

ini Information Networking Institute

Carnegie Mellon

Information Technology -
Information Security Program (Kobe MSIT-IS)
Kobe, Japan

Confident.

Information security. Privacy. Policy insight.

Connected.

Network management. Communication systems. Business acumen.

Going places.

Mobile computing. Wireless technologies. Enterprise leadership.

Carnegie Mellon University in Japan

A top-ranked global program in Kobe

“For the students, it is an extremely challenging curriculum, but they are rewarded with a global expertise matched by few of their peers.”

Nicolas Christin, Associate Director, INI

offers you interdisciplinary coursework from the colleges of computer science, business and public policy. You can join Carnegie Mellon’s innovative research groups and interact with faculty who are leaders in their fields. While in the MSIT-IS program, whether you’re in Japan or the U.S.A., the INI is fully equipped with state-of-the-art distributed education technology equipment to stay connected no matter where you are.

Carnegie Mellon’s Information Networking Institute (INI), in collaboration with the Hyogo Institute of Information Education Foundation, offers a world-class program that blends information security technology with management and policy. As a student enrolled in the Master of Science in Information Technology–Information Security (MSIT-IS), you begin your program of studies in Kobe at Carnegie Mellon CyLab Japan for the first fall semester and then travel to Carnegie Mellon’s main campus in Pittsburgh, Pa, U.S.A for the remainder of the program. Kobe exposes you to concepts of information security and privacy in the local context, while Pittsburgh



Carnegie Mellon is committed to providing an education with a focus on hands-on projects and real-world problem-solving skills so our graduates are ready to take leadership roles upon graduation. It’s no wonder why the INI has consistently earned a **100% post-graduation placement rate** with our graduates gaining employment at companies like Deloitte Consulting and Mitsubishi.

The MSIT-IS is within your reach. Financial aid is available in the form of merit-based full and half scholarships, as well as interest-free loans.

Carnegie Mellon is a global research university of more than 10,000 students, 70,000 alumni and 4,000 faculty and staff. Recognized for its world-class arts, business and technology programs, collaboration across disciplines and innovative leadership in education, Carnegie Mellon is consistently a top-ranked global university.

Twenty years ago, Carnegie Mellon established the INI as the nation’s first research and education center devoted to information networking. Since 2005 when CyLab Japan was established, students have achieved the rare blend of technology expertise, business acumen and policy insight that INI graduates possess through the Kobe MSIT-IS.

MSIT-IS Program offered in Kobe at **CyLab Japan**



Students can customize their studies depending on their background and career aspirations. The program offers a variety of management and technical courses and requires seven core courses in security technology and management, the equivalent of four semester-length elective courses, and one research-related security project, for a total of 144 units.

With the option to choose between a **Management Track** and **Technical Track**, students take a leading role in the career path of their choice. While experience in information technology is a must, the program is not restricted to students with a purely technological background. Students with a management background may apply to enter the program on a Management track.

All coursework is taught in English. Students whose native language/mother tongue is not English must submit TOEFL scores with their application and are encouraged to pursue tutoring in English-as-a-Second-Language (ESL), if needed. ESL resources and tutoring are provided on site at CyLab Japan for students who require extra support.

INI's State-of-the-Art Technology



With the use of distributed education technologies and facilities, the INI readily facilitates courses and collaborations with international partners, such as the Hyogo Institute of Information Education Foundation. The ample facilities support the growth of the INI's global programs that extend to Greece and Portugal, as well as Japan.

Equipped with the latest videoconferencing technology, the INI Distributed Education Centers connect faculty and students in several remote locations all in one classroom. An electronic whiteboard allows annotations to

be streamed in real-time and saved. An online course management system acts as a central interactive repository for all course materials and provides asynchronous discussion forums and virtual chat for synchronous exchange of information.

Carnegie Mellon's World Class Faculty

INI faculty are drawn from four colleges at Carnegie Mellon: the College of Engineering, School of Computer Science, Tepper School of Business, and Heinz School of Public Policy and Management, as well as the Software Engineering Institute (SEI). Our faculty members include well known researchers and educators who are eager to share their expertise with students.

Throughout their time at the INI, students have access to faculty advisors, who provide academic guidance in course selection, area of specialization and research topics. The INI also has a Faculty Committee, with representatives drawn from the four colleges and the SEI, that is responsible for reviewing and approving curriculum changes.

The INI Influence

While some MSIT-IS graduates have advanced to study at the doctoral level at the University of Tokyo and in their home countries, many pursue careers in industry or find advancement within their companies. Graduates of the program have gone on to work for the following industry, government and academic organizations in positions of information security consulting and research:

Employers of Kobe MSIT-IS Graduates:

Carnegie Mellon University	Hyogo Prefectural Government	NTT Corporation
Deloitte Consulting	KCS Corporation	Panasonic
HP Solutions	Maeda Corporation	Sharp Corporation
Hyogo Police	Mitsubishi	

Students make notable achievements, even prior to graduation. One student's research project related to e-voting practices attracted national media attention in Japan. A team of students won an award for most outstanding information security incident handling at the Shirahama Computer Crime Symposium in May 2006, just nine months after their orientation into the MSIT-IS program.

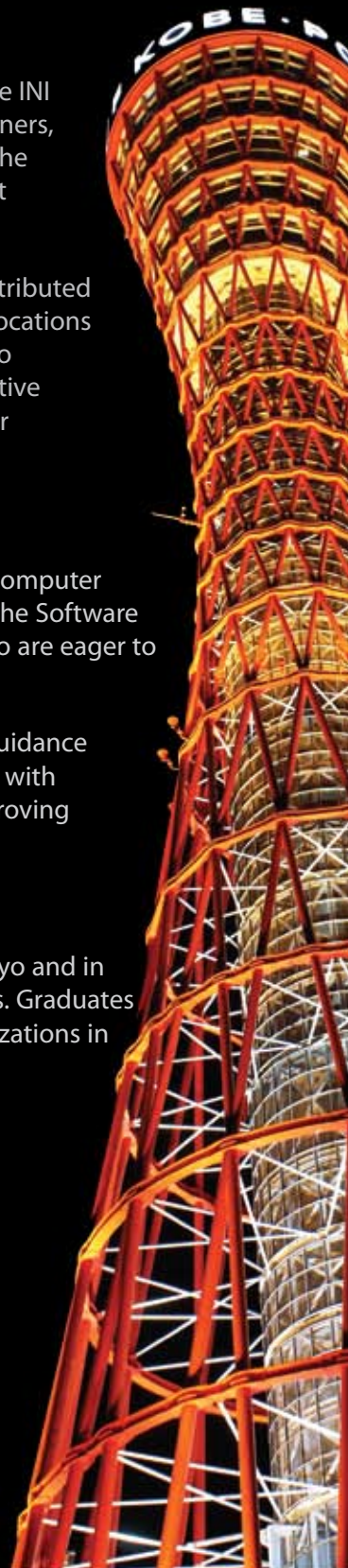
You, too, can stand out in a world that grows more complex and interconnected by the day.

"Carnegie Mellon is a top school for information networking and information security, not least of all due to the quality of the professors who are constantly aiming to be on top of their work."

Soon Hin Khor, MS Class 2007

The first step in getting to the places you want to go.
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"...the two years I've had at the INI have probably been the best two years of my life...the relationships I've made here and the friendships I've made I will cherish for a lifetime." Ankini Shaw (MS Class of 2007)

Confident. Connected. Going Places.

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Carnegie Mellon

Carnegie Mellon University does not discriminate and Carnegie Mellon University is required not to discriminate in admission, employment, or administration of its programs or activities on the basis of race, color, national origin, sex or handicap in violation of Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973 or other federal, state, or local laws or executive orders.

In addition, Carnegie Mellon University does not discriminate in admission, employment or administration of its programs on the basis of religion, creed, ancestry, belief, age, veteran status, sexual orientation or gender identity. Carnegie Mellon does not discriminate in violation of federal, state, or local laws or executive orders. However, in the judgment of the Carnegie Mellon Human Relations Commission, the Presidential Executive Order directing the Department of Defense to follow a policy of, "Don't ask, don't tell, don't pursue," excludes openly gay, lesbian and bisexual students from receiving ROTC scholarships or serving in the military. Nevertheless, all ROTC classes at Carnegie Mellon University are available to all students.

Inquiries concerning application of these statements should be directed to the Provost, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213, telephone 412-268-6684 or the Vice President for Enrollment, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213, telephone 412-268-2056.

Carnegie Mellon University publishes an annual campus security report describing the university's security, alcohol and drug, and sexual assault policies and containing statistics about the number and type of crimes committed on the campus during the preceding three years. You can obtain a copy by contacting the Carnegie Mellon Police Department at 412-268-2323. Obtain general information about Carnegie Mellon University by calling 412-268-2000.