – VBA for Modelers

- **OIS 5630** – Production Planning & Control
  PREREQUISITE: C- or better in OIS 3660 or 3661 or full major status in QAMO

- **OIS 5650** – Six Sigma for Managers
  PREREQUISITE: C- or better in OIS 3440 or full major status in QAMO

- **OIS 5660** – Operations Strategy
  PREREQUISITE: C- or better in OIS 3660 or 3661

- **OIS 5670** – Managing Service Operations
  PREREQUISITE: C- or better in OIS 3660 or 3661 or full major status in QAMO

GLOBAL PERSPECTIVES: 6 CREDITS

- **OIS 5620** – Global Supply Chain Management (IR)
  PREREQUISITE: C- or better in OIS 3660 or 3661

  *Topics include: how to improve the performance of an individual firm and the supply chain network (including material flows, information flows, and contractual arrangements) and aligning the inventories, information, and incentives of a supply chain operating in a global context.*

- 1 of the following courses:
  - **ACCTG 5140** – International Accounting (IR)
    PREREQUISITE: C- or better in ACCTG 3600 or 3601
  - **RECOMMENDED**: **FINAN 4550** – International Finance (IR)
    PREREQUISITE: C- or better in FINAN 3040 or 3041
  - **MKTG 4840** – International Marketing (IR)
    PREREQUISITE: C- or better in MKTG 3010 or 3011