

# GPS

**DIVISION OF GRADUATE  
PROFESSIONAL STUDIES**  
RABB SCHOOL OF CONTINUING STUDIES

## MASTER'S DEGREES AND GRADUATE CERTIFICATES

We offer degrees and certificates in the following disciplines:

- Bioinformatics
- Information Assurance
- Information Technology Management
- Management of Projects and Programs
- Software Engineering
- Virtual Team Management and Communication

## THE GPS COMPETITIVE EDGE

- Part of a world-class research university
- More focused than MBA programs
- Instructors are working professionals
- Representatives from leading companies serve on program advisory councils
- Knowledge immediately applicable on the job
- Small class sizes

## OUR FLEXIBLE OPTIONS

- Take up to four courses before applying to a program
- GREs and GMATs are not required
- Part-time courses are offered on campus in the evening
- All programs are available online except Bioinformatics
- Sequential degrees are available

BRANDEIS UNIVERSITY  
The Rabb School of  
Continuing Studies

Division of Graduate  
Professional Studies

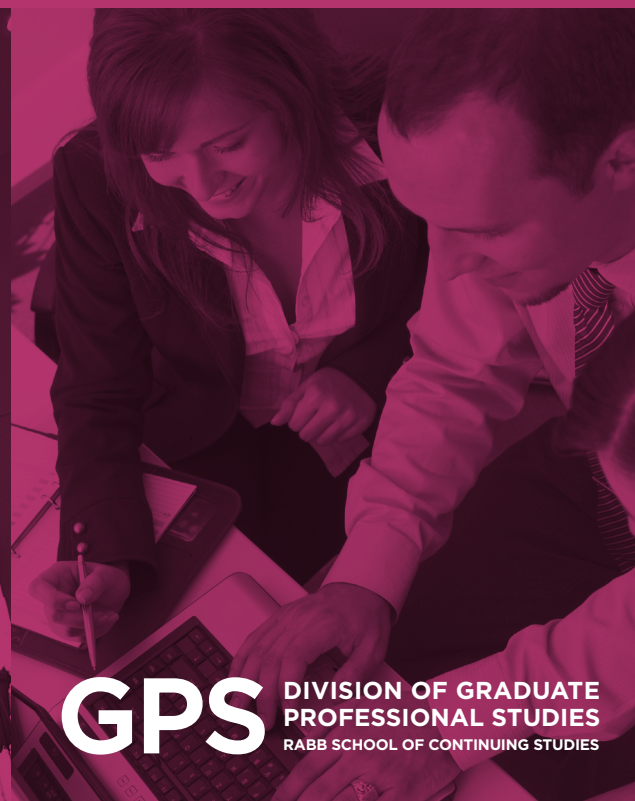
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**MASTER OF SCIENCE IN  
Information Technology  
Management**

**GRADUATE CERTIFICATE IN  
Information Technology  
Management**

BRANDEIS  
UNIVERSITY



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It is the policy of Brandeis University not to discriminate against any person on account of race, color, ancestry, religious creed, gender, national or ethnic origin, sex, sexual orientation, age, genetic information, disability, veteran status, or any other category protected by federal or state law. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Vice President of Human Resources, Stony Brook building, 781-736-4464.

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[www.brandeis.edu/gps](http://www.brandeis.edu/gps)

# INFORMATION TECHNOLOGY MANAGEMENT

Information technology management (ITM) describes the various techniques that are used to collect, manipulate, process, store, retrieve, and communicate information relevant to an endeavor. Those working in the field help determine the strategic and operational capabilities of an organization to maximize productivity and profitability. Jobs in ITM require specific skills and knowledge to select, direct the development of, deploy, and evaluate information systems of high quality.

## PROGRAM OUTCOMES

Graduates of this program are prepared to:

- Develop and lead teams of technical people toward the achievement of established goals, and manage the development of their product
- Identify ways in which technology can be applied to solve both existing and anticipated problems
- Leverage technology to realize strategic management goals and opportunities
- Assure the quality of information as well as its value to those who will ultimately use it for decision-making
- Think, write, and speak cogently and persuasively about ongoing or anticipated work with colleagues, end-users, and corporate leadership, and listen carefully to feedback

## PROGRAM ADVANTAGES

- Combines technological and managerial components
- Prepares students for knowledgeable and contextual leadership in information technology in a global economy
- Covers foundational concepts across multiple facets: information technology, project management, leadership, communication, operational strategy, and organizational strategy

## PROGRAM DELIVERY

The master's degree and graduate certificate are offered both on campus and online.



*"The online discussions are engaging. Instructors effectively encourage students to think outside the box to address key roadblocks." (Dee Dung, Information Technology Management)*

## MASTER'S DEGREE REQUIREMENTS

### REQUIRED COURSES

- Foundations of Project Management
- Leadership, Team-Building, and Decision-Making
- Perspectives on Information Technology
- Professional Communication
- Strategic Information Technology: Operational Strategy
- Strategic Information Technology: Organizational Strategy

### ELECTIVE COURSES *(Choose four)*

Students may choose four electives from any of the programs currently offered by the Division of Graduate Professional Studies. While there are no restrictions on electives, students must meet course prerequisites for any electives they choose.

A sample of electives (Refer to [www.brandeis.edu/gps/programs/courses/courselist](http://www.brandeis.edu/gps/programs/courses/courselist) for a complete listing of courses and prerequisites):

- Business Perspectives for Project Managers
- Foundations of Software Quality Assurance
- Foundations of Virtual Team Management across Cultures and Geographies
- Legal and Ethical Practices in IT
- Management and Leadership of Virtual and Global Teams
- Negotiation and Conflict Resolution
- Risk Management in Projects and Programs

### GRADUATE CERTIFICATE

A credit-bearing graduate certificate in information technology management may be earned as a stand-alone credential. Refer to our Web site at [www.brandeis.edu/gps/programs/courses/programs/itm](http://www.brandeis.edu/gps/programs/courses/programs/itm) for more details.

### ADMISSIONS

Information regarding admission requirements, policies, and procedures may be found at [www.brandeis.edu/gps/apply](http://www.brandeis.edu/gps/apply).

### CURRENT INFORMATION

Our programs and courses evolve along with the industry. Be sure to check our Web site at [www.brandeis.edu/gps/programs/courses](http://www.brandeis.edu/gps/programs/courses) for the most up-to-date listing of courses and requirements.