

# Freie Universitaet Berlin - China Scholarship Council Joint Program

## 柏林自由大学－中国国家留学基金委 公派留学合作项目

Doctoral Studies at Freie Universitaet Berlin

- a Leading German Research University

在德国最优秀的研究型大学－柏林自由大学攻读博士学位



## COOPERATION WITH THE CHINA SCHOLARSHIP COUNCIL

Freie Universitaet Berlin and the China Scholarship Council (CSC) are cooperating since 2008 for the purpose of providing high quality research training to doctoral students from major Chinese universities. With about 50 CSC scholarship holders both in 2010 and 2011 Freie Universitaet Berlin is the most important host university in Germany and also is among the major partner universities of the CSC worldwide. The program includes all fields of studies at Freie Universitaet Berlin.

Each year Freie Universitaet is offering an extensive number of open positions in a variety of research areas for CSC candidates.

## BENEFITS FOR CSC SCHOLARSHIP HOLDERS

Besides of having the chance to perform their doctoral studies at a top German research university, CSC scholarship holders can benefit from a number of additional benefits offered by Freie Universitaet:

- Support to identify a potential supervisor at Freie Universitaet;
- Support of the visa application process;
- Support with arranging accommodation in Berlin;
- Support of registration as a doctoral student at Freie Universitaet Berlin;
- Two-day pre-departure training in Beijing including Q+A sessions with Alumni of Freie Universitaet and a CSC representative;
- Orientation weeks at Freie Universitaet Berlin in September;
- Three-week German crash course at Freie Universitaet Berlin offered in September;
- Access to free German and English language courses throughout the entire research stay at Freie Universitaet.

## TWO DIFFERENT SCHOLARSHIP SCHEMES FOR PHD STUDIES

Scholarship Scheme 1: Scholarships for full PhD studies leading to a doctoral degree of Freie Universitaet. Duration of the scholarship: Three to four years.

Scholarship Scheme 2: Scholarships for candidates who are already doctoral students in China. Following the so-called Sandwich Model, Chinese PhD candidates can do PhD research both at the home university in China and at Freie Universitaet Berlin. The PhD title will ultimately be

conferred by the Chinese university. Duration of the scholarship: One to two years.

## DOCTORAL STUDIES AT FREIE UNIVERSITAET BERLIN

There are two ways to prepare for the doctorate at the Freie Universitaet Berlin:

- Independent Research under supervision of a professor who is an expert in a given research area (Apprentice Model). At present, the vast majority of German and international doctoral students at Freie Universitaet Berlin follow this model.

Basically, every professor of Freie Universitaet can supervise PhD candidates. In order to make information more accessible, we have already collected an extensive number of open positions in a wide range of subject areas suitable for CSC candidates. See Appendix 1 for an overview and our homepage for detailed information about each project at [www.fu-berlin.org.cn/csc](http://www.fu-berlin.org.cn/csc).

- Interdisciplinary Research for the Doctorate in a Doctoral Program.

Freie Universitaet Berlin offers the possibility to pursue doctoral studies in a variety of Graduate Schools, or Research Training Groups, focussing on interdisciplinary research within a structured program. A list of programs is given in Appendix 2; for detailed information please see our homepage at [www.fu-berlin.org.cn/csc](http://www.fu-berlin.org.cn/csc).

The doctoral degree awarded ultimately is the same for both ways of doctoral studies.

## LANGUAGE REQUIREMENTS

The language of instruction will be English or German, depending on the discipline and the subject of the thesis. Excellent language skills are required in the language of instruction.

The following information is meant to provide an overview. For concrete doctoral positions exceptions from the rule presented here may apply. Please consult the information given for each doctoral position.

English as language of instruction for PhD studies - no prior knowledge of German required - is the rule in the following disciplines: Biology, Biomedicine, Chemistry, Pharmacy, Earth Sciences, Mathematics, Computer Science, Physics, Veterinary Medicine.

German as language of instruction for PhD studies is common in the following disciplines: Business Administration, Economics, Education, Psychology, History, Clinical Medicine, Cultural Studies, Law, Philosophy, Political Science, Social Sciences. Still, in individual cases English is possible, depending on the thesis subject and on the approval of the thesis supervisor.

## TUITION FEES

For doctoral studies at Freie Universitaet Berlin no tuition fee is charged.

## APPLICATION PROCEDURE FOR PHD STUDIES AT FREIE UNIVERSITAET BERLIN 柏林自由大学博士研究生申请程序

申请以及材料评估由柏林自由大学驻京代表处负责。所有专业申请相关的问题请联系自由大学驻京代表处, 请发送电子邮件至 [beijing@fu-berlin.de](mailto:beijing@fu-berlin.de) 咨询。

如果希望赴自由大学进行博士研究, 需要完成两个单独的申请程序。

- 首先要针对你感兴趣的专业位置申请柏林自由大学邀请函。申请截止日期将在柏林自由大学中文网站上公布 - [www.fu-berlin.org.cn/csc](http://www.fu-berlin.org.cn/csc)。  
我们强烈建议您尽可能提前提交申请材料。
- 申请成功的候选人将获得自由大学发出的攻读博士学位的邀请函。这封邀请函将专用于 CSC 奖学金申请。CSC 奖学金申请的截止日期请参照 CSC 官方网站 - [www.csc.edu.cn](http://www.csc.edu.cn)。

### 候选人申请材料评估:

只有及时提交给柏林自由大学驻京代表处完整申请材料才能获得申请资格。

材料评估工作将在自由大学驻京代表处进行。最终哪一位申请者可以获得邀请函, 则由自由大学各专业负责教授直接决定。

邀请函在发给被录取候选人的同时, 其副本还将发送到 CSC 北京总部。

### 申请所需材料:

1. CSC 奖学金候选人入学申请表。(表格可以登录自由大学中文网站下载 [www.fu-berlin.org.cn/csc](http://www.fu-berlin.org.cn/csc))
2. 简历。
3. 详细的研修计划, 包括一份时间表。
4. 两封大学教授出具的推荐信。对于联合培养申请人, 要求其中一位必须是国内博士生导师。博士生项目申请者, 要求其中一位必须为国内硕士论文指导教师。
5. 大学学位, 每个阶段均要求: 学位证书, 毕业证, 成绩单。注: 需提交中文及英文文件。学校出具并盖章的英

文译本可用于申请, 非学校出具的翻译件需公证。

6. 博士生项目申请者: 如果硕士研究生在申请时仍未完成硕士阶段课程: 需提交由学校出具的在读以及计划毕业时间证明。
7. 联合培养项目申请者: 需提交博士入学或在读证明。
8. 英语或德语的语言证明(由您所申请的专业方向决定)。

### 英语水平要求:

博士生项目申请者: 雅思平均 6.0 分 (任何部分不能低于 5.0 分), 或托福 iBT 考试总成绩至少 80 分 (部分不能低于 19 分)。

联合培养项目申请者: 雅思平均 5.5 分 (任何部分不能低于 5.0 分), 或托福 iBT 考试总成绩至少 79 分 (部分不能低于 18 分)。

### 德语水平要求:

博士生项目申请者: 德福总成绩至少 16 分, 每个部分不低于 4 分, 或 DSH 考试 - 2 级。

联合培养项目申请者: 德福总成绩至少 14 分, 每个部分不低于 3 分, 或 DSH 考试 - 2 级。

### 报名截止日期

您的申请材料请务必用 PDF 格式, 仅以电子邮件形式发送至 [beijing@fu-berlin.de](mailto:beijing@fu-berlin.de)

申请截止日期将在柏林自由大学中文网站上公布 - [www.fu-berlin.org.cn/csc](http://www.fu-berlin.org.cn/csc)。

## ABOUT FREIE UNIVERSITAET BERLIN

Founded in 1948 as a comprehensive university, Freie Universitaet Berlin rapidly became a major German research university and with a total of 31,000 students - including roughly 5,000 international students - Freie Universitaet also is the biggest university in the German capital today.

Bachelor, Master and PhD studies can be performed in a wide variety of academic fields, ranging from humanities, social sciences, law, business and economics, natural sciences, mathematics, computer science and geo science to medicine and veterinary medicine

Four Nobel Prize laureates and 15 Leibniz Prize winners - the German national science award - teach or have taught at Freie Universitaet. In a nation-wide competition for state universities initiated by the federal government Freie Universitaet Berlin was awarded the label Excellence University in 2007.



» I am doing my Ph.D. degree at Freie Universität Berlin, in the framework of the Freie Universität/China Scholarship Council joint program. My research focuses on plant molecular biology, the analysis of transposable element stability, and epigenetic dynamics in Arabidopsis. I study in the Genetics Department. My professor is both open and encouraging, and possesses a wide range of scientific knowledge. The students in my lab are really friendly and open, and they helped me a great deal when I joined the program. Berlin is really a great city, and I enjoy living and studying here very much. «

Wang Zhenxing\_ China\_ Doctoral candidate at DRS program 'Molecular Plant Sciences'\_ 3<sup>rd</sup> year

请通过邮件联络柏林自由大学北京办事处咨询。

地址：中国 北京

朝阳区 东三环北路 8 号

亮马河大厦 2 座 1718 室

DAAD- 德国大学代表处

邮编：100004

电话：010/6590-6656 或 -6676 转 33

传真：010/6590-6393

邮件：beijing@fu-berlin.de

网站：<http://www.fu-berlin.org.cn>

<http://www.fu-berlin.de>

## Freie Universitaet Berlin - China Scholarship Council Joint Program 2012

### Appendix 1: List of Open Positions for 2012

The following table is giving an overview of the open positions for CSC candidates for the year 2012 as of 16 September 2011. Detailed information about each project is available on our website at [www.fu-berlin.org.cn/csc](http://www.fu-berlin.org.cn/csc)

Subject Area	Name of Supervising Professor(s)
<b>Biology</b>	
Molecular Cell Biology	Dr. Volker HAUCKE
Soil and Fungal Ecology	Dr. Matthias C. RILLIG
Plant Molecular Biology	Dr. Thomas SCHMUELLING
Ecology	Dr. Britta TIETJEN
Plant Molecular Biology	Dr. Tomáš WERNER
Plant Biochemistry	Dr. Claus-Peter WITTE
Functional Biodiversity	Dr. Susanne WURST
<b>Chemistry and Biochemistry</b>	
Bioinorganic Chemistry	Dr. Nora GRAF
Computational Biochemistry	Dr. E.W. KNAPP
Theoretical Chemistry	Dr. Beate PAULUS
<b>Pharmacy</b>	
Pharmacology	Dr. Monika SCHAEFER-KORTING
<b>History and Cultural Studies</b>	
Religion and Literature	Dr. Almut-Barbara RENGER
Modern Chinese History	Dr. Klaus MUEHLHAHN
<b>Mathematics</b>	
Mathematics in Life Sciences	Dr. Alexander BOCKMAYR
Computational Biophysics	Dr. Frank NOE
Geometry Processing	Dr. Konrad POLTHIER
Molecular Modeling	Dr. Burkhard SCHMIDT
<b>Computer Science</b>	
Programming Languages / Innovative Teaching Systems	Dr. Margarita ESPONDA-ARGUERO
Embedded Systems	Dr. Marcel KYAS
Intelligent Systems, Robotics	Dr. Raul ROJAS
Telematics / Dependability	Dr. Katinka WOLTER
Bioinformatics/Computational Biology	Dr. Knut REINERT
<b>Earth Science</b>	
Geochemistry	Dr. Harry BECKER
Human Geography	Dr. Hermann KREUTZMANN

Subject Area	Name of Supervising Professor(s)
<b>Education</b>	
E-Learning	Dr. Nicolas APOSTOLOPOULOS
<b>Humanities</b>	
English Philology	Dr. Gerhard LEITNER
French Studies	Dr. Margarete ZIMMERMANN
<b>Physics</b>	
Biophysics	Dr. Ulrike ALEXIEV
Photosynthesis Research	Dr. Holger DAU
Experimental Physics	Dr. Paul FUMAGALLI
Nanophysics/Nanomaterials	Dr. Michael GIERSIG
Biophysics	Dr. Joachim HEBERLE
Magnetism	Dr. Wolfgang KUCH
<b>Political Sciences</b>	
Global Politics	Professors of the Graduate School of Global Politics
<b>Law</b>	
Insurance Contract Law	Dr. Christian ARMBRUESTER
<b>Veterinary Medicine</b>	
Animal Reproduction	Dr. Wolfgang HEUWIESER
Wildlife Science	Dr. Heribert HOFER
Microbiology	Dr. Uwe ROESLER
Intestinal Microbiology, Infectious diseases	Dr. Lothar H. WIELER
<b>Business and Economics</b>	
Financial Accounting Management	Dr. Jochen BIGUS
Marketing	Dr. Gregory JACKSON
	Dr. Michael KLEINALTENKAMP

## Freie Universitaet Berlin - China Scholarship Council Joint Program 2012

### Appendix 2: List of Graduate Schools and Research Training Groups at Freie Universitaet Berlin sorted by subject areas

The list encompasses Graduate Schools as well as Research Training Groups of Freie Universitaet Berlin, offering structured doctoral program. Please refer to our homepage at [www.fu-berlin.org.cn/esc](http://www.fu-berlin.org.cn/esc) for detailed information about individual programs, including names of program directors, homepages and contact details.

#### Natural Sciences, Life Sciences

Berlin Mathematical School (Graduate School together with: Technische Universitaet Berlin and Humboldt-Universitaet zu Berlin)
Genetic and Immunologic Determinants of Pathogen-Host-Interactions
Biology of Nutrition: Integrated Research Training Center of SFB 852
Biomedical Sciences - Joint Program of the Departments of Veterinary Medicine and Biology, Chemistry and Pharmaceuticals
Cellular Mechanisms of Learning and Memory Formation as well as Memory Consolidation
International Max Planck Research School for Computational Biology and Scientific Computing
Fluorine as a Key Element. Discovering Innovative Synthetic Concepts to Generate Novel Molecules with Unique Properties
Functional Molecular Infection Epidemiology
International Max Planck Research School for Infectious Diseases and Immunology
International Max Planck Research School for Complex Surfaces in Material Science
Leibniz Graduate School of Dynamics in New Light
Methods for Discrete Structures
Leibniz Graduate School of Molecular Biophysics
Leibniz Graduate School of Structural Analysis of hPrp38
Molecular Plant Science
Molecular Science - Joint Graduate School of the Departments Biology, Chemistry, Pharmaceuticals and Physics
Multivalency as chemical organisation and action principle: New architectures, functions and applications (Integrated Research Training Group of SFB 765)

#### Humanities

Friedrich Schlegel Graduate School of Literary Studies
History and Cultural Studies
Interart Studies
Languages of Emotion: Graduate School
Notational Iconicity: On the materiality, perceptibility and operativity of writing

#### Social Sciences and Economics

Graduate Center of Economic and Social Research
Graduate School of Global Politics
International Max Planck Research School for the Life Course: Evolutionary and Ontogenetic Dynamics
Multilevel Constitutionalism: European Experiences and Global Perspectives
Perspectives on Urban Ecology III: Shrinking Cities: Structural Changes as Opportunities for the Development of Urban Nature and Enhanced Environmental Quality for City Dwellers
Berlin Graduate School for Transnational Studies (BTS) - Transnationale Beziehungen, Außen- und Sicherheitspolitik

#### Area Studies

Between Spaces: Movements, Actors, and Representations of Globalization
Graduate School Caspian Region Environmental and Energy Studies
Latin America Studies from a Comparative and Transregional Perspective
Graduate School: Muslim Cultures and Societies
Graduate School of North American Studies

#### Medicine

Berlin-Brandenburg School for Regenerative Therapies (BSRT) (Graduate School: Freie Universitaet and Humboldt-Universitaet: Charité-Universitaetsmedizin Berlin)
Hormonal Regulation of Energy Metabolism, Body Weight and Growth
Integrated Research Training Group IMMUCO - „Induction and Modulation of T-cell-Mediated Immune Reactions in the Gastrointestinal Tract“
PhD Program: Multimorbidity in Old Age (Robert Bosch Foundation)