WHY GPS?

- A decade in online expertise
- Brandeis standards of excellence
- Convenient, flexible, fully online
- Seminar-style classes
- Average class size of 12
- Faculty from industry
- Professional connections
- One-on-one advising

“What I learned at Brandeis GPS was immediately applicable, and I continue every day to benefit from the understanding the courses gave me.”

— Scott Paddock, GPS Graduate

WHY THIS PROGRAM?

Pursue new domains with the discipline of proven software development approaches.

Developed with industry experts, this STEM-designated program will equip you to:

- Design, develop, operate and maintain software systems.
- Collaborate with stakeholders at every stage of software development.
- Build solutions using different languages, technologies, life-cycle approaches and best practices.

REQUIRED COURSES:

- Expert Software Development in Java
- Object-Oriented Design with UML
- Software Development Methodologies
- Release Control and Continuous Integration/Continuous Delivery (DevOps)
- Software Engineering Studio
- Software Testing Techniques

SAMPLE ELECTIVES (SELECT 4):

- Mobile Applications and Responsive Web Design
- Microservices Architecture and Development
- Agile Software Development
- Advanced JavaScript Programming
- Web Development Technologies
- Python Programming

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