Admission Advantage

NDHU ranks **801~1000th** worldwise in Time's Higher Education World University Rankings®, **10th** in University Ranking by Academic Performance in Taiwan.

Dept of CSIE ranks **301~400th** (Taiwan 5th) worldwise in Computer Science field in 2021 World Ranking of Academic Performance. Our research opportunities and performances are outstanding and remarkable. The supportive faculty and excellent learning environment will definitely promote and advance your career.
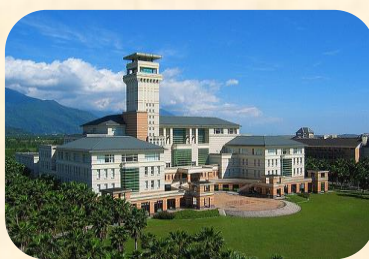
Department Features

1. **Excellent and vigorous faculty**: We have 20 full-time faculty members, **all with Ph.D. degrees**; 15 among them were awarded national or international honors.
2. **Outstanding research performance**: Our academic performance is widely acknowledged. On average, each of our professors has at least one National Science Council-sponsored project per year. Our research fund and research achievements have been listed among the best ranking universities in Taiwan.
3. **Advanced and up-to-date research equipment**: In the department building, we have AR/VR, Apple Mac, PCs computer classrooms, and 20 spacious laboratories operated with 24 hours high-speed networks and frequently updated instruments and equipment.
4. **Comprehensive and distinct research fields**: Our research projects have covered all important fields and distinct research topics, such as AI, AR/VR, IoT…etc.
5. **Flexible and solid program design**: We offer students a great range of interesting programs, including all CSIE related academic fields. Practical training for advanced study and employment is available. The flexible program-based graduation system allows students to enroll in courses across disciplines.
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 in 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 2011, the English-Taught **International B.S., M.S., & Ph.D programs** has been recruiting international elite students, and gaining a deeper connection with the world.

Achievements and Awards of the professors and students in recent years:

2022 (~2010) participated in TAAI, TCGI, Computer Olympiad…etc computer games and won 40 Gold 18 Silver 16 Bronze prize medals

2022 Prof. James C.N. Yang & Prof. Chenn-Juag Huang were named in the World's Top 2% most-cited Scientists List honor.

2021 CSIE Outstanding Academic Performance ranked as **301~400th** worldwide

2021 Excellence Work Award in MOEA's AIGO Competition

2021 CSIE Alumni were selected to join in 2021 National Innovator Awarded Project

2020 HTC Co. and Dept CSIE engaged the join Virtual Reality Development

2020 Provision Co. and Dept CSIE launched the join FinTech Program

2020 Prof Shi-Jim Yen awarded with NDHU Distinguished Professor Honor.

2019 AR/VR App received high praise in 2019 Taiwan Lantern Festival.

2018, 2017, 2015 Prof. Chung Yung received the Best Presentation Award ICCEE / ICIT (Japan and Singapore)

2018 CSIE students participated in Japan Sakura Science Program

2018 The Information Security Lab received the Best Paper Award in TANET Symposium

2017 Silver Prize in Smart Terminal and Human-Computer Interaction Software Creation Competition

2016 Prof James C.N. Yang awarded with IET Fellow Honor

2016 Prof David S.F. Lin awarded with IET Fellow Honor

2014 Chinese Chess Artificial Intelligent Software successfully challenged human brain for the world record

NDHU campus view

NDHU library

Dormitory interior

College of Science & Engineering

NDHU Canoeing Class

Indoor-Outdoor swimming

NDHU Windsurfing Class

Research Laboratories

1. Artificial Intelligence Lab
2. Cloud Computing & Big-Data Processing Server
3. Computer Vision and Virtual Reality Lab
4. Computer Systems Lab
5. Compiler Technology and Application Lab
6. Cryptography and Information Security Lab
7. Digital Image and Vision Computing Lab
8. Decision Support Systems Lab
9. Distributed Computing Lab
10. Intelligent Systems Lab
11. Internet Computing and Application Laby
12. Image and Video Processing Lab
13. Interconnection Network and Fault Tolerant Computing Lab
14. Learning Technology Lab
15. Mobile Computing and Knowledge Engineering
16. Multimedia Interaction Technology Lab
17. Network Technology Lab
18. Pervasive Computing and Data Management Lab
19. Software Engineering Lab
20. Wireless Internet Service Engineering Lab

Computer classroom

Small group meeting

Research discussion

CSIE Professors in charity marathon

Artificial Intelligence won over Human

CSIE's Program won gold medal

CSIE's Academic Excellent Awardees

CSIE Departmental badminton team

CSIE Foreign students in culture exchange