ENTERPRISE INFRASTRUCTURE CERTIFICATE

Department website (https://www.uwp.edu/learn/departments/computerscience/)

College: College of Business, Economics, and Computing

The University of Wisconsin Graduate Certificate in Enterprise Infrastructure focuses on the real-world applications and practices that support the day-to-day technical operations of business functions. Deepen your knowledge of the technology side of IT management and learn the state-of-the-art tools and software used to run IT applications on a large scale in contemporary business environments. You'll gain expertise in data science, cloud computing, enterprise applications, risk management and cybersecurity. Prepare to feel more confident leading an IT team. This Certificate helps you build the skills you need to step into roles such as infrastructure manager, solutions architect, information technology operations manager, system engineer, technical manager, information technology supervisor, information technology manager, system administrator and director of information technology.

Program Learning Outcomes

1. Address ethical issues associated with information technology.
2. Create and manage technology policies and procedures that account for regulatory requirements.
3. Implement IT governance goals of leadership.
4. Implement appropriate security controls to safeguard the information resources of the organization.
5. Analyze data to address organizational challenges and create competitive advantages.
6. Recommend appropriate data management technologies.
7. Implement enterprise solutions in support of organizational goals.

Requirements for the Graduate Certificate in Enterprise Infrastructure

Code	Title	Credits
Required Courses		
ITM 715	Data Science	3
ITM 720	Cloud Computing and Enterprise Applications	3
ITM 725	Enterprise Security	3
Total Credits		**9**

University Requirements for Graduate Certificates

Graduate certificates are designed for students at one of the following levels:

- Students who have completed a baccalaureate or higher degree from a regionally accredited institution and are enrolled for graduate credit
- Students who are enrolled simultaneously in a graduate degree program

Students must meet the admission requirements of a degree seeking or non-degree seeking graduate student to be eligible to earn a graduate certificate. At least 75% of the credits must be earned after completion of a baccalaureate or higher degree and students must attain a GPA of 3.00 within the certificate courses.

Certificate programs are designed to develop a particular expertise or set of skills. Graduate certificate programs will require a minimum of 8 graduate-level credits. For graduate certificates, at least 50% of the credits must be at the 700 level. At least 60% of the credits for the graduate certificates must be earned at UW-Parkside for program residency. Individual departments and programs may require more than 60% of the credits to be taken at UW Parkside.

Certificate programs should not be confused with certification or licensure programs which lead to certification by an outside agency.

- Bachelor's degree with a 3.0 or higher undergraduate GPA
- Completed coursework with a "C" or better—or demonstrated sufficient knowledge—in programming (object oriented, modern language), database, and computer networking. Program academic directors have the option to waive a prerequisite based, in part, on student work experience and background. Technical certifications such as Oracle, Microsoft, IBM, AWS, Cisco, or professional experience may be used in lieu of formal coursework to demonstrate proficiency at the discretion of the academic adviser at the student's home campus. If you need to complete prerequisite coursework, please contact an enrollment advisor for details.