Admission Advantage
The research performance of the CSIE department is remarkable. We are ranked 263rd worldwide in the area of Computer Science, and became the best department of NDHU by entering the top 300 global ranking. All International Students are guaranteed for on-campus dormitory.

Department Features
1. Excellent and vigorous faculty: We have 22 full-time faculty members, all with Ph.D. degrees; 15 among them were awarded national or international honors.
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6. Promising future career: The performance of our graduates is widely acknowledged and commendable.
7. Poetic and picturesque campus: National Dong Hwa University is famous for its natural beauty. Studying here is definitely an unforgettable experience.
8. Family-like study environment: Our teachers and students get along like a big family, closely interacting with and taking care of each other.
9. First and most comprehensive CSIE department in eastern Taiwan: The department was established in 1995. It now offers comprehensive programs for B.S., M.S., and Ph.D. degrees, and is a very important cradle of IT talents of eastern Taiwan. Since Spring of 2011, we started the International B.S., M.S., & Ph.D. programs, recruiting international elite students, and gaining a deeper connection with the world.

Achievements and Awards of the Professors in recent Five Years:
2005 Silver Prize, Chess Championship of the 10th Computer Olympiad
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2006 Performance Award, IBT WeWin Entrepreneurship Contest
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2008 Bronze Prize, World Computer Go Congress
2008 5th Prize, Connect6 - 9th Prize, Go(9x9) of the 13th Computer Olympiad
2009 5th Prize, Connect6 - 5th Prize, Go(9x9) of the 14th Computer Olympiad
2009 Bronze Prize: 3rd GPW 9x9 Cup
2009 Silver Prize, CHT Value Added Application Software Contest
2010 4 Gold Prize and 2 Silver Prize, the 15th Computer Olympiad
2012 TAIJ 2012 Excellent Paper
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1. Network Innovation Technology Laboratory
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4. Pervasive Computing and Data Management Laboratory
5. Software Engineering Laboratory
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7. Cryptography and Information Security Laboratory
8. Graphs and Bioinformatics Algorithm Laboratory
9. Compiler Technology and Application Laboratory
10. Multimedia Interaction Technology Laboratory
11. Computer Vision and Virtual Reality Laboratory
12. Mobile Computing and Knowledge Engineering Laboratory
13. Artificial Intelligence Laboratory
15. Wireless Internet Service Engineering Laboratory
16. Decision Support Systems Laboratory
17. Interconnection Network and Fault Tolerant Computing Laboratory
18. Advanced Networking Technology Laboratory
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18. Advanced Networking Technology Laboratory
19. Distributed Computing Laboratory
20. Intelligent Systems Laboratory
21. Internet Computing and Application Laboratory
22. Learning Technology Laboratory
The Department of Computer Science and Information Engineering (CSIE) was established and began to accept its first students in 1995. We now offers comprehensive programs for B.S., M.S., and Ph.D. degrees, and is a very important cradle of IT talents of eastern Taiwan. Since Spring of 2011, we started the International B.S., M.S., & Ph.D programs, recruiting international elite students, and gaining a deeper connection with the world. There are 22 full-time professors, all with Ph.D degrees. 271 (12 international) undergraduates, 215 (8 international) masters, 42 part-time executive masters, and 30 Ph.D. degree students as year 2013. The research performance of CSIE is remarkable. All International Students are guaranteed for on-campus dormitory.

Faculty & Research Lab

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Education Background</th>
<th>Research Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shin-Feng Lin</td>
<td>Professor and Dean of</td>
<td>Dept. of Electrical Engineering, Mississippi State University, U.S.A.</td>
<td>Signal/Image Processing, Image/Video Compression, Information Security</td>
</tr>
<tr>
<td>Shiow-Yang Wu</td>
<td>Professor and Chairman</td>
<td>Dept. of Computer Science, University of Texas at Austin, U.S.A.</td>
<td>Database and Knowledge Bases, Mobile and Cloud Computing, Distributed Processing, Personalized Service, RFID Data Management</td>
</tr>
<tr>
<td>Ruay-Shiung Chang</td>
<td>Professor and Director</td>
<td>Institute of Decision and Computer Science, National Tsing Hua University, Taiwan</td>
<td>Internet, Wireless Networks, Cloud Computing</td>
</tr>
<tr>
<td>Chenn-Jung Huang</td>
<td>Professor and Director</td>
<td>Dept. of Electrical Engineering, National Sun Yat-Sen University, Taiwan</td>
<td>Machine Learning, Wireless Network, Embedded System, Electronic Learning</td>
</tr>
<tr>
<td>Shih-Chien Chou</td>
<td>Professor</td>
<td>Dept. of Computer Science and Information Engineering, National Chiao Tung University, Taiwan</td>
<td>Software Engineering, Systems Analysis and Design, Software Development, Object-Oriented Software</td>
</tr>
<tr>
<td>Ching-Nung Yang</td>
<td>Professor</td>
<td>Dept. of Electrical Engineering, National Chong Kung University, Taiwan</td>
<td>Cryptography, Information and Network Security, Coding Theory</td>
</tr>
<tr>
<td>Chang-Hsiung Tsai</td>
<td>Professor</td>
<td>Dept. of Computer Science Information, National Chiao Tung University, Taiwan</td>
<td>Fault-Tolerant Computing, Peer-to-Peer Computing, Interconnection Networks, Embedded Systems</td>
</tr>
<tr>
<td>Wen-Kai Tai</td>
<td>Professor</td>
<td>Dept. of Computer Science Information, National Chiao Tung University, Taiwan</td>
<td>Computer Graphics, HTML 5, Computer Game Design and Development Technology</td>
</tr>
<tr>
<td>Cheng-Chin Chiang</td>
<td>Professor</td>
<td>Dept. of Computer Science and Information Engineering, National Chiao Tung University, Taiwan</td>
<td>Neural Network, Image Processing, Pattern Recognition, Intelligent Human-Machine Interface</td>
</tr>
<tr>
<td>Shi-Jim Yen</td>
<td>Professor</td>
<td>Dept. of Computer Science and Information Engineering, National Taiwan University, Taiwan</td>
<td>Artificial Intelligence, Computer Games, Machine Learning</td>
</tr>
<tr>
<td>Hsin-Chou Chi</td>
<td>Asso. Professor</td>
<td>Dept. of Computer Science, University of California, Los Angeles, U.S.A.</td>
<td>Computer Architecture, Parallel Processing, VLSI Design, Embedded Systems</td>
</tr>
<tr>
<td>Guan-Ling Lee</td>
<td>Asso. Professor</td>
<td>Dept. of Computer Science, National Tsing Hua University, Taiwan</td>
<td>Mobile Computing, Database, Data Mining</td>
</tr>
<tr>
<td>Sheng-Lung Peng</td>
<td>Asso. Professor</td>
<td>Dept. of Computer Science, National Tsing Hua University, Taiwan</td>
<td>Computer Algorithm, Graph Theory, Bioinformatics</td>
</tr>
<tr>
<td>Shou-Chih Lo</td>
<td>Asso. Professor</td>
<td>Dept. of Computer Science, National Tsing Hua University, Taiwan</td>
<td>Mobile Computing, Wireless Network, Information Services</td>
</tr>
<tr>
<td>Han-Ying Kao</td>
<td>Asso. Professor</td>
<td>Dept. of Information Management, National Chiao Tung University, Taiwan</td>
<td>Optimization Methods and Applications, Soft Computing, Intelligent Decisions</td>
</tr>
<tr>
<td>I-Cheng Chang</td>
<td>Asso. Professor</td>
<td>Dept. of Electrical Engineering, National Tsing Hua University, Taiwan</td>
<td>Image Processing, Computer Vision, Computer Graphics</td>
</tr>
<tr>
<td>Pao-Lien Lai</td>
<td>Asso. Professor</td>
<td>Dept. of Computer Information Science, National Chiao Tung University, Taiwan</td>
<td>Interconnection Networks, Error-Diagnosis, Graph Theory, Fault-Tolerant Computing</td>
</tr>
<tr>
<td>Min-Xiou Chen</td>
<td>Asso. Professor</td>
<td>Dept. of Computer Science and Information Engineering, National Chung Cheng University, Taiwan</td>
<td>Computer Network, Wireless Network, Cloud Network</td>
</tr>
<tr>
<td>Chung Yung</td>
<td>Assis. Professor</td>
<td>Dept. of Computer Science, New York University, U.S.A.</td>
<td>Cloud Computing, Web Technology, Mobile Software, Compilers</td>
</tr>
<tr>
<td>Tao-Ku Chang</td>
<td>Assis. Professor</td>
<td>Institute of Information and Computer Education, National Taiwan Normal University, Taiwan</td>
<td>Information Security, Internet Services, Workflow, Software Engineering</td>
</tr>
<tr>
<td>Chih-Hung Lai</td>
<td>Assis. Professor</td>
<td>Dept. of Computer Science and Information Engineering, National Central University, Taiwan</td>
<td>Digital Learning, Learning Technology, Mobile Learning</td>
</tr>
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Program

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<th>Degree</th>
<th>Minimum</th>
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