Online Programs in Enterprise Architecture
In today’s challenging and rapidly changing economic and competitive environment, the need for greater efficiency, effectiveness, and agility is crucial for organizations of all types and sizes. Enterprise architecture (EA) professionals are at the forefront of this movement. They strive to align the enterprise information system and technology with business strategy and goals—to enable the most effective use of enterprise information technology that supports and grows an organization and produces measurable business value.

Over the last four years I have developed the Center for Enterprise Architecture at Penn State. Part of the educational mission of the center consists of a new graduate certificate and master’s degree program delivered entirely online. This is unique in terms of topic area and the manner in which it was initially formed. I invite you to learn more about Penn State’s online graduate certificate, master’s degree, and the Center for Enterprise Architecture.

—Brian H. Cameron, Ph.D.
Executive Director, Center for Enterprise Architecture
Program Director, Master of Professional Studies in Enterprise Architecture

Enterprise Architecture Programs

The educational decision you are about to make is also an important career decision. By choosing Penn State’s online master’s degree or graduate certificate in enterprise architecture (EA), you are choosing to be a leader in a professional field that is gaining momentum across the globe. These unique programs were designed with significant input from more than seventy corporations, government bodies, and industry associations.

EA, once considered simply a means of linking IT strategy and execution in an organization, has evolved to become a mechanism for aligning the entire enterprise—the business strategy and goals—with information systems and technology. And EA has grown increasingly important to all types of organizations as they strive to become more efficient, effective, and agile. The Penn State graduate certificate and master’s degree programs in EA were designed to prepare students to thrive as employees in an environment that increasingly stretches across information technology in all areas of a business—giving them the knowledge to help businesses and governments achieve their goals.

www.worldcampus.psu.edu/PSUEA
A Respected, High-Quality Education

In 1892, Penn State founded one of our nation’s first correspondence courses; in 1998, we were one of the first major accredited universities to provide online education. We are committed to ensuring that you have access to a quality academic experience, even when you have job and family obligations to fulfill. Our EA programs have been developed through a partnership between Penn State's College of Information Sciences and Technology and Penn State's World Campus, a pioneer in providing global online access to a real university education.

Your online courses are the same academically challenging courses that are taught on campus. Yet they give you the flexibility and convenience to study wherever you are, at times that suit your own schedule.

Through education, research, and outreach, Penn State continues to respond to the Commonwealth, the nation, and the world’s changing economic and social needs. Our faculty and course designers develop our degrees and certificates specifically for the online adult learner, and you can expect our high-quality courses to fit into your busy schedule, providing immediate value to your career.

Employer Recognized and Accepted

The online graduate certificate and master’s degree in enterprise architecture are designed and taught by full-time Penn State professors whose teaching and research interests combine academic expertise and industry experience. They are leaders in their fields and experts in the subjects they teach, and they are committed to making sure you get a quality academic experience in your online programs.

Why Penn State

Beginning in 1998, the World Campus has grown into one of the nation’s leading providers of online education. Our mission is to deliver Penn State degrees, certificates, and courses in a convenient online format so that you—the adult student—can balance work, family, and your educational pursuits.

Penn State World Campus is the real Penn State. In partnership with colleges across the Penn State system, the World Campus has served students from all fifty states, more than forty countries, and from all seven continents. These students are part of our global learning community, interacting with the faculty and exchanging ideas and expertise with one another as they strive to meet their personal and professional goals.

We invite you to explore our EA websites to learn how you can accomplish your educational goals.

www.worldcampus.psu.edu/PSUEA

Faculty

The courses in the graduate certificate and the master’s degree in enterprise architecture are designed and taught by full-time Penn State professors whose teaching and research interests combine academic expertise and industry experience. They are leaders in their fields and experts in the subjects they teach, and they are committed to making sure you get a quality academic experience in your online programs.

www.worldcampus.psu.edu | 5
Graduate Certificate in Enterprise Architecture

Penn State’s 9-credit graduate certificate in EA is designed to give you a solid foundation of knowledge as you explore how to integrate strategic, business, and technology planning methods and best practices. The certificate was designed for professionals already working in enterprise architecture who want to formalize their current skills, or for individuals who are newly interested in the profession.

In addition to its practical applications, the graduate certificate can be used as a first step in your education or as a stand-alone credential. The credits that you earn in the certificate can be applied to the requirements for the master’s degree in enterprise architecture, if you are accepted into the master’s program.

**Required Courses**

**EA 871**—Enterprise Architecture Foundations (3 credits)

**EA 872**—Enterprise Architecture Foundations II (3 credits)

**Elective Courses (choose one of the following):**

**EA 873**—Enterprise Modeling (3 credits)  
or  
**MANGT 510**—Project Management (3 credits)

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Enterprise Architecture’s Role in Bridging Strategy and Execution  
Source: Gartner
Master of Professional Studies in Enterprise Architecture

The successful EA professional requires a unique combination of skills and perspectives. He or she needs to integrate a variety of planning methods with an ability to understand, analyze, justify, and communicate the solution of enterprise architecture problems. These unique skills and perspectives position the EA professional for a wide variety of leadership roles within the enterprise. Not surprisingly, such people are in high demand in industry, government, and nonprofit organizations. However, the supply of experts with the needed breadth of knowledge in both enterprise technology and business is scarce.

To meet the increased demand for EA-related professionals, Penn State has developed the Master of Professional Studies in Enterprise Architecture (MPS/EA). This program was created with significant input from leading corporations, industry associations, and the government bodies through our Center for Enterprise Architecture. It is designed for people who aspire to roles with enterprise-wide scope and authority, such as that embodied by an enterprise architect.

Curriculum

This 34-credit master’s degree program was designed to prepare you to address high-level organizational competencies required to integrate strategic-, business-, and technology-planning methods as well as the ability to understand, analyze, justify, and communicate the solution of enterprise architecture problems.

The curriculum blends content from enterprise systems and architecture as well as many areas of business. It includes eight required 3-credit courses, one 1-credit required course, two elective 3-credit courses, plus a required 3-credit capstone course whose objective is for students to integrate and apply the knowledge acquired throughout the course work.

The online courses are highly interactive and collaborative, allowing you to build strong ties with other students in the program and to gain perspectives from other disciplines and industries.

Core Courses (28 credits)

- **EA 870**—Scholarship in Enterprise Architecture (1 credit)
- **EA 871**—Enterprise Architecture Foundations I (3 credits)
- **EA 872**—Enterprise Architecture Foundations II (3 credits)
- **EA 873**—Enterprise Modeling (3 credits)
- **EA 874**—Enterprise Information Technology Architecture (3 credits)
- **EA 875**—Enterprise Architecture Leadership (Capstone) (3 credits)
- **MANGT 510**—Project Management (3 credits)
- **MANGT 515**—Cost and Value Management (3 credits)
- **MANGT 531**—Organizations (3 credits)
- **MANGT 540**—Strategy: Corporate, Business, and Project (3 credits)

In addition to the core courses, 6 credits of electives are required, concentrated in four areas, available for you to round out your degree—based on your professional and personal interests:
- supply chain management
- enterprise integration
- information security
- project management
Admissions decisions for the Master of Professional Studies in Enterprise Architecture and the Graduate Certificate in Enterprise Architecture are based on the quality of the applicant’s credentials relative to those of other applicants. The decisions are based on a review of the complete application portfolio.

When applying to the master’s degree or certificate program, you must include the following:

**Degree**
- Online application form and fee
- Official GRE/GMAT test scores will be considered if submitted but are not required.
- Statement of purpose
- Résumé
- Names of three recommenders
- Two official transcripts
- TOEFL score, if applicable

**Certificate**
- Online application form and fee
- Statement of purpose
- Résumé
- One letter of recommendation
- Two official transcripts
- TOEFL score, if applicable

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**Penn State credits and degrees earned online are identical to those earned on campus.**

**Penn State World Campus has enrolled students from all fifty states and all seven continents.**

**Our online courses involve frequent interactions between students and with instructors.**

**Penn State has aligned its online programs, student support services, policies, and procedures to support military personnel, veterans, and military family members.**
For More Information

Contact Us
pennstateonline@psu.edu
www.worldcampus.psu.edu
800-252-3592 (toll free within the United States)
814-865-5403 (local and international)
814-865-3290 Fax

Student Services Hours
(inquiries and registration)
8:00 a.m.–9:30 p.m.  Monday–Thursday
8:00 a.m.–5:00 p.m.  Friday
Closed  Saturday and Sunday

Admissions Counseling Hours
8:00 a.m.–8:00 p.m.  Monday–Thursday
8:00 a.m.–5:00 p.m.  Friday
Closed  Saturday and Sunday

Penn State World Campus
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