Electives for Students Majoring or Minoring in Decision Sciences

This is not the final word in electives.* If you're interested in a course not listed below, ask your DS faculty adviser about it and s/he will consider it, **provided the course is analytical in nature**. DS majors should take at least two of their electives from the same department. Be sure to check course prerequisites.

Courses within the College of Business	
ACCOUNTING (#)	
ACCT 303: Accounting for Financial Analysis ACCT 305: Cost Accounting ACCT 506: Auditing	ACCT 507: Information Systems Auditing ACCT 508: Federal Tax Accounting I
ECONOMICS	
ECON 312: Introduction to Econometrics ECON 500: Money and Banking ECON 505: Public Economics ECON 616: Experimental Economics and Game Theory	
FINANCE (#)	
FIN 351: Financial Management FIN 353: Financial Institutions FIN 355: Investments	FIN 365: Real Estate Principles FIN 536: International Finance FIN 653: Seminar in Bank Management
INFORMATION SYSTEMS	
ISYS 350: Building Business Applications ISYS 463: Information Systems Analysis and Design ISYS 464: Managing Enterprise Data ISYS 475: Building Web Applications …	ISYS 512: Business Application Design and Development ISYS 569: Info. Systems for Business Process Mgmt. ISYS 650: Business Intelligence ISYS 663: Information Technology Project Mgmt.
INTERNATIONAL BUSINESS	
IBUS 430: Import-Export Management IBUS 590: International Environmental Analysis IBUS 690: Global Strategic Management	
MANAGEMENT	
MGMT 354: Starting a Small Business MGMT 670: Organization Design & Change BUS 450: Greening of Business	
MARKETING (#)	
MKTG 436: Retail Management MKTG 441: Business to Business Marketing MKTG 469: Digital Marketing	MKTG 632: Marketing Research MKTG 660: Marketing Analytics

Courses outside the College of Business
COMPUTER SCIENCE
CSC 210: Introduction to Computer Programming; Prereq: Math 109 CSC 211: Introduction to Software Lab (1 unit) CSC 309: Computer Programming for Scientists and Engineers; Prereq: Math 226 CSC 413: Software Development
DESIGN AND INDUSTRY
DAI 460: Rapid Prototyping & Manufacturing Systems DAI 523: Information Design I: Data Visualization
ENGLISH
ENG 620: Introduction to Computational Linguistics ENG 680: Applied Computational Linguistics
MATHEMATICS
MATH 338: Introduction to SAS; Prereq: MATH 124 or equivalent MATH 430: Mathematics of Optimization; Prereq: MATH 325 MATH 442: Probability Models; Prereq: MATH 340 with grade of C or better MATH 449: Categorical Data Analysis; Prereq: MATH 340 with grade of C or better, or consent of instructor MATH 490: Mathematics Seminar; Prereq: Any introductory statistics course with grade of C or better;   Course contents vary by semester; check its content in the specific semester you plan to take it.

(#) These departments generally limit their courses to majors.

* Revised January 13, 2020