WHY GPS?

Are you interested in advancing your care in software development by staying current on leading-edge approaches?

Developed by software engineering leaders, this program will equip you to:

- Apply software engineering best practices to design, develop, operate and maintain software systems.
- Build software solutions using different technologies, architects and life-cycle approaches.
- Collaborate and communicate with team members and other stakeholders to achieve project goals.

REQUIRED COURSES:

- Expert Software Development in Java
- Object-Oriented Design
- Software Development Methodologies
- Release Control and Configuration Management
- Software Engineering Studio
- Software Testing Techniques

SAMPLE ELECTIVES (SELECT 4):

- Web Development Technologies
- Mobile Applications and Responsive Web Design
- Agile Software Development
- Software Development in C++
- Cloud Computing
- Design Patterns

Master of Software Engineering

Part-time, fully online graduate programs for motivated professionals.

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“As an online learner at Brandeis GPS, I found the coursework and support resources convenient and accommodating. In fact, I rarely felt as though my studies were an interruption. What I learned was immediately applicable, and I continue every day to benefit from the understanding the courses gave me.”

— Scott Paddock, GPS Student

Brandeis University, Graduate Professional Studies
415 South Street, Mailstop 084, Waltham, MA 02453
Toll Free: (800) 618-4681
Email: gps@brandeis.edu      www.brandeis.edu/gps

2016-2017 Academic Year