At present, internationalization of communication has become a more urgent and important issue affecting the high education, especially for the graduate education. A wide range of international cooperation and exchanges is an efficient channel through which the graduate students can quickly obtain access to world academic frontiers, improve their academic quality as well as strengthen their cross-cultural communication skills. The academic exchange of graduate students is one of the key issues of internationalization and globalization of higher education.

Nanjing University takes an active role in internationalization. It has established academic exchange relations with over 200 institutions in the world. During the process of building up a world class university, Nanjing University has set its vision to become comprehensive, research-intensive and internationalized. The graduate student exchange program is one part of the international and opening developing strategies in Nanjing University. In this presentation, a brief introduction of graduate program will be elaborated, followed by a series of measures to promote internationalization.

Key words: graduate program, internationalization
The Internationalization of Graduate Programs in Nanjing University

Bian Qing
Graduate School
Nanjing University, Nanjing 210093, P.R. China

The Graduate Programs of NJU

- Graduate Program of NJU
- International Exchange in NJU
- Graduate Programs
- Conclusions
NJU Graduate Programs

History
1984 listed as one of the first experimental graduate schools with the permission of the State Council.

1954 enrolled graduate students in several faculties.

Graduate School was established with the approval of the State Council.

1995 evaluated by the State Council, NJU performed as top 3 among 33 experimental graduate schools.

The Internationalization of Graduate Programs in Nanjing University

Facts

Ph.D. Programs 147

Master's Programs 213

Professional Master's Programs 9

National Key Disciplines

Mathematics

Physics

Chemistry

Astronomy

Biology

Computer Science & Technology

Chinese Literature

Nanjing University (1902-2009)

NJU Graduate Programs

Nanjing University (1902-2009)
The Internationalization of Graduate Programs in Nanjing University

- Double Degrees
- Joint Research Programs
- Degree Programs
- Short term Programs
- International Conferences
- International Student Programs
- Exchange Programs
- Summer School

Create platforms for international academic exchange in various fields and at various levels.

Number of International Graduate Students

<table>
<thead>
<tr>
<th>Year</th>
<th>Master’s candidates</th>
<th>PhD candidates</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td></td>
<td></td>
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<tr>
<td>2006</td>
<td></td>
<td></td>
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<tr>
<td>2007</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Exchange Universities

<table>
<thead>
<tr>
<th>Area</th>
<th>Number of Exchange Universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>America</td>
<td>60</td>
</tr>
<tr>
<td>Europe</td>
<td>51</td>
</tr>
<tr>
<td>Oceania</td>
<td>12</td>
</tr>
<tr>
<td>Asia</td>
<td>56</td>
</tr>
<tr>
<td>Africa</td>
<td>3</td>
</tr>
</tbody>
</table>
The exchange and cooperative agreements are focusing on graduate exchange programs especially in Ph.D. programs.

In 2008, the agreements signed with 15 universities are concerned double degrees and joint research programs.

Case 1: The agreement with the University of Western Australia

1) Entrance criteria for the joint Ph.D. Program
   a) IELTS 6.5 and above;
   b) Pass NJU’s Ph.D. entrance exam.

2) Duration of study – Up to 4 years base on:
   a) First year at NJU in preparation for course work / research studies at UWA;
   b) Thereafter, up to 3 years of Ph.D. research studies at UWA.

3) Supervisors – A supervisor each from NJU and UWA is required unless a supervisor has a appointment at both universities, in which case a single supervisor is sufficient.

4) Thesis submission:
   a) Thesis will be submitted in English with Chinese abstract;
   b) At least two papers should be published in international peer reviewed journals.

5) Thesis examination:
   a) Students are required to give an oral defence in Chinese at NJU;
   b) The same thesis will be examined by three international experts in the field in accordance with UWA’s policies.
The Internationalization of Graduate Programs in Nanjing University

Types of Exchange in NJU Graduate Programs

- Course Exchange & Summer School
- International Conference
- Degree
- Research

Establish in-depth scientific and research cooperation between Chinese and international supervisors.
The Internationalization of Graduate Programs in Nanjing University

**“985 Project”** Science and Technology Innovation Platform

<table>
<thead>
<tr>
<th>Material Science</th>
<th>Acoustics and Audio Information Processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Earth Layers and Environment</td>
<td>Theoretical and Scientific Computation</td>
</tr>
<tr>
<td>Molecule Metabdization</td>
<td>Stealth Technology</td>
</tr>
<tr>
<td>New Technology of Pervasive Computing Software</td>
<td>Urbanization and Urban Science</td>
</tr>
<tr>
<td>High-energy Astrophysics and Space Astronomy</td>
<td></td>
</tr>
</tbody>
</table>

Internationalization has been an important strategy in these areas.
- Research Cooperation
- Faculty Exchange
- International Conference
Case 2: 17 international conferences were held in NJU in 2008

- Sixth International Symposium on Multinational Business
- Management: Enterprise Management in a Transition Economy
- The 2 IEEE Theoretical Aspects of Software Engineering Conference
- Third International Workshop on Tropical Cyclones
- 2008 Nanjing Gamma Ray Bursts Workshop
- International Conference on Gender and Chinese Cinema
- WUN-SPIN08
- Forum On Cross-cultural Dialogue
- Risk, Crisis and Public Management
- The Seventh International Conference on Environment (Tidalities 2008)
- 2008 International Conference on Chinese Society and China Studies
- International Workshop on Environmental Health & Pollution Control in 2008
- 2nd International Symposium on Microfluidics & 8th Chinese Conference on Micro Total Analysis System
- Colloque International : Simone de Beauvoir a l'heure actuelle
- The 11 IEEE High Assurance Systems Engineering Symposium

Case 3: In 2008, 42 scholars and experts gave lectures at the School of Chemistry and Chemical Engineering, and two of them are Nobel Prize Winners.

Case 4: In 2007, Virtual Spaces Laboratory was set up by University of Sydney and NJU.

- Provide financial support for the graduate exchange programs.
International Exchange Financial Award in NJU Graduate Programs

“211 Project”

CSC

Other Foundations

Number of Exchange Graduate Students

<table>
<thead>
<tr>
<th>Year</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>64</td>
</tr>
<tr>
<td>2005</td>
<td>109</td>
</tr>
<tr>
<td>2006</td>
<td>146</td>
</tr>
<tr>
<td>2007</td>
<td>273</td>
</tr>
<tr>
<td>2008</td>
<td>308</td>
</tr>
</tbody>
</table>

Conference Course Degree Cooperation
A wide range of international cooperation and exchanges is an efficient channel through which the graduate students can quickly obtain access to world academic frontiers, improve their academic quality as well as strengthen their cross-cultural communication skills.
Thank You