Minors

Students must take a minimum of 18 semester credit hours for the minor, 12 of which must be upper-division semester credit hours. Students who take a minor will be expected to meet the normal prerequisites in courses making up the minor, and should maintain a minimum GPA of 2.000 on a 4.00 scale (C average). Semester credit hours may not be used to satisfy both the major and minor requirements; however, free elective semester credit hours or major preparatory classes may be used to satisfy the minor. The minors in the Naveen Jindal School of Management are the following:

- Accounting
- Business Administration
- Business Intelligence and Analytics
- Energy Management
- Finance
- Healthcare Management
- Human Resource Management
- Information Technology and Systems
- Innovation and Entrepreneurship
- Insurance
- Marketing
- Supply Chain Management

Minor in Accounting: 18 semester credit hours

- **ACCT 3331** Intermediate Financial Accounting I
- **ACCT 3332** Intermediate Financial Accounting II
- **ACCT 3341** Cost Management Systems
- **ACCT 3350** Fundamentals of Taxation
- **ACCT 4334** Auditing or **ACCT 4336** Financial Statement Analysis

Plus one upper-division ACCT elective (a 3 semester credit hour 3000-level or 4000-level ACCT course)

All other prerequisites should be met.
Minor in Business Administration: 18 semester credit hours

**OBHR 3310** Organizational Behavior

or **OBHR 3330** Introduction to Human Resource Management

**MKT 3300** Principles of Marketing

**BCOM 3300** Professionalism and Communication in Business

or **BCOM 3310** Business Communication

**ITSS 3300** Information Technology for Business

And an additional 6 semester credit hours of upper-division JSOM coursework as approved by the program director.

All other prerequisites should be met.

1. students may not double count courses for both their major and their minor; thus, additional electives may need to be added.

Minor in Business Intelligence and Analytics: 18 semester credit hours

**STAT 3360** Probability and Statistics for Management and Economics

or **OPRE 3360** Managerial Methods in Decision Making Under Uncertainty

**ITSS 4300** Database Fundamentals

or **CS 4347** Database Systems

**ITSS 4351** Foundations of Business Intelligence

**ITSS 4352** Introduction to Web Analytics

**ITSS 4353** Business Analytics

Also choose one course from the following:

**ITSS 4354** Advanced Big Data Analytics

**ITSS 4355** Data Visualization

All other prerequisites should be met.

Minor in Energy Management: 18 semester credit hours

Choose 4 courses from the following:

**ENGY 3301** Managing Carbon Assets: Oil, Gas, and Coal

**ENGY 3302** Managing Power and Renewable Energy Assets; Sustainability
**ENGY 3340** Energy Law and Contracts

**FIN 4313** or **ENGY 4313** Energy Finance

**MECO 4342** Financial and Business Negotiation Analysis

Also choose 2 courses from the following:

**GEOS 1303** Physical Geology

**MECO 3330** or **ENGY 3330** Energy Economics

**MKT 3340** Marketing Research

**OPRE 4330** Global Logistics and Inventory Management

All other prerequisites should be met.

**Minor in Finance: 18 semester credit hours**

**ACCT 2301** Introductory Financial Accounting

**FIN 3320** Business Finance

**FIN 3390** Introduction to Financial Modeling

And an additional 9 semester credit hours to be selected from upper-division finance courses listed as options under the finance degree.

All other prerequisites should be met.

**Minor in Healthcare Management: 18 semester credit hours**

**HMGT 3301** Introduction to Healthcare Management

**HMGT 3310** Healthcare Regulatory Environment

**HMGT 3311** Healthcare Financial Analysis

**HMGT 3320** Complex and Dynamic Healthcare Environment

or **ECON 3330** Economics of Health

**HMGT 4321** Introduction to Healthcare Information Systems

An additional 3 semester credit hours to be selected from the remaining upper-division JSOM courses not previously taken.

All other prerequisites should be met.

**Minor in Human Resource Management: 18 semester credit hours**

Choose six courses from the following:
Minor in Information Technology and Systems: 18 semester credit hours

**ITSS 3312** Object-Oriented Programming

or **ITSS 4381** Object Oriented Programming with Python

**ITSS 4300** Database Fundamentals

**ITSS 4330** Systems Analysis and Design

**ITSS 4351** Foundations of Business Intelligence

**ITSS 4360** Network and Information Security

**ITSS 4370** Information Technology Infrastructure

All other prerequisites should be met.

2. Students who have completed CS 1337 with a C or better may replace ITSS 3312 with an additional ITSS upper-division course (excluding ITSS 4301).

Minor in Innovation and Entrepreneurship: 18 semester credit hours

**MKT 3300** Principles of Marketing

**ENTP 3301** Innovation and Entrepreneurship
And 9 semester credit hours to be selected from:

- **ENTP 3360** Entrepreneurial Finance
- or **FIN 3360** Entrepreneurial Finance
- **ENTP 4311** Entrepreneurial Strategy and Business Models
- **ENTP 4320** Small Business Management
- or **ENTP 4350** Corporate Entrepreneurship

With an additional 3 semester credit hours to be selected from the remaining ENTP courses not previously taken:

- **ENTP 3320** Start-up Launch I
- or **ENTP 3321** Start-up Launch II
- **ENTP 4330** Entrepreneurial Marketing
- **ENTP 4340** Social Sector Entrepreneurship and Community Engagement
- **ENTP 4360** Innovation and Creativity
- **ENTP 4V00** Special Topics in Entrepreneurship
- or **ENTP 4V90** Innovation and Entrepreneurship Internship

All other prerequisites should be met.

**Minor in Insurance: 18 semester credit hours**

Choose six courses from the following:

- **RMIS 3370** or **FIN 3370** Principles of Risk Management and Insurance
- **RMIS 4331** Business Liability Risk Management and Insurance
- **RMIS 4332** Commercial Property Risk Management and Insurance
- **RMIS 4333** Enterprise Risk Management
- **RMIS 4334** Insurance Law and Contracts
- **RMIS 4336** Risk Control and Safety Engineering
- **RMIS 4338** Financial Decision-Making Processes for Risk Management
- **MKT 3330** Introduction to Professional Selling
- **FIN 3305** or **REAL 3305** Real Estate Principles

All other prerequisites should be met.

**Minor in Marketing: 18 semester credit hours**

- **MKT 3300** Principles of Marketing
MKT 3340 Marketing Research
MKT 3330 Introduction to Professional Selling
MKT 4330 Digital and Internet Marketing

With an additional 6 semester credit hours to be selected from:

- MKT 3331 Principles of Category Management
- MKT 4331 Digital Prospecting
- MKT 4332 Advanced Personal Selling
- MKT 4335 Category Buying
- MKT 4336 E-Retailing
- MKT 4337 Marketing Analytics
- MKT 4338 Marketing Content Creation
- MKT 4339 Marketing Creative Skills and Testing
- MKT 4340 Consumer Behavior
- MKT 4341 Predictive Analytics
- MKT 4350 Advertising
- MKT 4360 Social Marketing
- MKT 4370 Marketing Projects
- MKT 4395 Capstone Senior Project - Marketing
- MKT 4V83 Individual Study in Marketing
- MKT 4V90 Marketing Internship

All other prerequisites should be met.

Minor in Supply Chain Management: 18 semester credit hours

- OPRE 3320 Integrated Supply Chain Management
- OPRE 3330 Project Management
- OPRE 4310 Lean and Six Sigma Processes
- OPRE 4330 Global Logistics and Inventory Management
- OPRE 4340 Purchasing, Sourcing, and Contract Management

Plus one of the following three courses:

- OPRE 4320 Integrated SCM Information Systems
- OPRE 4350 Spreadsheet Modeling and Analytics
**OPRE 4395** Capstone Senior Project - Supply Chain Management

All other prerequisites should be met.