Undergraduate Business Administration Program

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The Business Administration Program in the Tepper School is intended for students interested in a broad undergraduate management education experience based on quantitative and analytical reasoning, and communications skills. The curriculum is rigorous and flexible enough to accommodate the interests of students with diverse goals, ranging from beginning a professional career to graduate study.

Tepper bases the curriculum around a central core of courses in the functional areas of business, in economics, mathematics, computing, and communications, as well as breadth courses in liberal arts and science. Students complete an in-depth study in at least one of the functional business areas including finance, accounting, technology, marketing, entrepreneurship, organizational leadership, business analytics, or operations management, along with additional business electives. Students also complete a minor from outside the Tepper School of Business to obtain intellectual breadth, flexibility, and general problem-solving skills. The minor promotes students' intellectual confidence and leads to the broad knowledge that can last a lifetime. We believe the curriculum structure helps Tepper graduates become leaders in increasing complex global business and political environments.

The Tepper curriculum prepares students to begin their professional careers in all areas of management, and Tepper graduates do so in some of the world’s leading financial services, consulting, and manufacturing firms, and governmental organizations. Many students also go on to graduate study in business, economics, finance, law, and policy studies at leading universities in the world.

In addition to the major in Business Administration, we offer the opportunity for a minor or second major to students in other programs of the university. If you are interested in management education in an environment offering the best undergraduate experience, please contact the program’s academic advisors.

B.S. Degree in Business Administration

To receive the B.S. degree in Business Administration, students must complete at least 364 units, consisting of the requirements for the Business Foundation, Business Core, Concentration Area, Liberal Arts & Sciences Breadths, and a Minor.

Business Foundations

<table>
<thead>
<tr>
<th>Mathematics</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-120 Differential and Integral Calculus</td>
<td>9</td>
</tr>
<tr>
<td>21-256 Multivariate Analysis 1</td>
<td>9</td>
</tr>
<tr>
<td>70-257 Optimization for Business 2</td>
<td>9</td>
</tr>
<tr>
<td>Economics</td>
<td></td>
</tr>
<tr>
<td>73-102 Principles of Microeconomics</td>
<td>9</td>
</tr>
<tr>
<td>73-103 Principles of Macroeconomics</td>
<td>9</td>
</tr>
<tr>
<td>73-230 Intermediate Microeconomics</td>
<td>9</td>
</tr>
<tr>
<td>or 73-240 Intermediate Macroeconomics</td>
<td>9</td>
</tr>
<tr>
<td>Statistics</td>
<td></td>
</tr>
<tr>
<td>70-207 Probability and Statistics for Business Applications</td>
<td>9</td>
</tr>
<tr>
<td>70-208 Regression Analysis</td>
<td>9</td>
</tr>
<tr>
<td>Computing</td>
<td></td>
</tr>
<tr>
<td>70-110 Business Computing</td>
<td>9</td>
</tr>
<tr>
<td>1 or 21-259 Calculus in Three Dimensions</td>
<td>9</td>
</tr>
<tr>
<td>2 or 21-257 Models and Methods for Optimization or 21-292 Operations Research I</td>
<td>9</td>
</tr>
</tbody>
</table>

Business Core

<table>
<thead>
<tr>
<th>Business Foundations</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>70-100 Global Business</td>
<td>9</td>
</tr>
<tr>
<td>70-122 Introduction to Accounting</td>
<td>9</td>
</tr>
<tr>
<td>70-311 Organizational Behavior</td>
<td>9</td>
</tr>
<tr>
<td>70-332 Business, Society and Ethics</td>
<td>9</td>
</tr>
<tr>
<td>70-340 Business Communications</td>
<td>9</td>
</tr>
<tr>
<td>70-345 Business Presentations</td>
<td>9</td>
</tr>
<tr>
<td>70-371 Operations Management</td>
<td>9</td>
</tr>
<tr>
<td>70-381 Marketing I</td>
<td>9</td>
</tr>
<tr>
<td>70-391 Finance</td>
<td>9</td>
</tr>
<tr>
<td>Business Leadership Endeavor</td>
<td></td>
</tr>
<tr>
<td>70-105 Business Leadership Endeavor: Intern</td>
<td>1</td>
</tr>
<tr>
<td>70-205 Business Leadership Endeavor: Analyst</td>
<td>4</td>
</tr>
<tr>
<td>70-305 Business Leadership Endeavor: Manager</td>
<td>4</td>
</tr>
</tbody>
</table>

Capstone

70-401 Management Game | 12    |

Concentration Areas

A program concentration area provides a focus of additional courses (both required and elective) that the student must complete in order to obtain in-depth knowledge of a particular functional area of management expertise. Students must complete at least one of the following areas.

- Accounting
- Business Analytics
- Business Technology
- Entrepreneurship
- Finance
- Graphic Media Management
- International Management
- Leadership & Organizational Effectiveness
- Marketing
- Operations Management

Accounting

ELECTIVE COURSES - choose three:

70-422 Managerial Accounting | 9     |
70-424 Corporate Financial Reporting | 9     |
70-427 Modern Banks: Strategy and Regulation | 9     |
70-428 Financial Statement Analysis | 9     |

Business Analytics

ELECTIVE COURSES - choose three:

70-374 Data Mining & Business Analytics | 9     |
70-455 Modern Data Management | 9     |
70-460 Mathematical Models for Consulting | 9     |
70-462 Stochastic Modeling and Simulations | 9     |
73-365 Firms, Market Structures, and Strategy | 9     |
73-374 Econometrics II | 9     |

Business Technology

REQUIRED COURSE

70-455 Modern Data Management | 9     |

ELECTIVE COURSES - choose two:

70-339 Information Technology for Finance | 9     |
70-374 Data Mining & Business Analytics | 9     |
70-443 Digital Marketing and Social Media Strategy | 9     |
70-453 Business Technology for Consulting | 9     |

Entrepreneurship

REQUIRED COURSES:

70-415 Introduction to Entrepreneurship | 9     |
70-414 Entrepreneurship for Engineers | 9     |
Leadership & Organizational Effectiveness

**Proficiency may be demonstrated in several ways, including:**
- not necessarily, the same language used during the experience abroad.
- than English, to the satisfaction of the Area Advisor. (This may be, but is
- Students must demonstrate conversational proficiency in a language other
  - semester), or both. Study abroad programs should provide substantial
  - The International Business Area requires at least one semester of study
  - • Long-term residence in a country that requires knowledge of the
    - • Language courses, normally including at least one intensive course that
      • Successful completion of at least one semester of courses taught in the
      • Requires conversational knowledge of the language.

Financial Management

**REQUIRED COURSES**
- 70-492 Investment Analysis 9
- 70-495 Corporate Finance 9

**ELECTIVE COURSES - choose one:**
- 70-398 International Finance 9
- 70-497 Derivative Securities 9
- 73-338 Financial Crises and Risk 9

**Graphic Media Management**

**REQUIRED COURSE**
- 70-160 Graphic Media Management 9

**ELECTIVE COURSES - choose two:**
- 70-196 Publishing on the World Wide Web 9
- 70-347 Publishing Management in the Information Age 9
- 70-349 Color Reproduction & Management 9
- 70-514 Independent Study: Graphic Media Management 9

International Business

**ELECTIVE COURSES - choose three plus the Independent Study:**
- 70-342 Managing Across Cultures 9
- 70-365 International Trade and International Law 9
- 70-430 International Management 9
- 70-480 International Marketing 9
- 70-508 Independent Study in International Management 9

* These requirements may be met by comparable courses taken abroad, subject to approval by the UBA Department.

**EXPERIENCE ABROAD**

The International Business Area requires at least one semester of study abroad, or a substantial internship abroad (e.g., one summer or one semester), or both. Study abroad programs should provide substantial immersion in the culture. Selection of such program must be approved by the UBA Department.

**LANGUAGE REQUIREMENT**

Students must demonstrate conversational proficiency in a language other than English, to the satisfaction of the Area Advisor. (This may be, but is not necessarily, the same language used during the experience abroad.) Proficiency may be demonstrated in several ways, including:

- • Long-term residence in a country that requires knowledge of the language (normally the case for international students).
- • Language courses, normally including at least one intensive course that lasts several weeks. A few semesters of high school or college study do not necessarily satisfy the requirement.
- • Successful completion of at least one semester of courses taught in the language in a country where it is spoken, or employment that requires conversational knowledge of the language.

**Leadership & Organizational Effectiveness**

**ELECTIVE COURSES - choose three:**
- 70-318 Managing Effective Work Teams 9
- 70-420 Entrepreneurship for Scientists 9
- 70-421 Entrepreneurship for Computer Scientists 9
- 70-416 New Venture Creation 9

**Finance**

**REQUIRED COURSES**
- 70-492 Investment Analysis 9
- 70-495 Corporate Finance 9

**ELECTIVE COURSES - choose one:**
- 70-398 International Finance 9
- 70-497 Derivative Securities 9
- 73-338 Financial Crises and Risk 9

**International Business**

**ELECTIVE COURSES - choose three plus the Independent Study:**
- 70-342 Managing Across Cultures 9
- 70-365 International Trade and International Law 9
- 70-430 International Management 9
- 70-480 International Marketing 9
- 70-508 Independent Study in International Management 9

* This involves cultural preparation for the experience abroad.

Business Electives

**Complete 27 units of Business electives that do not double-count with any other degree requirement. This may include 21-270 Introduction to Mathematical Finance and upper-level Economics courses (73-3xx and above) that do not double-count with any other degree requirement. A second concentration area may be completed in place of this electives requirement.**

**Liberal Arts & Sciences Breadth Requirements**

Complete seven breadth requirements. Two are first-year requirements and five are from five distributional categories, taking one course in each category. Total number of units required to complete the whole set of breadth requirements is at least 63 units. The lists of courses for the five distributional categories are not exhaustive. Students must consult with an academic advisor for approval of courses not on the list.

**First-Year requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>76-101</td>
<td>Interpretation and Argument</td>
<td>9</td>
</tr>
<tr>
<td>79-104</td>
<td>Global Histories</td>
<td>9</td>
</tr>
</tbody>
</table>

**Distributional Requirements**

**CATEGORY 1: SCIENCE & TECHNOLOGY. This requirement seeks to engage students in both exposure to substance, and the experience of, methods in science and technology through courses drawn from the natural and physical sciences, computer science, and engineering.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>03-121</td>
<td>Modern Biology</td>
<td>9</td>
</tr>
<tr>
<td>03-132</td>
<td>Basic Science to Modern Medicine</td>
<td>9</td>
</tr>
<tr>
<td>09-103</td>
<td>Atoms, Molecules and Chemical Change</td>
<td>9</td>
</tr>
<tr>
<td>09-105</td>
<td>Introduction to Modern Chemistry I</td>
<td>10</td>
</tr>
<tr>
<td>33-104</td>
<td>Experimental Physics</td>
<td>9</td>
</tr>
<tr>
<td>33-106</td>
<td>Physics I for Engineering Students</td>
<td>12</td>
</tr>
<tr>
<td>33-111</td>
<td>Physics I for Science Students</td>
<td>12</td>
</tr>
<tr>
<td>33-115</td>
<td>Physics for Future Presidents</td>
<td>9</td>
</tr>
<tr>
<td>33-114</td>
<td>Physics of Musical Sound</td>
<td>9</td>
</tr>
<tr>
<td>33-124</td>
<td>Introduction to Astronomy</td>
<td>9</td>
</tr>
<tr>
<td>33-131</td>
<td>Matter and Interaction I</td>
<td>12</td>
</tr>
<tr>
<td>15-110</td>
<td>Principles of Computing</td>
<td>10</td>
</tr>
<tr>
<td>15-112</td>
<td>Fundamentals of Programming and Computer Science</td>
<td>12</td>
</tr>
<tr>
<td>15-122</td>
<td>Principles of Imperative Computation</td>
<td>10</td>
</tr>
<tr>
<td>06-100</td>
<td>Introduction to Chemical Engineering</td>
<td>12</td>
</tr>
<tr>
<td>12-100</td>
<td>Introduction to Civil and Environmental Engineering</td>
<td>12</td>
</tr>
</tbody>
</table>
Any language course in the Department of Modern Languages will satisfy this requirement.

CATEGORY 5: CULTURAL ANALYSIS. This requirement fosters deeper understanding of the role cultures play in shaping individual and social behaviors. Most courses in the Department of History (79-2xx or higher) and any language study or cultural study course in the Department of Modern Languages will satisfy this requirement. The following are examples of commonly chosen courses.

- 79-201 Introduction to Anthropology
- 79-205 20th/21st Century Europe
- 79-240 Development of American Culture
- 79-241 African American History: Africa to the Civil War
- 79-262 Modern China: From the Birth of Mao ... to Now
- 79-275 Introduction to Global Studies
- 79-303 Pittsburgh and the Transformation of Modern Urban America
- 79-305 Moneyball Nation: Data in American Life
- 79-345 Roots of Rock & Roll

Minor Requirement

In order to obtain the B.S.B.A., students must complete a minor from another academic department. Students are advised to consult with their Business academic advisor as well as the minor department advisor when selecting a minor.

Computing @ Carnegie Mellon

This course is required of all students for them to learn about the campus computing environment (usually taken prior to one’s first semester of freshman year).

99-10x Computing @ Carnegie Mellon

Free Electives

A free elective is any Carnegie Mellon course that does not fulfill any of the above requirements. Within these free electives, a maximum of nine units of pass/fail grade option coursework (Physical Education and/ or Military Science (ROTC) and/or Student-Led (StuCo) courses) may be counted toward the total of 364 units needed to complete the B.S. degree in Business Administration.

Summary of Degree Requirements:

<table>
<thead>
<tr>
<th>Area</th>
<th>Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Foundations</td>
<td>9</td>
<td>82</td>
</tr>
<tr>
<td>Business Core</td>
<td>11</td>
<td>102</td>
</tr>
<tr>
<td>Concentration Area</td>
<td>3</td>
<td>27</td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>7</td>
<td>63</td>
</tr>
<tr>
<td>Business Electives</td>
<td>3</td>
<td>27</td>
</tr>
<tr>
<td>Minor Requirement/Free</td>
<td>6+</td>
<td>60</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computing @ Carnegie Mellon</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>364</td>
</tr>
</tbody>
</table>

Sample Four-year Course Sequence

Freshman Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-120 Differential and Integral Calculus</td>
<td>10</td>
</tr>
<tr>
<td>70-100 Global Business</td>
<td>9</td>
</tr>
<tr>
<td>73-102 Principles of Microeconomics</td>
<td>9</td>
</tr>
<tr>
<td>76-101 Interpretation and Argument</td>
<td>9</td>
</tr>
<tr>
<td>xx-xxxx Breadth course</td>
<td>9</td>
</tr>
<tr>
<td>99-101/102 Computing @ Carnegie Mellon</td>
<td>3</td>
</tr>
<tr>
<td>49</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-256 Multivariate Analysis</td>
<td>9</td>
</tr>
<tr>
<td>70-105 Business Leadership Endeavor: Intern</td>
<td>1</td>
</tr>
</tbody>
</table>
Sophomore Year

Fall
70-122  Introduction to Accounting  9
70-208  Regression Analysis  9
70-xxx  Organizational Behavior or Business Communications  9
70-xxx  Marketing or Operations Management  9
xx-xxx  Breadth course  9

Spring
70-205  Business Leadership Endeavor: Analyst  4
70-257  Optimization for Business  9
73-230  Intermediate Microeconomics  9
or 73-240  Intermediate Macroeconomics  9
70-xxx  Organizational Behavior or Business Communications  9
70-xxx  Finance, Marketing, or Operations Management  9
xx-xxx  Minor Course/Breadth  9

Junior Year

Fall
70-345  Business Presentations  9
70-xxx  Finance, Marketing, or Operations Management  9
xx-xxx  Concentration/Minor/Business Elective Course  9
xx-xxx  Concentration/Minor/Business Elective Course  9
xx-xxx  Breadth Course  9

Spring
70-305  Business Leadership Endeavor: Manager  4
70-332  Business, Society and Ethics  9
xx-xxx  Concentration/Minor/Business Elective Course  9
xx-xxx  Concentration/Minor/Business Elective Course  9
xx-xxx  Concentration/Minor/Business Elective Course  9
xx-xxx  Breadth Course  9

Senior Year

Fall
70-401  Management Game  12
(may be taken in the Fall or Spring, replaced with a Concentration/Minor/Business Elective Course in the semester it is not taken)
xx-xxx  Concentration/Minor/Business Elective Course  9
xx-xxx  Concentration/Minor/Business Elective Course  9
xx-xxx  Concentration/Minor/Business Elective Course  9
xx-xxx  Concentration/Minor/Business Elective Course  9

Spring

Additional Major/Dual Degree

Additional Major in Business Administration

Students interested in pursuing an additional major in Business Administration must consult with an academic advisor in the Undergraduate Business Program. Students with junior standing and a minimum 3.0 QPA are eligible to apply once they have completed ALL of the Business Foundations AND six of the Business Core courses.

The following courses are required for the Additional Major:

**Business Foundations**

Mathematics
21-120  Differential and Integral Calculus  10
21-256  Multivariate Analysis  9
70-257  Optimization for Business  9

Economics
73-102  Principles of Microeconomics  9
73-103  Principles of Macroeconomics  9
73-230  Intermediate Microeconomics  9
or 73-240  Intermediate Macroeconomics  9

Statistics
70-207  Probability and Statistics for Business Applications  9
70-208  Regression Analysis  9

Computing
70-110  Business Computing  9

**Business Core**

Business Fundamentals
70-122  Introduction to Accounting  9
70-311  Organizational Behavior  9
70-332  Business, Society and Ethics  9
70-340  Business Communications  9
70-345  Business Presentations  9
70-371  Operations Management  9
70-381  Marketing I  9
70-391  Finance  9

Capstone
70-401  Management Game  12

1  or 21-259 Calculus in Three Dimensions.
2  or 21-257 Models and Methods for Optimization or 21-292 Operations Research I.

**Business Electives**

Complete a minimum of 18 units with a maximum of 21 units in upper-level Business courses (70-xxx).

**Double-Counting Restriction**

No more than two business core/business elective courses may double-count toward any other major or minor requirements.
Dual Degree in Business Administration

Students intending to pursue a Dual Degree in Business Administration are required to apply for the Degree in the same way as students apply for the additional major. In addition to the student's primary degree requirements, a student accepted for Dual Degree in Business Administration is required to complete at least 454 units in total and meet all requirements for the Business Administration major including the major's breadth requirements, concentration area, and business elective requirements. Since the Business Administration degree requires at least a minor in another area, the student's primary major will substitute for this requirement. The student's primary major must be completed prior to or at the same time as the dual degree in Business Administration to satisfy the minor requirement; a dual degree in Business Administration cannot be certified if the primary degree is not completed. Students must consult with a Business Administration academic advisor to review all requirements, once approved.

Double-Counting Restriction

No more than two business core/business elective courses may double-count toward any other degree requirements.

Minors

Minor in Business Administration

The minor in Business Administration requires 54 units of business coursework: three required courses, one constrained elective, and two electives.

Required Courses

70-100 Global Business 9
70-122 Introduction to Accounting 9
70-102 Principles of Microeconomics 9

Constrained Elective

Choose one course.

70-311 Organizational Behavior 9
70-371 Operations Management 9
70-381 Marketing I 9
70-391 Finance 9

BUSINESS Elective Courses

Choose 27 units of 70-xxx courses.


Some courses have prerequisites that might include specific mathematics or other Business courses. These may be found in the course descriptions and should be discussed with a Business academic advisor.

Students with sophomore standing who have taken at least two courses for the minor with a final grade of B or higher in said courses are eligible to declare the minor. Please consult with a Business academic advisor.

Double-Counting Restriction

Students pursuing the minor in Business Administration may double-count one minor courses with any other major or minor requirements.

Minor in Innovation & Entrepreneurship

The minor in Innovation & Entrepreneurship is offered by the Tepper School as part of the Integrative Design, Arts and Technology (IDeATe) network. IDeATe offers students the opportunity to become immersed in a collaborative community of faculty and peers who share expertise, experience, and passions at the intersection of arts and technology. Students will engage in active “learning by doing” in state-of-the-art maker spaces. The program addresses current and emerging real-world challenges that require disciplinary expertise coupled with multidisciplinary perspectives and collaborative integrative approaches.

The IDeATe undergraduate curriculum consists of eight interrelated concentration areas, all of which can also be taken as minors. The themes of these areas integrate knowledge in technology and arts: Game Design, Animation & Special Effects, Media Design, Learning Media, Sound Design, Innovation and Entrepreneurship, Intelligent Environments, and Physical Computing.

For more information about the IDeATe experience, visit http://coursecatalog.web.cmu.edu/servicesandoptions/undergraduatedoptions/#ideate

The new minor in Innovation and Entrepreneurship is a cross-university initiative that brings together STEM disciplines with arts, humanities and business.

In this minor, you will work collaboratively in hands-on explorations of the complete 21st century innovation ecosystem. You will experience integrated models of innovation that increase the likelihood of home-run products and services that will captivate society and/or the marketplace. Your contributions can fulfill deep-felt needs or connect culture and lifestyle in a way that galvanizes users and customers. Leveraging the diverse maker culture of Carnegie Mellon, this minor involves collaborative rapid prototyping and iteration.

The minor requires six courses, one under each heading below:

Portal Course

For students with no prior economics or business coursework, either one of the following:

70-100 Global Business 9
70-102 Principles of Microeconomics 9

For students with no prior design or product design coursework, either one of the following:

15-294 Special Topic: Rapid Prototyping Technologies 5
51-236 Information Design 9
62-478 IDeATe digiTOOL 6

For students with no prior programming or computer science coursework:

15-104 Introduction to Computing for Creative Practice 10

Entrepreneurship

Choose one:

70-414 Entrepreneurship for Engineers 9
70-415 Introduction to Entrepreneurship 9
70-420 Entrepreneurship for Scientists 9
70-421 Entrepreneurship for Computer Scientists 9
70-425 Entrepreneurship for the Creative Industries 9

Venture Creation

Choose one:

70-395 Funding Entrepreneurial Ventures 9
70-416 New Venture Creation 9

Innovation Process

Choose one:

70-438 Commercialization and Innovation 9
49-313 Designing for the Internet of Things

Product Development

49-300 Integrated Product Conceptualization 12

Practice/Experience

Multiple possibilities, including:

- 70-416 New Venture Creation (if you did not take it as your Venture Creation option);
- The Swartz Center for Innovation and Entrepreneurship Innovation Scholars Program (http://www.cmu.edu/swartz-center-for-entrepreneurship/education-and-resources/experiential-learning/innovation-scholars);
- The Swartz Center for Innovation and Entrepreneurship Project Olympus Probe (http://www.cmu.edu/swartz-center-for-entrepreneurship/education-and-resources/project-olympus/probes/student-probe-projects.html) - Working on your own startup (12 weeks full-time in summer or throughout one full academic year);
• Students may also, with prior approval of the Executive Director of the Swartz Center, Dave Mawhinney, fulfill this requirement through an internship with a qualifying startup or product design firm (12 weeks, full-time). If interested in this option, students should contact Dave Mawhinney (http://www.cmu.edu/swartz-center-for-entrepreneurship/about/staff.html) during their internship search.

Double-Counting Restriction
No more than two minor courses may double-count toward a student’s major core requirements or an additional minor’s core requirements.

Minor in Operations and Supply Chain Management
Students interested in study with a focus mainly on operations, logistics, and supply chain may choose this alternative business-related minor. Even though one of the requirements is a course in engineering project management, the minor is NOT limited to engineering students.

Five Required Courses:
73-102 Principles of Microeconomics 9
70-371 Operations Management 9
70-257 Optimization for Business 9
or 21-257 Models and Methods for Optimization 9
70-471 Supply Chain Management 9
70-460 Mathematical Models for Consulting 9
or 70-477 Real Options: Creating Value Beyond NPV 9

One Engineering Project Management course:
06-421 Chemical Process Systems Design 12
12-411 Project Management for Construction 9
18-540 Rapid Prototyping of Computer Systems 12
18-578 Mechatronic Design 12
19-451-19-452 EPP Projects-EPP Projects 24
24-370 Engineering Design I: Methods and Skills 12
27-399 Professional Development II 1
42-402 BME Design Project 9
88-451-88-452 Policy Analysis Senior Project-Policy Analysis 24
Senior Project

Some courses have prerequisites that might include specific mathematics or other Business courses. These may be found in the course descriptions and should be discussed with a Business advisor.

Students with sophomore standing who have taken at least two courses for the minor with a final grade of B or higher in said courses are eligible to declare the minor. Please consult with a Business academic advisor.

Double-Counting Restriction
Students pursuing the minor in Operations and Supply Chain Management may double-count two minor courses with requirements outside the minor.

Undergraduate Business Administration Program Policies & Procedures

Graduation Requirements
In order to graduate with the Bachelor of Science in Business Administration, students must meet all requirements specified for the program with a cumulative QPA of at least 2.00 and 364 earned units.

Students must also meet all university residence requirements and all financial obligations to the university before being awarded a degree.

Academic Advising
Students are required to meet with their advisor at least once each semester to ensure that they are making normal progress towards their degree. An appointment for advising may be scheduled at any time by sending a request to http://tepper.cmu.edu/undergradappt.

Dean's List
Students who receive a semester QPA of 3.75 or higher (with at least 36 factorable units and receiving no grades of “incomplete”) will be placed on the Tepper School’s Dean’s List for that semester.

Academic Actions
At the end of each semester, student progress and performance is evaluated by the UBA Academic Actions Committee which is comprised of Tepper School faculty and administrative staff.

Good Standing (Departmental Status)
To graduate on time (within eight semesters), students need to earn an average of 45 units per semester and maintain at least a 2.0 QPA. Full time status as defined by the university is 36 units. Students must receive advisor approval to take less than 36 units per semester. Students who are not making adequate progress toward the degree – demonstrated either through QPA or semester course load – may receive a “warning letter” from the UBA. Receiving this letter is a notice to the students that they need to consult with their advisor to address their progress and to determine a plan for completing their degree on time.

UBA Academic Probation (Departmental Status)
Students whose QPA for a semester falls below 2.0 and/or did not earn at least 36 units without advisor approval are placed on departmental probation. Notification of probation is communicated to students via a letter from the Program Head via email and postal service. Students with probation status will have their semester performance reviewed by the UBA Academic Actions Committee at the end of their probation semester. Students will return to “good standing” if they’ve earned at least a 2.0 semester QPA while earning at least 36 units with a cumulative QPA is above 2.0.

Academic Suspension (University Status, Departmental Decision)
Students who do not meet the requirements for being removed from probation qualify for academic suspension - http://www.cmu.edu/policies/index.html. To return from Academic Suspension, UBA students need to submit the following documents to their academic advisor prior to being eligible to enroll in the following semester:

• a completed “Return from Leave of Absence” form (to be used even though it is a return from suspension);
• a transcript showing any coursework done outside of Carnegie Mellon during the suspension;
• a letter of endorsement for return from a college instructor (of a course taken during the suspension) and/or from a supervisor (from employment during the suspension);
• a personal statement from the student that includes three topics: reflection on the issues that led to the suspension, how the student has dealt with those issues and is ready to return successfully, and a strategic plan for success in the return semester.

Students have a right to return from Academic Suspension after one year, and these documents listed above are not intended to make students “qualify” to return; they are to be used to advise and support students for a successful transition back into a full-time semester course load.

Drop (University Status)
Drop means permanent expulsion from the University. This normally follows a student’s failure to meet minimal academic performance while on Probation after an Academic Suspension has been served.

Appeals
Students have the right to appeal the decisions of the Academic Actions Committee to the Senior Associate Dean of Education of the Tepper School. All appeals must be received in writing and are reviewed by the Tepper School Dean’s Office.

Transfer into Business
The undergraduate Business Administration Program accepts applications for transfer admission from any academic institution outside of Carnegie Mellon University on a limited basis. External transfer is limited to students who have just completed their first year of study in another institution. Students interested in transfer should contact Carnegie Mellon’s Office of Admission.

The Program accepts applications for transfer from current Carnegie Mellon students who are in other colleges, also on a limited basis. Current students interested in transferring must meet with a Business academic advisor to discuss their plans and qualifications as well as the application
Transfer of Course Credit

Courses taken at institutions of higher education outside of Carnegie Mellon can be considered for transfer if the courses and the institution offering them are of a level and rigor comparable to the Tepper School and to Carnegie Mellon. Students completing the business degree may only receive credit for a maximum of three courses (27 units) to count toward the degree requirements, one of which (9 units) may count toward a concentration area within the degree. Students seeking an additional major may only receive credit for a maximum of two courses (18 units), and those completing a minor may only receive credit for one course (9 units) through transferred credit. Transfer credit must receive approval from the Business program. No transferred credit will be awarded for any course in which the grade received is less than a B-. Students who have transferred into Business Administration from another institution will have used their allocation of transfer credit and will not be permitted to transfer any additional future course credit from outside Carnegie Mellon.

Pass/No Credit

Students may use a maximum of 9 units of grades of "P" (pass) credit towards their graduation requirement. This does not include the course 99-101/102, Computing@Carnegie Mellon.

The College Honors Program

Students with outstanding records (minimum GPA of 3.50) and with at least 270 units of credit are invited to undertake an honor's thesis project under the direction of a faculty member for 18 units of credit. Students meeting these criteria are highly encouraged to consider the honor's thesis option. For more information about the honor's thesis, please contact a Business academic advisor.

Internship Credit

The UBA Program supports experiential learning with the three-unit "P" grade Internship course 70-499 in the Fall, Spring or Summer terms. Enrollment eligibility requires that students must be: a Business major or additional major; in academic good standing with home college; in sophomore standing or above; and employed with an offer letter from employer stating job description, start/completion dates, and contact information. Interested students must work with a Business academic advisor to register for the course.

Full-Time Faculty

MUSTAFA AKAN, Associate Professor of Operations Management – Ph.D., Northwestern University; Carnegie Mellon, 2008–.

JAMES F. ALBERTUS, Assistant Professor of Finance – Ph.D., New York University; Carnegie Mellon, 2016–.

LAURENCE ALES, Associate Professor of Economics – Ph.D., University of Minnesota; Carnegie Mellon, 2008–.

KATHARINE ANDERSON, Assistant Professor of Economics and Entrepreneurship – Ph.D., University of Michigan; Carnegie Mellon, 2010–.

JAY APT, Professor of Technology; Co-Director, Carnegie Mellon Electricity Industry Center – Ph.D., Massachusetts Institute of Technology; Carnegie Mellon, 2000–.

LINDA ARGO, David M. Kirr and Barbara A. Kirr Professor of Organizational Behavior and Theory; Director, Center for Organizational Learning, Innovation and Performance – Ph.D., University of Michigan; Carnegie Mellon, 1979–.

BRANDY L. AVEN, Associate Professor of Organizational Behavior and Theory – Ph.D., Stanford University; Carnegie Mellon, 2010–.

ECON BALAS, University Professor of Industrial Administration and Applied Mathematics; Thomas Lord Professor of Operations Research – D.Sc.Ec., University of Brussels; D.U. (Math), University of Paris; Carnegie Mellon, 1968–.

KATHRYN BARRACLough, Distinguished Service Professor of Finance – Ph.D., Australian National University; Carnegie Mellon, 2015–.

ILKER BAYBARS, Deputy Dean Emeritus, Tepper School of Business; George Leland Bach Chair; Professor of Operations Management – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1979–.

CARLA BEvins, Assistant Teaching Professor of Business Communication – Ph.D., University of Kentucky; Carnegie Mellon, 2017–.

ANDREW BIRD, Assistant Professor of Accounting; BP Junior Faculty Chair – Ph.D., University of Toronto; Carnegie Mellon, 2013–.

PETER BOATWRIGHT, Carnegie Bosch Professor of Marketing – Ph.D., University of Chicago; Carnegie Mellon, 1997–.

PIETRO BONALDI, Assistant Professor of Accounting – Ph.D., University of Chicago; Carnegie Mellon, 2017–.

ARTHUR A. BONI, The John R. Thorne Distinguished Career Professor of Entrepreneurship – Ph.D., University of California, San Diego; Carnegie Mellon, 2001–.

SERRA BORANBAY-AKAN, Assistant Professor of Economics, Carnegie Mellon-Qatar – Ph.D., Northwestern University; Carnegie Mellon, 2013–.

CLARA BURKE, Assistant Professor of Business Communication – Ph.D., University of Wisconsin-Madison; Carnegie Mellon, 2015–.

DAVID CHILDERS, Assistant Professor of Economics.

SOO-HAENG CHO, Associate Professor of Operations Management – Ph.D., University of California, Los Angeles; Carnegie Mellon, 2008–.

ROSALIND M. CHOW, Associate Professor of Organizational Behavior and Theory – Ph.D., Stanford University; Carnegie Mellon, 2008–.

MILTON L. COFIELD, Distinguished Service Professor of Business Management, Carnegie Mellon-Qatar – Ph.D., University of Illinois; Carnegie Mellon, 2001–.

TAYA R. COHEN, Associate Professor of Organizational Behavior and Theory – Ph.D., University North Carolina, Chapel Hill; Carnegie Mellon, 2010–.

GERARD P. CORNEJOLS, IBM University Professor of Operations Research – Ph.D., Cornell University; Carnegie Mellon, 1978–.

CARLOS CORONA, Associate Professor of Accounting – Ph.D., Stanford University; Carnegie Mellon, 2010–.

W. ROBERT DALTON, Associate Teaching Professor of Economics, Emeritus – Ph.D., University of Missouri; Carnegie Mellon, 1985–.

ROBERT M. DAMMON, Dean; Professor of Financial Economics – Ph.D., University of Wisconsin, Madison; Carnegie Mellon, 1984–.

TETIANA DAVYDIUK, Assistant Professor of Finance – Ph.D., University of Pennsylvania; Carnegie Mellon, 2017–.

JULIA G. DEEMS, Assistant Teaching Professor of Business Management Communication – M.A. English, The Ohio State University; Carnegie Mellon, 2011–.

MATTHEW DENES, Assistant Professor of Finance – Ph.D., University of Washington; Carnegie Mellon, 2017–.

TIMOTHY P. DERDINGER, Associate Professor of Marketing and Strategy – Ph.D., University of Southern California; Carnegie Mellon, 2009–.

KENNETH B. DUNN, Professor of Financial Economics, Emeritus – Ph.D., Purdue University; Carnegie Mellon, 1979–.

S. THOMAS EMERSON, David T. and Lindsay J. Morgenthaler Distinguished Career Professor of Entrepreneurship - Carnegie Mellon University-Qatar – Ph.D., Rice University; Carnegie Mellon, 2000–.

DENNIS N. EPPLE, Thomas Lord University Professor of Economics – Ph.D., Princeton University; Carnegie Mellon, 1974–.

SELIM EROL, Assistant Professor of Economics – Ph.D., University of Pennsylvania; Carnegie Mellon, 2017–.

FUAD FAROOQI, Associate Teaching Professor of Finance, Carnegie Mellon-Qatar – Ph.D., Richard Ivey School of Business; Carnegie Mellon, 2013–.

MARK FICeman, Associate Professor of Organizational Behavior and Theory, Emeritus – Ph.D., University of Michigan; Carnegie Mellon, 1980–.

CHRISTINA FONG, Research Scientist, Department of Social and Decision Sciences, Dietrich College – Ph.D., University of Massachusetts; Carnegie Mellon, 2000–.

JEFFREY GALAK, Associate Professor of Marketing – Ph.D., New York University; Carnegie Mellon, 2009–.

JOHN GASPER, Associate Teaching Professor of Economics – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2008–.
DAVID L. LAMONT, Associate Teaching Professor; Director, Management
Mellon University; Carnegie Mellon, 1977–.

FINN KYDLAND, The Richard P. Simmons Distinguished Professorship; State University; Carnegie Mellon, 2014–.

LARS-ALEXANDER KUEHN, Associate Professor of Finance – Ph.D., University of Pennsylvania; Carnegie Mellon, 2011–.

MARVIN GOODFRIEND, The Friends of Allan Meltzer Professor; Professor of Economics – Ph.D., Brown University; Carnegie Mellon, 2005–.

OLIVER HAHL, Assistant Professor of Organizational Behavior and Strategy; Frank A. and Helen E. Risch Faculty Development Professor of Business, AYs 2016-2018 – Ph.D., Massachusetts Institute of Technology; Carnegie Mellon, 2013–.

MAHER HAKIM, Associate Teaching Professor of Entrepreneurship, Carnegie Mellon-Qatar – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1993–.

DALE HERSHEY, Associate Teaching Professor of Law, Emeritus – LL.B., Harvard Law School; Carnegie Mellon, 1987–.

GEOFFREY HITCH, Associate Teaching Professor of Acting and Business Communication – M.F.A., Carnegie Mellon; Carnegie Mellon, 1992–.

BURTON HOLLIFIELD, Head, Undergraduate Business Program, PNC Professor of Finance; Professor of Financial Economics – Ph.D., Carnegie Mellon; Carnegie Mellon, 1998–.

JOHN HOOKER, T. Jerome Holleran Professor of Business Ethics and Social Responsibility; Professor of Operations Research; Director, Center for International Corporate Responsibility – Ph.D., Vanderbilt University; University of Tennessee; Carnegie Mellon, 1984–.

GUOFANG HUANG, Assistant Professor of Marketing – Ph.D., John Hopkins University; Carnegie Mellon, 2013–.

JOSEPH B. KADANE, Leonard J. Savage University Professor of Statistics and Social Sciences, Emeritus – Ph.D., Stanford University; Carnegie Mellon, 1969–.

WILLIAM KAIGLER, Assistant Teaching Professor of Entrepreneurship – MSIA, Carnegie Mellon University; Carnegie Mellon, 2016–.

KARMA KANG, Assistant Professor of Economics – Ph.D. , University of Pennsylvania; Carnegie Mellon, 2012–.

STEPHEN A. KAROLYI, Assistant Professor Finance and Accounting – Ph.D., Yale University; Carnegie Mellon, 2014–.

SHAM KEKRE, Distinguished Service Professor of Operations Management – Ph.D., University of Rochester; Carnegie Mellon, 2006–.

SUNDER KEKRE, Director, PNC Center for Financial Services Innovation; Bosch Professor of Operations Management – Ph.D., University of Rochester; Carnegie Mellon, 1984–.

ONUR KESTEN, Associate Professor of Economics – Ph.D., University of Rochester; Carnegie Mellon, 2006–.

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CLAUDIA A. KIRKPATRICK, Associate Teaching Professor of Business Management Communication, Emerita – D.A., Carnegie Mellon University; Carnegie Mellon, 1982–.

DAVID KRAKCHARDT, Professor of Organizations, H. John Heinz III College and Joint Appointment at Tepper School of Business – Ph.D., University of California, Irvine; Carnegie Mellon, 1991–.

ROBERT K. KRAUT, Herbert A. Simon Professor of Human-Computer Interaction, School of Computer Science and Joint Appointment at Tepper School of Business – Ph.D., University of California, San Diego; Carnegie Mellon, 1991–.

DOKYUN LEE, Assistant Professor of Business Analytics; Xerox Junior Faculty Chair – Ph.D., University of Pennsylvania; Carnegie Mellon, 2015–.

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REBECCA LESSEM, Assistant Professor of Economics – Ph.D., University of Wisconsin-Madison; Carnegie Mellon, 2011–.

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PIERRE JINGHONG LIANG, Professor of Accounting – Ph.D., University of Florida; Carnegie Mellon, 1998–.

ZACHARY CHASE LIPTON, Instructor of Business Technologies – Ph.D., University of California, San Diego; Carnegie Mellon, Expected 2018–.

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JOHN H. MATHER, Teaching Professor of Marketing, Emeritus – Ph.D., University of Arizona; Carnegie Mellon, 1992–.

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BENNETT T. MCCALLUM, H. J. Heinz Professor of Economics – Ph.D., Rice University; Carnegie Mellon, 1981–.

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ALAN MONTGOMERY, Professor of Marketing – Ph.D., University of Chicago; Carnegie Mellon, 1999–.

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TRIDAS MUKHOPADHYAY, Deloitte Consulting Professor of e-Business; Professor of Business Technologies – Ph.D., University of Michigan; Carnegie Mellon, 1986–.

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MILDERD S. MYERS, Teaching Professor of Business Management Communication, Emerita – D.A., Carnegie Mellon University; Carnegie Mellon, 1984–.

JOHN R. O’BRIEN, Associate Professor of Accounting and Experimental Economics; Associate Dean, Carnegie Mellon-Qatar – Ph.D., University of Minnesota; Carnegie Mellon, 1984 (Leave of Absence: AY 2013-14)–.

CHRISTOPHER OLIVOLA, Assistant Professor Marketing – Ph.D., Princeton University; Carnegie Mellon, 2013–.

JAVIER F. PENA, Bajaj Family Chair in Operations Research; Professor of Operations Research – Ph.D., Cornell University; Carnegie Mellon, 1999–.

EVELYN M. PIERCE, Teaching Professor of Teaching Professor of Business Management Communication – M.F.A., University of Pittsburgh; Carnegie Mellon, 1993–.

RONALD PLACONE, Associate Teaching Professor of Business Communications; Faculty Lead, Accelerate Leadership Center – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2012–.

R. RAIV, Andris A. Andris A. Zoltners Professor of Business; Rohet Tolani Distinguished Professor; Professor of Operations Research and Computer Science – Ph.D., Brown University; Carnegie Mellon, 1995–.

DENISE M. ROUSSEAU, H. J. Heinz II University Professor of Organizational Behavior and Public Policy, Heinz College and Joint Appointment at Tepper School of Business – Ph.D., University of California at Berkeley; Carnegie Mellon, 1994–.

BRYAN R. ROUTLEDGE, Associate Professor of Finance – Ph.D., University of British Columbia; Carnegie Mellon, 1995–.
THOMAS G. RUCHTI, Assistant Professor of Accounting – Ph.D., California Institute of Technology; Carnegie Mellon, 2015–.

MARYAM SAEEDI, Assistant Professor of Economics – Ph.D., University of Minnesota; Carnegie Mellon, 2012–.

ALAN SCHELLER-WOLF, Professor of Operations Management; Head, Ph.D. Program – Ph.D., Columbia University; Carnegie Mellon, 1996–.

NICOLA SECOMANDI, Professor of Operations Management – Ph.D., University of Houston; Carnegie Mellon, 2003–.

DUANE J. SEPP, BNY Mellon Professor of Finance; Professor of Financial Economics; Head, Master of Science in Computational Finance Program – Ph.D., University of Chicago; Carnegie Mellon, 1986–.

CATHERINE SHEA, Assistant Professor of Organizational Behavior and Theory – Ph.D., Duke University; Carnegie Mellon, 2017–.

ALI SHOURIDEH, Assistant Professor of Economics – Ph.D., University of Minnesota; Carnegie Mellon, 2012–.

PARAM VIR SINGH, Associate Professor of Business Technologies; Carnegie Bosch Junior Chair in Information Sciences – Ph.D., University of Washington, Seattle; Carnegie Mellon, 2008–.

MARVIN A. SIRBU, Professor of Engineering and Public Policy, Electrical and Computer Engineering, Carnegie Institute of Technology and joint Appointment at Tepper School of Business – Ph.D., Massachusetts Institute of Technology; Carnegie Mellon, 1985–.

CHRISTOPHER SLEET, Professor of Economics; Head of Economics – Ph.D., Stanford University; Carnegie Mellon, 2005–.

FALLAW B. SOWELL, Associate Professor of Economics – Ph.D., Duke University; Carnegie Mellon, 1988–.

CHESTER S. SPATT, Pamela R. and Kenneth B. Dunn Professor of Finance – Ph.D., University of Pennsylvania; Carnegie Mellon, 1979–.

STEPHEN E. SPEAR, Professor of Economics – Ph.D., University of Pennsylvania; Carnegie Mellon, 1982–.

KANNAN SRINIVASAN, H. J. Heinz II Professor of Management, Marketing, and Information Systems – Ph.D., University of California, Los Angeles; Carnegie Mellon, 1986–.

ANTHONY P. STANTON, Teaching Professor of Graphic Media Management; Director, Graphic Media Management Program – Ph.D., University of Pittsburgh; Carnegie Mellon, 1996–.

V. EMILY STARK, Assistant Teaching Professor of Business Communication – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2013–.

PETER STUETTGEN, Assistant Teaching Professor of Marketing, Carnegie Mellon-Qatar.

PETER STUETTGEN, Assistant Teaching Professor of Marketing, Carnegie Mellon-Qatar.

AUSTIN SUDBURY, Assistant Professor of Accounting – Ph.D., Ohio State University; Carnegie Mellon, 2014–.

SRIDHAR R. TAYUR, The Ford Distinguished Research Chair; Professor of Operations Management – Ph.D., Cornell University; Carnegie Mellon, 1991–.

RAUL TELANG, Professor if Information Systems, Heinz College, and by courtesy, Tepper School of Business – Ph.D., Carnegie Mellon University ; Carnegie Mellon, 2002–.

CHRISTOPHER I. TELMER, Associate Professor of Financial Economics – Ph.D., Queen's University at Kingston (Canada); Carnegie Mellon, 1992–.

MICHAEL A. TRICK, Senior Associate Dean, Faculty and Research; Harry B. and James H. Higgins Professor of Operations Research – Ph.D., Georgia Institute of Technology; Carnegie Mellon, 1988–.

DAVID E. TUNGATE, Distinguished Service Professor of Law – LL.B., University of Illinois School of Law; Carnegie Mellon, 1991–.

WILLEM-JAN VAN HOEVE, Associate Professor of Operations Research – Ph.D., University of Amsterdam; Carnegie Mellon, 2007–.

STEPHEN VARGO, Assistant Teaching Professor of Business Administration, Carnegie Mellon-Qatar – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1997–.

SHU LIN WEE, Assistant Professor of Economics – Ph.D., University of Maryland; Carnegie Mellon, 2014–.

Laurie R. Weingart, Senior Associate Dean, Education; Carnegie Bosch Professor of Organizational Behavior and Theory – Ph.D., Northwestern University; Carnegie Mellon, 1989–.

GEORGE M. WHITE, Distinguished Career Professor of Entrepreneurship – Carnegie Mellon-Qatar – Ph.D., University of Oregon; Carnegie Mellon, 2007–.

JEFFREY R. WILLIAMS, Professor of Business Strategy – Ph.D., University of Michigan; Carnegie Mellon, 1977–.

ANITA WILLIAMS WOOLLEY, Associate Professor of Organizational Behavior and Theory – Ph.D., Harvard University; Carnegie Mellon, 2008–.

JOSEPH XU, Assistant Professor of Operations Management – Ph.D., The University of Pennsylvania; Carnegie Mellon, 2016–.

SEVIN YELTEKIN, Professor of Economics – Ph.D., Stanford University; Carnegie Mellon, 2005–.

RICHARD O. YOUNG, Teaching Professor of Business Management Communication – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1985–.

ARIEL ZETLIN-JONES, Assistant Professor of Economics – Ph.D., University of Minnesota; Carnegie Mellon, 2012–.

KAIFU ZHANG, Assistant Professor of Marketing – Ph.D., INSEAD; Carnegie Mellon, 2014–.

Visiting Faculty

ROBERT C. BLATTBERG, Executive Director, Center for Marketing Technology and Information; Timothy W. McQuire Distinguished Service Professor of Marketing – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2008–.

STEPHEN M. CALABRESE, Visiting Associate Professor of Economics; Carnegie Mellon-Qatar – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2007–.

ROSS DOPPELT, Visiting Assistant Professor of Economics – Ph.D., New York University; Carnegie Mellon, 2017–.

PHILIPP ILLEDITSCH, Visiting Assistant Professor of Finance – Ph.D., Texas A&M University; Carnegie Mellon, 2017–.

STEFAN LEWELLEN, Visiting Assistant Professor of Accounting and Finance – Ph.D., Yale University; Carnegie Mellon, 2017–.

SELÇUK OZYURT, Visiting Assistant Professor of Economics – Ph.D., New York University; Carnegie Mellon, 2017–.

SINAN SARPCA, Visiting Assistant Professor of Economics – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2017–.

EMMA ZHAO, Post-Doctoral Fellow, Organizational Behavior and Theory – Ph.D., University of Melbourne; Carnegie Mellon, 2017–.

Adjunct Faculty

ROBERT ALMGREN, Adjunct Professor of Finance – Ph.D., Princeton University; Carnegie Mellon, 1989–.

SEAN AMMIRATI, Adjunct Professor of Entrepreneurship – B.S., Grove City College; Carnegie Mellon, 2002–.

GERARD BEENEN, Adjunct Professor of Organizational Behavior and Theory – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2008–.

STEVEN BOLLINGER, Adjunct Professor of Entrepreneurship.

RICHARD L. BRYANT, Adjunct Professor of Business; Executive Director, Master of Science in Computational Finance Program – M.B.A., Carnegie Mellon University; Carnegie Mellon, 1999–.

LEONARD CARIC, Adjunct Professor of Entrepreneurship – M.S.I.A., Carnegie Mellon University; Carnegie Mellon, 1994–.

CLYDE (NED) COLLINS, Adjunct Professor of Entrepreneurship – M.B.A., Carnegie Mellon University; Carnegie Mellon, 2004–.

LLOYD CORDER, Adjunct Professor of Marketing – Ph.D., University of Pittsburgh; Carnegie Mellon, 2000–.

TIM CUNNINGHAM, Adjunct Professor of Entrepreneurship – M.A., University of California, Los Angeles; Carnegie Mellon, 2014–.

CHRIS CYNKAR, Adjunct Professor of Entrepreneurship – M.S.I.A., Carnegie Mellon University; Carnegie Mellon, 2008–.

ROBERT DALEY, Adjunct Professor of Entrepreneurship – M.B.A., Northwestern University; Carnegie Mellon, 2013–.

L. FRANK DEMMLER, Adjunct Professor of Entrepreneurship – M.B.A., University of California at Los Angeles; Carnegie Mellon, 2002–.
CLIFFORD T. EARLY, Adjunct Professor of Law – J.D., University of Pittsburgh; Carnegie Mellon, 2000–.

CAROL B. GOLDBURG, Executive Director, Undergraduate Economics Program; Adjunct Professor of Economics – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2005–.

JOSEPH HORNACK, Adjunct Professor of Law – J.D., Rutgers University; Carnegie Mellon, 1981–.

ELAINE HYDER, Adjunct Professor of Organizational Behavior and Theory – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2009–.

RAZI IMAM, Adjunct Professor of Entrepreneurship – MBA, Indiana University of Pennsylvania; .

ELIF INCEKARA, Adjunct Assistant Professor of Economics – Ph.D., Pennsylvania State University; Carnegie Mellon, 2007–.

HARRIS JONES, Adjunct Professor of Entrepreneurship – MBA, University of Virginia; Carnegie Mellon, 1991–.

ROBERT E. KELLEY, Distinguished Service Professor of Organizational Behavior and Theory – Ph.D., Colorado State University; Carnegie Mellon, 1981–.

HARSH MANGLIK, Executive in Residence and Adjunct Professor of Management – M.S.I.A., Carnegie Mellon University; Carnegie Mellon, 2013–.

MELISSA MURPHY, Adjunct Professor of Marketing – B.A., University of Pittsburgh; Carnegie Mellon, 2013–.

ADAM PAULISICK, Adjunct Professor of Entrepreneurship.

JAMES H. ROBERTS, Adjunct Professor of Law – J.D., Syracuse University School of Law; Carnegie Mellon, 2011–.

JOSEPH RUDMAN, Adjunct Professor of Business Communication – D.A., Carnegie Mellon University; Carnegie Mellon, 1974–.