

Technology Alignment in Higher Education

ICT and International University Rankings Workshop
Universidad Nacional Autonoma De Mexico

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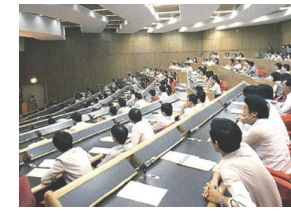
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www.nus.edu.sg

Facts and Figures (1/2)

1. Founded in 1905, Government-funded
2. 14 faculties and schools
3. 3 Research Centres of Excellence and 22 university-level research centres and institutes
4. 25,391 undergraduates and 8,040 graduate students from 100 countries
5. 2,207 faculty members and 2,098 research staff
6. 4,139 executive, professional and general staff



Facts and Figures (2/2)

1. 51 Bachelor's degree programmes
2. 156 Master's and Doctoral degree, and Graduate Diploma programmes
3. 66 Double Degree, 29 Joint Degree, 13 Concurrent Degree and 29 Double Major programmes
4. Broad-based curriculum focusing on multi-disciplinary, global education
5. 7 halls of residence on campus for 6,000 students
6. 3 campuses with 1 under construction (University Town)



Multi-Agency Approach For IT

IT Services and Support

Centre for Development of
Teaching & Learning

Pedagogy & Training

NUS Libraries

Digital Resources

Support
for Faculty,
Staff and
Students

Faculty IT Units

Faculty's IT Facilities & Services

Centre for Instructional
Technology (CIT)

IT for Teaching & Learning

Computer Centre

Core ICT Infrastructure, Applications
and Services



NUS Ranked Among World's Most Reputable Universities

“... We are today a leading global university centred in Asia, and will continue to develop high quality education and research programmes that will contribute to Singapore, to Asia and to the world.”

said [NUS President, Professor Tan Chorh Chuan](#), in responding to the World Reputation Rankings published by the Times Higher Education, March 2011

Global Challenges

1. Globalization - education as a global business
2. Rising cost of higher education
3. Increasing competition for talents and students
4. Greater level of collaborations across borders

NUS's Challenges

1. Branding, global standards and benchmarking
2. Efficiency, productivity and values creation
3. Teaching & research excellence
4. Global presence, anytime anywhere access

Global Challenges

5. Increasing focus on corporate governance & relationship management
6. Growing investment & interest in non-conventional education
7. IT-native for the upcoming generation

NUS's Challenges

5. Knowledge, information & customer relationship management
6. Synchronous and asynchronous learning
7. Automation, alternative means for services

Teaching & Learning (Learning Anytime Anywhere)

- Learning Space & Classroom Technologies
- Course Content Development
- Webcasting
- Grade Book, Work Bin, Class List

Research (Speed and Capability)

- Next-Generation Data Centre
- Advanced Networking
- High-Performance Storage
- Grid and Parallel Computing
- Visualization

Organization Mgmt (Efficiency & Intelligence)

- Business Analytics
- Management Dash Board
- Budget, Fund and Manpower Mgmt.
- Research Publications
- Relationship Management

Thank You