

# Tepper School of Business

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The mission of the Tepper School of Business is to improve the leadership and problem-solving capabilities of individuals so as to enhance their value to organizations and society at large. The Tepper School of Business strives for excellence in the creation and dissemination of knowledge that is grounded in scientific principles and interdisciplinary collaboration, and is directed toward improving the practice and profession of management.

## History

Since its founding in 1949 by William Larimer Mellon, the Tepper School of Business at Carnegie Mellon has been a pioneer in the field of analytical decision-making and management science. Its three main activities are undergraduate education, graduate education, and research.

Today, the business school is most recognized for research and teaching in the areas of economics, finance, marketing, operations management, organizational behavior, and operations research. The School's notable contributions to the intellectual community include nine Nobel laureates. It is also ranked among the schools with the highest rate of academic citations in the fields of finance, operations/production, operations research, and organizational behavior. The academic offerings of the Tepper School of Business include undergraduate studies in business and economics, masters studies in business administration and financial engineering, and doctoral studies.

Undergraduate and graduate students gain a valuable academic foundation in the fundamental disciplines of economics, the behavioral sciences and the management sciences. In addition to emphasizing an analytical approach to problem-solving and decision-making, students integrate communication, strategic thinking and leadership into their student experience.

## Educational Objectives

The Tepper School of Business is committed to excellence at all levels of education – undergraduate, graduate, executive, and life-long learning. We recognize that educational excellence does not occur in a vacuum: It is the result of an intentionally created environment that values and takes advantage of diversity of community, thought, and experience. The result is the “Tepper School Experience” where open exchange of ideas exists and where discovery, innovation, creativity and entrepreneurship germinate and flourish.

Our goal of undergraduate educational excellence is grounded on four pillars:

- creating and providing innovative and dynamic curricula;
- challenging students with opportunities and experiences that encourage them to reflect on the intersections of ethics, responsibility, and professionalism – enabling them to develop the skills needed to be successful future leaders of teams and organizations;
- transforming the classroom experience to make use of technology-enhanced learning so that students have multiple and differentiated learning models; and
- collaborating with programs and colleges across the CMU campus to create unique synergistic curricular and meta-curricular opportunities that take advantage of the breadth of CMU's excellence.

## Academic Programs

### Undergraduate Degrees Offered

The Tepper School offers degrees and programs that allow students to explore particular fields within their major. These are outlined below — see the departmental sections of the catalog for further details.

#### Business Administration

The Undergraduate Business Administration Program is among the world's elite programs for undergraduate business study and is consistently rated in the top ten undergraduate programs by *US News & World Report* and in the top twenty-five by *Businessweek*. Its reputation is based upon a rigorous academic curriculum, rich in the technical aspects of management, along with the breadth of liberal arts courses that characterizes what the best of undergraduate study means for the development of the person.

The Tepper School offers the degree of Bachelor of Science in Business Administration with the following concentration areas for specialized study:

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

#### Economics

The Undergraduate Economics Program has a unique position at Carnegie Mellon University. It is the sole undergraduate program that is a joint program of the Tepper School of Business and the Marianna Brown Dietrich College of Humanities and Social Sciences. The combination of research strength (The Tepper School has been home to nine Nobel laureates in Economics) and commitment to liberal arts and interdisciplinary studies (Dietrich College has “the most creative general education program of any American university” – *New York Times*) provides our undergraduates with a world-class economics program.

Economics majors are considered members of both colleges and enjoy the full support and services of both. Undergraduate economics students should consult the program's website for details about applicable Tepper School and Marianna Brown Dietrich academic policies and procedures.

The Undergraduate Economics Program offers four primary degrees (listed below). The Undergraduate Economics Program offers six concentration areas which allow students to specialize in: Market Design, Economics of Global Change and Disruption, Strategy and Markets, Global Markets and Finance, Economics of Public Policy, and Advanced Quantitative Economics Methods. Concentrations consist of groups of mutually reinforcing economics electives that build off the economics core curriculum. These focused sets of electives allow a student to explore a group of allied topics, and/or develop a specialized and advanced skill set appropriate for a desired career. Students are not required to complete a concentration in order to earn a degree. See the program website (<https://www.cmu.edu/tepper/programs/undergraduate-economics/curriculum>) for more details.

- B.A. in Economics
- B.S. in Economics
- B.S. in Economics and Mathematical Sciences
- B.S. in Economics and Statistics

## Minors, Additional Majors and Dual Degrees

In addition to offering major degrees, both undergraduate programs offer additional majors, dual degrees and minors to all members of the Carnegie Mellon undergraduate community. These degrees are:

- Additional Major in Business Administration
- Additional Major in Economics
- Additional Major in Economics and Statistics

- Minor in Business Administration
- Minor in Operations and Supply Chain Management
- Minor in Economics
- Minor in Innovation and Entrepreneurship

Students interested in these degrees should consult with the appropriate Tepper School academic advisor.

## First Year Experience and General Education Program

Although the undergraduate business students and the undergraduate economics students follow different first year curricula, both programs provide a broad foundation upon which students build their eventual majors. Details about the first-year experience and general education requirements for the undergraduate business students and the undergraduate economics students can be found, respectively, on the Undergraduate Business Program website (<https://www.cmu.edu/tepper/programs/undergraduate-business>) and the Dietrich College of Humanities and Social Sciences General Education website (<http://www.hss.cmu.edu/gened>).

## Study Abroad

The Undergraduate Programs encourage students to consider enriching their educational experience by studying abroad during their undergraduate tenure. Interested students should meet with their academic advisors and with the Office of International Educational advisors.

## Honors Degree Programs

Both the Undergraduate Economics Program and the Undergraduate Business Administration Program encourage and offer qualified students the opportunity to participate in an honors degree program. See each program's section of the catalog for more details.

## Accelerated Masters Programs

All Carnegie Mellon undergraduates with outstanding academic performance are eligible to apply to the Tepper School's accelerated MBA program. Students who are accepted bypass their senior year as undergraduates and earn both their bachelor's degree and their MBA degree in five years. Applicants to this 3-2 program are evaluated not only on their academic achievement but also on their maturity, commitment, sense of direction, and interpersonal and communications skills. Their experiences in summer internships and their extracurricular activities are also evaluated. Admission to the MBA program is highly competitive, and 3-2 applicants compete with the entire applicant pool for spaces in the program. Students interested in the 3-2 program should read the MBA catalog available from the Masters Admissions Office. They should also talk with their individual academic advisors concerning completion of their undergraduate requirements.

Tepper School undergraduate students are also eligible to apply to the accelerated masters programs offered by the Heinz College of Information Systems and Public Policy, including the Masters of Arts Management, Masters in Biotechnology Management, Masters of Health Care and Policy Management, Masters of Public Policy and Management, and Masters of Information Systems.

## Research Centers

Website: <https://www.cmu.edu/tepper/faculty-and-research/centers/index.html>

True to its heritage, the Tepper School commits significant resources to continuing research that advances business practice and theory. Students have the opportunity to learn from professors who spearhead internationally recognized research centers, including:

- Accelerate Leadership Center (<https://www.cmu.edu/tepper/faculty-and-research/centers/accelerate-leadership-center>)
- Carnegie Mellon Electricity Industry Center (<https://ceic.tepper.cmu.edu>)
- Center for Behavioral and Decision Research (<http://cbdr.cmu.edu>)
- Center for Organizational Learning, Innovation and Knowledge (<https://www.cmu.edu/tepper/faculty-and-research/centers/center-for-organizational-learning-innovation-and-knowledge>)
- Green Design Institute (<http://www.cmu.edu/gdi>)
- PNC Center for Financial Services Innovation (<https://www.cmu.edu/tepper/pnc-center-for-financial-services-innovation>)

- Swartz Center for Entrepreneurship (<https://www.cmu.edu/swartz-center-for-entrepreneurship>)

## Tepper School Policies and Procedures

### Academic Standards

A detailed list and explanation of university-wide academic standards and practices governing undergraduate students may be found in the "Undergraduate Academic Regulations" (<http://coursecatalog.web.cmu.edu/servicesandoptions/undergraduateacademicregulations>) section of the catalog. Undergraduate Business Administration students are governed by the program's academic policies described in the program's section of this catalog (<http://coursecatalog.web.cmu.edu/tepper/undergraduatebusinessadministrationprogram/#policiesprocedurestext>); Undergraduate Economics students are governed by the Dietrich College academic actions policies (<http://coursecatalog.web.cmu.edu/dietrichcollegeofhumanitiesandsocialsciences/#academicstandardsregulationsandprotocols>).

### Graduation Requirements

Students in both the Business Administration Program and the Economics Programs qualify to graduate by meeting the following conditions:

1. Complete all degree, College, and University course requirements as shown in the Undergraduate Business Administration's and Undergraduate Economics Program's sections of this catalog.
2. Be recommended for their degree by the faculty of the Tepper School.
3. Meet the University's residency requirement, detailed in the "Undergraduate Academic Regulations" (<http://coursecatalog.web.cmu.edu/servicesandoptions/undergraduateacademicregulations>) section of the catalog.
4. Meet all financial obligations to the university before being awarded a degree.

Modification of Graduation Requirements: A student may seek permission to modify graduation requirements by petition to the Program head and the Senior Associate Dean, Education.

In addition to meeting university and college graduation requirements, the Undergraduate Economics Program has the additional requirement that economics courses counting towards any economics degree must be completed with a grade of "C" or better.