


# **Graduate Program Internationalization in Nanjing University**

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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



  
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**The Internationalization of  
 Graduate Programs in Nanjing University**  
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 Nanjing University**

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

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**The Graduate Programs of NJU**

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## NJU Graduate Programs

- History

1954 enrolled graduate students in several faculties

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

1995 evaluated by the State Council, NJU performed as top 3 among 33 experimental graduate schools. Graduate School was established with the approval of the State Council.

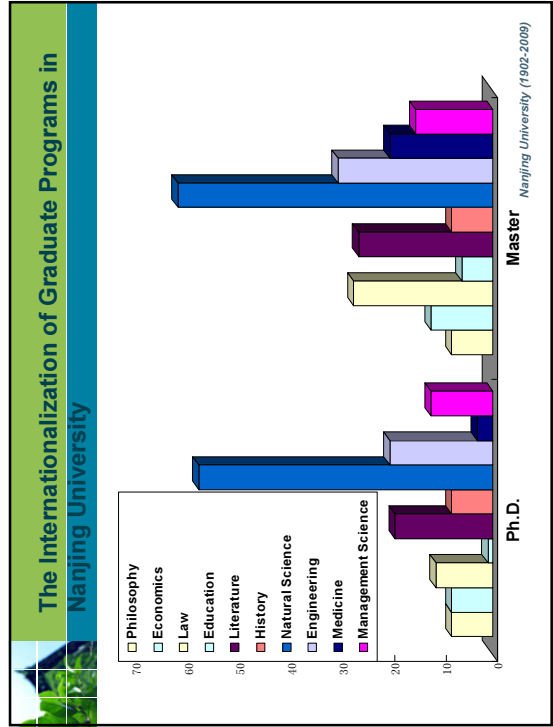
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## NJU Graduate Programs

- Facts
- Ph.D. Programs 147
- Master's Programs 213
- Professional Master's Programs 9

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## NJU Graduate Programs

- Facts
- National Key Disciplines
- Mathematics
- Physics
- Chemistry
- Astronomy
- Geology
- Biology
- Computer Science & Technology
- Chinese Literature

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**NJU Graduate Programs**

•Facts

➤ **National Key Disciplines**

- Sociology
- Philosophy of Marxism
- Political Economy
- Materials Physics & Chemistry
- Meteorology
- Microelectronics & Solid State Electronics
- Physical Geography
- Environmental Sciences
- English Language & Literature
- Information Science
- Corporate Management
- World History
- Surgery

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**NJU Graduate Programs**

•Facts

- Confer 4688 Ph.D.
- 20300 Master's Degree
- Enrolled Graduate Students 11316
- Supervisors for Ph.D. 663
- for Master 930

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**Number of Full-time Graduate Students on Campus**

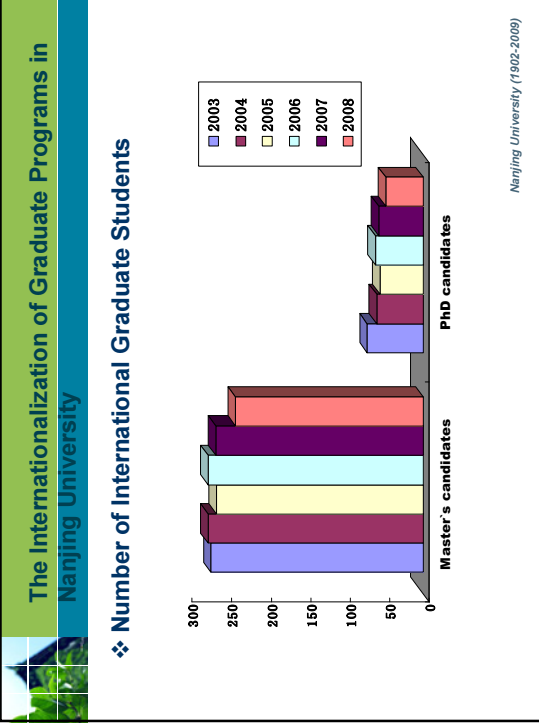
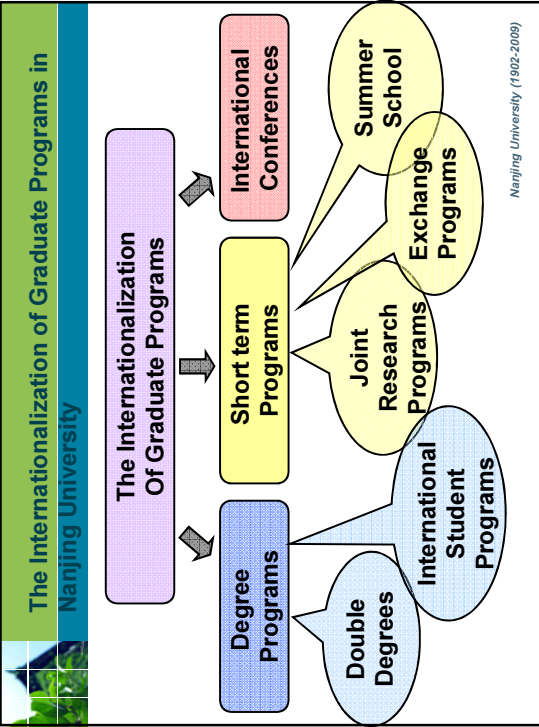
Year	Number of Full-time Graduate Students
1999	~3500
2000	~4500
2001	~5500
2002	~6500
2003	~7500
2004	~8500
2005	~9500
2006	~10500
2007	~11500

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**International Exchange in NJU Graduate Programs**

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### The Internationalization of Graduate Program in Nanjing University

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

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Exchange Universities

Area	Number of Exchange Universities
America	60
Europe	51
Oceania	12
Asia	56
Africa	3

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- ❖ 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.

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**Case1: 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 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.

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**Exchange Platforms in NJU Graduate Programs**

- CSC 5000 Ph.D. Project
- CSC Graduate programs
- NJU Exchange Programs
- Research Cooperation Programs
- “985” Platform Exchange Programs
- International Conference Programs

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### Types of Exchange in NJU Graduate Programs

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Course Exchange & Summer School

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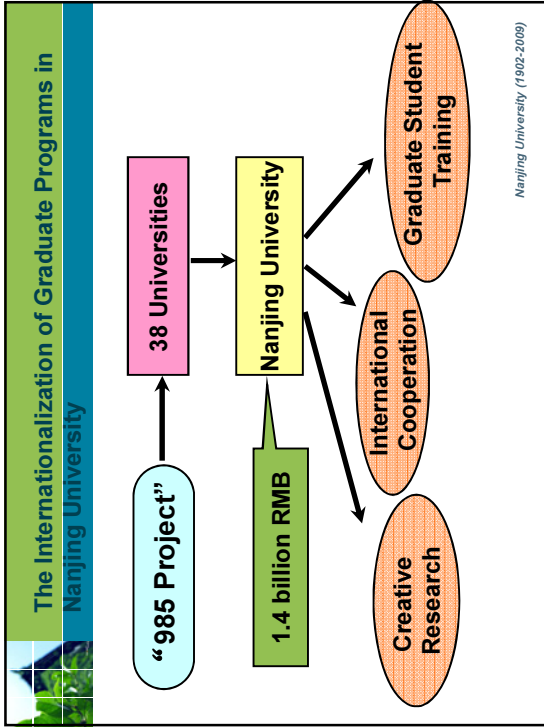
International Conference

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Establish in-depth scientific and research cooperation between Chinese and international supervisors.

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“985 Project” Science and Technology Innovation Platform

Material Science	Acoustics and Audio Information Processing
The Earth Layers and Environment	Theoretical and Scientific Computation
Molecule Metabidization	Stealth Technology
New Technology of Pervasive Computing Software	Urbanization and Urban Science
High-energy Astrophysics and Space Astronomy	

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“985 Project” Philosophy and Sciences Innovation Bases

Chinese Language and Literature and National Recognition
Economic Transformation and Development
The Study of Contemporary Capitalism
Religious and Culture
Economic Globalization and International Relations
Evaluation of Chinese Humanities and Social Sciences

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- The Internationalization of Graduate Programs in Nanjing University
- Internationalization has been an important strategy in these areas.
- Research Cooperation
  - Faculty Exchange
  - International Conference
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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 WJUN-SPIN08
- ❖ Forum On Cross-cultural Dialogue Risk, Crisis and Public Management
- ❖ The Seventh International Conference on Environment (Tidalities 2008)
- ❖ International Symposium on Organic Synthesis and Drug Development, 2008
- ❖ 2008 International Conference on Chinese Society and China Studies
- ❖ International Workshop on Environmental Health & Pollution Control in 2008
- ❖ 2nd International Symposium on Microfluidics & 5th Chinese Conference on Micro Total Analysis System
- ❖ Colloquie International : Simone de Beauvoir a 1'heure actuelle
- ❖ The 11 IEEE High Assurance Systems Engineering Symposium

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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.

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

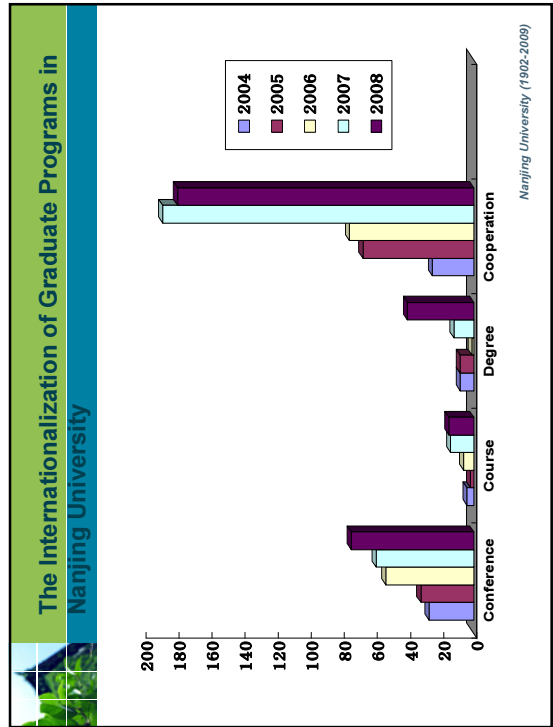
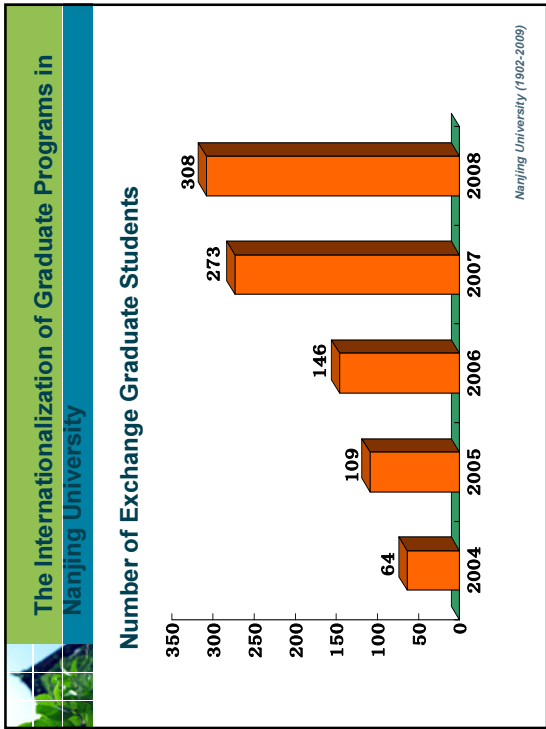
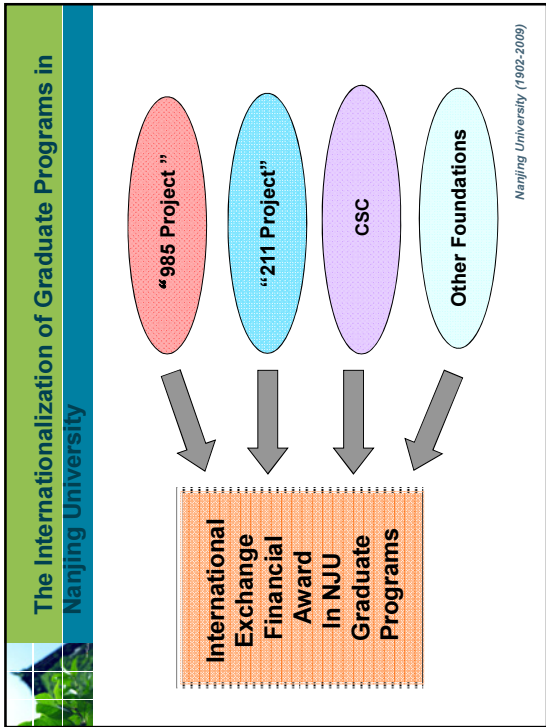


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Provide financial support for the graduate exchange programs.

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## Conclusions

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**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.**

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