

# ENTERPRISE ARCHITECTURE AND BUSINESS TRANSFORMATION

<b>Graduate Program Head</b>	Mary Beth Rosson
<b>Program Code</b>	EABT
<b>Campus(es)</b>	World Campus (M.P.S.)
<b>Degrees Conferred</b>	Master of Professional Studies (M.P.S.)
<b>The Graduate Faculty</b>	View ( <a href="https://secure.gradsch.psu.edu/gpms/?searchType=fac&amp;prog=EABT">https://secure.gradsch.psu.edu/gpms/?searchType=fac&amp;prog=EABT</a> )

The Master of Professional Studies Program in Enterprise Architecture and Business Transformation (MPS/EABT) is a unique program designed for professionals aspiring to advance to roles with enterprise wide scope and authority, such as that embodied by an enterprise architect. The MPS/EABT provides a comprehensive educational experience in the principles and practice of enterprise architecture (EA) and integrates both business and enterprise technical knowledge. The program includes courses in:

- enterprise architecture foundations,
- business architecture,
- information technology architecture,
- enterprise security and risk architecture,
- organizational leadership,
- strategic management, and
- financial management.

## Admission Requirements

Applicants apply for admission to the program via the Graduate School application for admission (<http://gradschool.psu.edu/prospective-students/how-to-apply/>). Requirements listed here are in addition to Graduate Council policies listed under GCAC-300 Admissions Policies (<http://gradschool.psu.edu/graduate-education-policies/>).

Since the program is multidisciplinary in nature, students from many disciplines may be acceptable for entry into the program. The most qualified applicants will be accepted in the program until all available spaces for new students are filled.

Consideration for admission into the program will be granted to individuals who meet one of the following sets of criteria:

- An approved baccalaureate degree with a minimum grade point average of 2.75 or above, (on a 4.0 scale) a minimum of five years of relevant work experience, three letters of reference, and a personal statement of relevant experience and goals.
- An approved baccalaureate degree with a minimum of a 3.00 (on a 4.00 scale) grade point average, a minimum of two years of relevant work experience, three letters of reference, and a 1-3 page personal statement of relevant experience and goals.
- A graduate degree, a minimum of one year of relevant work experience, three letters of reference, and a 1-3 page personal statement of relevant experience and goals.

- An approved baccalaureate degree, successful completion of three courses in the program with a minimum of a 3.50 (on a 4.00 scale) grade point average as a non-degree graduate student, at least two years of relevant work experience, and a 1-3 page personal statement of relevant experience and goals.

The language of instruction at Penn State is English. English proficiency test scores (TOEFL/IELTS) may be required for international applicants. See GCAC-305 Admission Requirements for International Students (<http://gradschool.psu.edu/graduate-education-policies/gcac/gcac-300/gcac-305-admission-requirements-international-students/>) for more information.

## Degree Requirements

### Master of Professional Studies (M.P.S.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-700 Professional Degree Policies (<http://gradschool.psu.edu/graduate-education-policies/>).

The Master of Professional Studies in Enterprise Architecture and Business Transformation (MPS/EABT) program requires a minimum of 33 credits at the 400, 500, or 800 level. At least 18 credits must be at the 500 or 800 level, with at least 6 credits at the 500-level. Up to 10 graduate credits may be transferred in from a regionally accredited institution (subject to restrictions outlined in GCAC-309 Transfer Credit (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-300/gcac-309-transfer-credit/>)). A student will take 27 credits of required courses. The remaining 6 credits are selected from a list of approved elective courses. The courses are delivered online through Penn State World Campus. The program is highly flexible and is designed to meet the different needs of students and organizations. With online delivery, the professional master program can easily fit into the work schedule of professionals from around the globe.

Code	Title	Credits
<b>Required Courses</b>		
EA 871	Enterprise Architecture Foundations I	3
EA 873	Enterprise Modeling	3
EA 874	Enterprise Information Technology Architecture	3
EA 876	Architecting Enterprise Security and Risk Analysis	3
MBADM 816	Managing and Leading People in Organizations	3
MBADM 820	Financial Management	3
MBADM 571	Global Strategic Management	3
BA 809	Strategic Business Architecture	3
<b>Electives</b>		
Elective concentrations are available in Supply Chain, Security Architecture, Business Architecture, and Project Management. A list of courses required for each concentration is maintained by the graduate program office.		6
<b>Culminating Experience</b>		
Each degree candidate must complete a capstone project on a topic related to enterprise architecture and agreed upon between the candidate and faculty member-in-charge while enrolled in EA 594.		3
<b>Total Credits</b>		<b>33</b>

## Minor

A graduate minor is available in any approved graduate major or dual-title program. The default requirements for a graduate minor are stated

in Graduate Council policies listed under GCAC-600 Research Degree Policies (<http://gradschool.psu.edu/graduate-education-policies/>) and GCAC-700 Professional Degree Policies (<http://gradschool.psu.edu/graduate-education-policies/>), depending on the type of degree the student is pursuing:

- GCAC-611 Minor - Research Doctorate (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-600/gcac-611-minor-research-doctorate/>)
- GCAC-641 Minor - Research Master's (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-600/gcac-641-minor-research-masters/>)
- GCAC-709 Minor - Professional Doctorate (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-700/gcac-709-professional-doctoral-minor/>)
- GCAC-741 Minor - Professional Master's (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-700/gcac-741-masters-minor-professional/>)

## Student Aid

World Campus students in graduate degree programs may be eligible for financial aid. Refer to the Tuition and Financial Aid section (<http://www.worldcampus.psu.edu/tuition-and-financial-aid/>) of the World Campus website for more information.

## Courses

Graduate courses carry numbers from 500 to 699 and 800 to 899. Advanced undergraduate courses numbered between 400 and 499 may be used to meet some graduate degree requirements when taken by graduate students. Courses below the 400 level may not. A graduate student may register for or audit these courses in order to make up deficiencies or to fill in gaps in previous education but not to meet requirements for an advanced degree.

Enterprise Architecture (EA) Course List (<https://bulletins.psu.edu/university-course-descriptions/graduate/ea/>)

## Learning outcomes

1. **KNOW** Demonstrate knowledge of effective Enterprise Architecture concepts that align with business strategy.
2. **APPLY/CREATE** Design, develop and apply an effective risk strategy across the enterprise.
3. **COMMUNICATE** Communicate the value of Enterprise Architecture with business and technology stakeholders.
4. **THINK** Graduates will be able to think analytically and critically about the application of concepts and methods in enterprise architecture frameworks.
5. **PROFESSIONAL PRACTICE** Understand the importance of effective modeling and project portfolio management in the Enterprise Architecture process.

## Contact

<b>Campus</b>	World Campus
<b>Graduate Program Head</b>	Mary Beth Rosson
<b>Director of Graduate Studies (DGS) or Professor-in-Charge (PIC)</b>	Edward J Glantz
<b>Program Contact</b>	Christina Marie Fitzgerald College of Information Sciences and Technology E397 Westgate Building University Park PA 16802 cml195@psu.edu (814) 863-9461
<b>Program Website</b>	View ( <a href="https://www.worldcampus.psu.edu/degrees-and-certificates/penn-state-online-enterprise-architecture-business-transformation-masters-degree/overview/">https://www.worldcampus.psu.edu/degrees-and-certificates/penn-state-online-enterprise-architecture-business-transformation-masters-degree/overview/</a> )