

Supply Chain Management Career Track MSIS Advising Sheet

Overview

Supply chain management (SCM) integrates and optimizes all business processes required to source/produce the right amount of the right product with right quality and deliver it to the end user at the right time. Many companies create their strategic advantages through innovative supply chain management. SCM field is flexible and cross functional. You will work with people at various functional areas throughout your company and supply chain partners—product design, sourcing, logistics, IT, manufacturing, accounting, marketing, and international business. Courses in SCM career track cover strategic frameworks, modelling theories, prescriptive analytics, planning technologies, and best practices to help you succeed in the career.

MSIS Requirements

Business Core (9 units) (Waiveable)

1. B A 625. Financial and Management Accounting (3)
2. B A 627. Marketing (3)
3. B A 628. Operations and Supply Chain Management (3)

IS Technology (9 units – choose 3 of the following)

1. **Recommended:** MIS 697. Project Planning and Development (3)
2. **Recommended:** MIS 752. Supply Chain and Enterprise Resource Planning (3)
3. MIS 686. Enterprise Data Management (3)
4. MIS 687. Business Data Communications (3)
5. MIS 691. Decision Support Systems (3)
6. MIS 695. Business Systems Analysis and Design (3)

IS Management & Analytics (9 units – choose 3 of the following)

1. B A 623. Statistical Analysis (3)
2. MIS 688. Information Systems and Strategies in Organizations (3)
3. MIS 748. Applied Multivariate Analytics (3)
4. MIS 749. Business Analytics (3)
5. MIS 750. Strategic Project Management (3)
6. MIS 755. Information Systems Security Management (3)

Thesis Option or Directed Readings with Examination (3 units)

1. B A 799A. Thesis Research (3)
2. MIS 790. Directed Readings in MIS (3)

Supply Chain Management Career Track (12 units – choose 4 of the following)

1. **Recommended:** MIS 744. Lean Six Sigma Quality Management (3)
2. **Recommended:** MIS 753. Global Supply Chain Management (3)
3. **Recommended:** MIS 754. Operations Planning and Strategy (3)
4. MIS 752. Supply Chain and Enterprise Resource Planning, **or** MIS 697. Project Planning and Development (3) **or** MIS 750. Strategic Project Management (3) if not taken in MSIS requirements.
5. MKTG 766. Marketing Research (3)
6. ECON 561. International Trade (3)
7. H SEC 604: International Security and Trade (3)
8. Other courses from the College of Business or other colleges may be identified by working with an advisor. Please see the SCM career advisor early to develop your POS.

Open Elective (3 Units)

Student selects a 3 unit graduate course from the College of Business or other colleges.

Advising

MSIS Advisors:

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Supply Chain Management Career Track Advisor:

Dr. Y. Helio Yang – hyang@mail.sdsu.edu

SAP Student Award:

Students in the SCM track have the opportunity to receive SAP Student Award by taking MIS 697, MIS 752, and one more course from the list of approved courses and two hands-on case studies from the Enterprise Systems e-Learning Club <https://cbaweb.sdsu.edu/enterprisesystems/courses>. For any question, please contact Professor Yang.



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