Master of Science in Information Technology (MSIT)

Part-time Graduate Degrees for the Experienced IT Professional

Gaining value from technology requires an understanding of how technology interacts with business processes, strategy, and policy. Carnegie Mellon’s Information Systems Management curriculum is unique from other schools because we integrate these disciplines into a coherent area of study. Our degree programs are designed to develop IT leaders who can successfully apply technology in innovative ways to achieve business goals.

We have designed one program, MSIT, specifically for the experienced IT professional. Your high potential IT employees can earn our degree through a flexible, part-time course of study. With our evening and distance class options, your team can remain productive employees while they complete the MSIT program. The curriculum builds strong technical, analytical and quantitative skills, but also focuses on the practical application of those skills from a management perspective. Your organization will realize immediate value when students apply on the job what they learn in the classroom.

Program Options:
- **MSIT - Information Technology Management**
  Emphasizes the integration of strong information technology skills combined with strategic management perspectives. The Heinz College has been the top-ranked specialty graduate school in this domain by U.S. News & World Report since 2005.

- **MSIT - Information Security and Assurance**
  Focuses on the need to adapt to the changing intruder landscape and to gain deeper understanding of risk management, information security, and data privacy. Many of our security courses are taught by the experts at the renowned CERT Coordination Center (CERT®/CC). Carnegie Mellon is also designated as a Center of Academic Excellence in Information Assurance Education.

- **Interdisciplinary or Customized Programs**
  Carnegie Mellon is known for its collaborative, interdisciplinary approach to education. We have two additional program options (one campus, one distance) in the Software Management domain that are collaborations with our School of Computer Science. We can also consult with you on a customized curriculum that would map more strategically to your business goals.

MSIT Program Format:
- We offer a flexible but rigorous curriculum that can be completed in 2-3 years of part-time study through classes available online (anytime, anywhere delivery) or on-campus (one evening per week).
- Requires 144 units of credit (equivalent to 12 semester classes or 36-48 credits), comprised of 60 units of track core and 84 units of electives. This broad choice of electives provides much flexibility to tailor the program to individual student needs and interests, as well as mapping to your organization’s strategic goals.
- Students may enroll three times per year (January, May and August). We are not a cohort model so students can choose the course load each semester that best fits with their work/life commitments. They may take up to 5 years to complete the degree, although most do finish within 2-3 years.
- Transfer credit possible from previously earned graduate coursework (up to 24 units towards MSIT electives).
**Distance Learning Format:**

- Our asynchronous delivery model makes it possible for students to work on their degree anytime, anywhere. Our model does not require students to be online all at the same time in order to participate fully in class.

- Campus lectures are recorded and provided on multimedia DVDs and/or streaming video on-demand. We often provide MP4 audio files as well so they can upload lectures to their mobile devices.

- Frequent interaction with faculty and fellow students is facilitated through the Web using communication features in Blackboard®, threaded discussions, chats, and phone/videoconferencing technology.

- Distance students are invited to attend our annual “SUMMER CAMPus”. This free weekend conference at our Pittsburgh campus is an opportunity for them to meet, learn, network and socialize with fellow students, staff and faculty in person.

**Educational Partnerships**

We understand that a quality workforce is a key component of competitive advantage. We invite corporations, government and non-profit agencies, and industry associations to partner with us to address the educational needs of your organization. Our distance program has been particularly valuable in achieving this. We have over ten years experience in delivering Carnegie Mellon quality programs via distance education, including successful partnerships with corporations to educate their global workforce. Partnerships often include special tuition scholarships to reduce the cost to you and the student. We can also customize curriculum, design executive education workshops to address your specific training needs, or allow non-degree enrollment for your employees who may want to take just a few classes for professional development.

Our current partners include:
- General Motors
- Boeing
- Qualcomm
- Intel
- FBI
- Lockheed Martin
- CIO Institute
- Pittsburgh Technology Council
- SMC Business Council

The Heinz College is also proud of our designation as a Military Friendly School and offers 25% tuition scholarship to U.S. active military upon admission. We participate in the Yellow Ribbon Program for those service members eligible for Post-9/11 GI Bill benefits. You can also find us in the GoArmyEd portal as a “Non-LOI School” to make it more convenient for soldiers to use their Tuition Assistance benefits at Carnegie Mellon.

**To learn more about our programs and partnerships, please contact us or visit us online:**

Heinz College, School of Information Systems and Management
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