



IT 审计与网络安全硕士学位教育项目

2016 年招生简章

项目概况：

本项目由北京国家会计学院与美国天普大学福克斯商学院合作举办，主要为从事国家审计、内部审计或者注册会计师审计工作，并有志于成为国际 IT 审计师（CISA 资格证书）的审计人员提供具有国际水准的硕士课程教育，旨在充分结合两校优势，培养信息技术与审计技术融合的复合型人才。本项目是国内首个获得教育部批准的审计（IT 审计）硕士学位教育项目，采用国际高水准的教材、案例及教学方法，云集了两校既有深厚学术造诣又有丰富实践经验的专家、教授任教，从而使本项目成为 IT 审计国际化和本土化相结合的中外合作项目。

合作院校简介：

天普大学

天普大学创立于 1884 年，是位于美国费城的一所公立大学，受到中国教育部的认可。根据最新的卡内基高等教育机构分类法，天普大学在全美 2700 余所四年制学院中名列前茅，被评为“最高质量研究活动的研究性大学”（仅 4% 的高校获此荣誉）。学校规模排名全美第 38 位，目前在校注册学生人数约为 38000 人。天普大学与中国开展教育合作历史悠久，1979 年邓小平在天普大学接受他来自美国唯一的名誉博士学位，该校的比斯利法学院与清华大学合作举办的法学硕士学位教育项目已逾十年。

福克斯商学院是富有声誉的全球大型商学院，早在 1934 年就通过了国际高等商学院协会（AACSB）的权威认证，在 2016 年全美最佳商学院排名中名列第 41 位。福克斯商学院的 IT 审计专业在全美名列前茅，对 IT 审计专业领域的研究也处于前沿地位。

北京国家会计学院

北京国家会计学院由国务院批准成立，为财政部事业单位，以“国内一流、国际知名”会计学院为目标，坚持培养会计、审计等行业领军人才和国际化人才的高端定位，是国家级的高级经济管理人才培养基地。学院自 2002 年起与清华大学合作开展研究生教育，2012 年起开始独立招收会计、审计和税务专业全日制研究生。审计作为主要科研方向之一，我院致力于促进审计专业的教学科研与学科发展。2013 年 7 月，学院成立审计与风险管理研究所，以审计理论与实务的前沿问题为主要研究方向，对审计领域的研究处于前沿地位。经过多年

的发展，学院在会计、审计、税务和金融高级管理人才培养和研究生学位教育等方面都积累了广泛的资源和丰富的办学经验。

项目优势：

1. 前沿学科 填补空白

国内首个 IT 审计硕士项目，填补了国内信息技术审计与网络安全相关专业课程的空白。

2. 海外学位 国家认证

学员不出国门即可获得海外高校的硕士学位，并可获得中国教育部学位认证。

3. 对接 CISA 直通证书

项目课程涵盖了 CISA（注册信息系统审计师）考试的主要内容，对接 CISA 资格考试。

4. 师资雄厚 强强联手

中美资深教授及实务界精英联袂执教，同步使用美方在校生教材。

5. 无须统考 自主录取

申请者无须参加全国统一的研究生入学考试，满足条件的申请者通过面试即可入学。

证书获取：

学员通过考试修满 30 个学分即可获得由美国天普大学颁发的硕士学位证书（Master of Science in Information Technology Auditing and Cyber Security）。

课程设置：8 门全英文授课 + 2 门中文授课

本项目共计 10 门课程，每门课程 3 个学分，37.5 学时。课程涵盖了信息技术（IT）领域知识、审计师商业技能和企业资源规划系统应用等，使学生充分了解 IT 审计与网络安全的重要性，并掌握信息技术审计的相关技术、方法和流程。

课程安排	课程代码	课程名称
福克斯商学院 授课	5202	IT审计组织治理
	5206	商业信息资产保护
	5203	内部控制体系建设

	5205	IT审计监管与控制
	5121	ERP系统审计
	5208	IT审计师数据分析
	5213	商业战略安全体系
	5201	IT审计流程
北京国家会计学院	5287	IT审计师商业技能
授课	5902	IT审计能力提升

学制安排:

学制: 1.5至2年

教学语言: 英文/中文

学习时间: 每月集中 1 至 2 个周末授课

授课地点: 北京国家会计学院

申请条件:

申请人应具备以下基本条件:

- ◆ 受认可的本科及以上学历;
- ◆ 本科期间平均绩点 (GPA) 不低于 3.0 分;
- ◆ 申请者需提交以下任一成绩, 最低分数要求如下:

TOEFL:

Internet Based (机考): 88 分

Paper Based (笔试): 575 分

Computer Based (机考): 230 分

Institutional TOEFL (学院托福): 600 分

IELTS: 6.5 分

参加并通过天普大学专门为申请者举办的英语水平测试

如果申请人的本科阶段学习为全英文授课, 可不提交托福或雅思等语言成绩

- ◆ 通过北京国家会计学院与美国天普大学联合组织的入学面试。

申请流程:

- ◆ 申请者将申请表通过邮寄或者电子邮件的形式提交给北京国家会计学院;
- ◆ 北京国家会计学院对申请者进行初选;
- ◆ 通过初选的申请者将正式申请材料递交给美国天普大学;

申请者需提交以下材料:

- ✓ 大学本科毕业证书、学士学位证书(中英文版)
- ✓ 英语语言成绩证明
- ✓ 个人陈述及个人简历(英文版)
- ✓ 两封推荐信(英文版)
- ✓ 大学成绩单,需加盖原毕业院校有效公章(中英文版)

申请表、个人简历和推荐表可在北京国家会计学院网站下载

- ◆ 参加北京国家会计学院与天普大学联合组织的入学面试;
- ◆ 天普大学通知申请者其录取结果。

联系方式:

北京国家会计学院研究生部 境外合作管理中心

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**Master of Science in Information Technology Auditing
and Cyber Security (ITACS) Program
2016-2017**

**Fox School of Business, Temple University
Beijing National Accounting Institute**

MOE11US1A20151743N

Program Overview

The mission of Temple-BNAI ITACS program is to provide Chinese professionals who engage in the state audit, internal audit or certified public accountant audit with internationally competitive courses. Gathering strength from Temple and BNAI, the program facilitates students to stand out from the competition with the breadth of knowledge about both information and auditing technology. Through about 2 years of study, students sharpen their abilities and enhance their capacities to become an excellent IT auditor or a cyber security professional. The program equips Chinese students with critical thinking and analytical skills essential to succeed as IT audit professionals in a global context and promises students a bright future. With the assistance of cutting-edge teaching materials, cases and methods, courses are taught in English by experienced Temple and BNAI faculty members as well as expert practitioners in related fields. The program's curriculum offers rich insights into the IT auditing and cyber security discipline from an international perspective tuned to the local environment, which enables the program to be a renowned international ITACS program in China.

About Temple University

Temple University, founded in 1884, is a comprehensive public university based in Philadelphia, Pennsylvania. Temple is the 38th-largest university with about 38,000 students in the U.S. In the latest Carnegie Classification of Institutions of Higher Education, Temple rose to “highest research activity,” or R1, placing it among the top four percent of all four-year institutions in the nation. The friendship and cooperation between Temple and China can be dated back to 1979, when Temple bestowed an Honorary Doctorate of Laws upon the former Chinese leader, Deng Xiaoping. Temple has long worked to form enduring bonds of cooperation with the Chinese government and educational institutions. Since 1998, Temple Law School has cooperated with Tsinghua Law School to deliver the Master of Laws program in China.

About Fox School of Business

Established in 1918, the Fox School of Business is one of the premier business schools in the greater Philadelphia region and among the largest business schools in the world, retaining its ranking as No. 41 in the U.S. Fox has maintained the accreditation by the Association to Advance Collegiate Schools of Business (AACSB) since 1934. Supported by Fox's Management Information Systems department renowned for its leading research worldwide, the ITACS program is one of the top programs in the U.S. Fox endeavors to generate groundbreaking research into the design and use of information technology by drawing on diverse theories, methods, and approaches.

About Beijing National Accounting Institute

Founded on July 20th, 1998, Beijing National Accounting Institute (BNAI) is approved by State Council of China, and supervised by the Ministry of Finance of China. BNAI is a continuing accounting education and training base for the senior administrative personnel from macroeconomic administration departments of the government, large-scale state-owned enterprises, financial institutions and social intermediary agencies across China. BNAI aims to be a leading and celebrated institution for accounting professional education and research in China and worldwide. Since 2002, BNAI has cooperated with Tsinghua University to offer graduate education programs. BNAI presently offers graduate education programs, including the Masters in Professional Accounting (MPAcc), the Masters in Auditing (MAud), and the Masters in Taxation (MT). BNAI places emphasis on the research of auditing, and contributes significantly to the training, research and development in this area. In July 2013, BNAI established the Research Institute for Auditing and Risk Management, focusing on the research into the cutting-edge problems of auditing theory and practice. With 18 years of development, BNAI has gained considerable experience in the continuing education for the senior administrative personnel from the macroeconomic administration departments and master degree programs for

graduates in accounting, auditing, taxation and finance.

Why ITACS?

Organizations rely on information systems to automate their processes, store their trade secrets and accumulate a large amount of private data about their customers. Along with substantial benefits, these systems bring risks. *Has your data been compromised? Is someone stealing your secrets? Are you in compliance with government regulations? Can your organization continue to operate after a natural disaster?*

The role of an IT auditor is to assess, manage, and control the above risks. IT auditors are responsible for analyzing organizational risks, communicating these risks, and applying solutions that reduce organizational threats, promote transparency and comply with regulations. IT auditors typically work on many different kinds of projects and enjoy a reasonable work-life balance.

The role of a cyber security professional is to identify, analyze and address cyber risks. Security professionals typically work to prevent intrusions, detect them when they do occur and respond to them in such a way as to limit the business' losses. Security professionals are currently in very high demand.

The Temple-BNAI ITACS program prepares students as either entry-level IT auditors or security professionals. Our graduates will have the skills and knowledge needed to pass the Information Systems Audit and Control Association's (ISACA) Certified Information System Auditor exam or the International Information Systems Security Certification Consortium's (ISC²) System Security Certified Professional (SSCP) exam.

Strengths of the Program

- The Temple-BNAI ITACS program is the first Master of IT Auditing and Cyber Security program in China, which is unprecedented in the development of related courses regarding IT auditing and cyber security.
- Graduates of the program will receive a master degree from a renowned American university without studying abroad. The program has been approved by the Ministry of Education of China.
- The ITACS program is ISACA-aligned, counting as one year of experience toward the CISA certification. The cutting-edge curriculum covers the main content of the CISA exam.
- Students benefit from access to Temple and BNAI's world-class faculty as well as support through individualized academic and career counsel. Students get the same teaching materials as American students get in Temple.
- It is unnecessary for applicants to participate in the National Postgraduate Entrance Examination of China. Applicants could be admitted if they satisfy the application requirements.

Degrees

Temple will award its Master of Science in Information Technology Auditing and Cyber Security degree to students who complete the requirements.

Curriculum

The ITACS program has a total of 30 credit hours of study based on the curriculum below. One credit hour is recognized as 12.5 hours and a 3-credit course translates into 37.5 hours. All classes will be held at the premise of Beijing National Accounting Institute. Courses will generally be offered over one weekend or two weekends per month.

The curriculum includes 10 advanced courses. The course offerings are as follows:

5202 IT Governance

In this course students learn how IT organizations are managed in a controlled environment. Students learn how to create a control environment assure alignment to corporate strategy, portfolio management, organizational structure, policies, resources and risks. A number of tools, techniques, and frameworks are introduced.

5206 Protecting Information Assets

In this course students learn the importance of managing the information assets of the organization including logical, physical and environmental security. Disaster recovery and business continuity controls are also discussed.

5203 Implementing Systems Projects

Provides a broad and foundational understanding of how systems and infrastructure projects are planned, developed, and implemented. Topics covered include feasibility study and business case development, requirements, architecture and design, development, acquisition, implementation, post-implementation, agile and traditional methodologies, organizational maturity and processes. Associated controls during systems development and acquisition is also discussed.

5205 IT Service Delivery and Support

Examines the controls needed to assure that an IT organization deliver on its value proposition at a minimal risk. Learn about the challenges of providing a reliable and secure service to the business. Topics include SLA's, monitoring, change control, incident management, etc.

5121 Enterprise Resource Planning Systems

Examines how ERP systems are used in corporations to execute standard business processes and to collect accounting data. Emphasis is on how such systems are controlled. Class examples and exercises use SAP.

5287 Business Skills for the IT Auditor

In this course students hone a variety of business skills that are necessary to be effective as an IT auditor. These skills include managerial communications and public speaking skills, interviewing skills, negotiation and personal selling skills, business writing, industrial psychology/behavioral science skills, project/time management and team building skills.

5208 Data Analytics for the IT Auditor

Examines the emerging approach of continuous-audit. This approach relies heavily on data analytics to examine datasets produced by audit and security controls (for instance, network log files). Basic data analysis concepts are presented and then applied to security or audit problems. Audit specific tools like ACL will be used in addition to general tools like Excel.

5213 Security Architecture

Examines the methodology by which an organization aligns its business strategy with its security operations. Both the current and desired future states of the business' security efforts are described so that resources can be directed to the security efforts most needed to support the business.

5201 IT Audit Process

This course introduces students to the essential concepts of IT auditing. Students will learn standards and guidelines for performing an IT audit. Topics will include concepts of internal controls. Students will learn to plan and manage an audit as well as how to report on evidence collected during the audit.

5902 IT Auditing Capstone

In this course students are given the opportunity to demonstrate the capabilities they have developed throughout the program. This course prepares students for the CISA examinations and requires them to demonstrate an ability to research emerging IT

assurance issues.

Admission Requirements

◆ Degree requirement:

- ✓ Candidates should hold a bachelor's degree awarded by an institution recognized by the Chinese Ministry of Education.
- ✓ The Master of IT Auditing and Cyber Security degree is conferred upon students with a minimum 3.0 grade point average or by special exception. If the grade point average is below 3.0, Temple and BNAI may consider candidates demonstrating more than five years of management experience, in the sole discretion of Temple and BNAI.

◆ English Assessment:

TOEFL/IELTS will not be required if the undergraduate degree shows that the language of instruction was in English. Other applicants must take an English assessment exam. There are three options for this test:

- ✓ For applicants who take the Test of English as a Foreign Language (TOEFL), a score of at least 88 (internet-based test), 575 (paper-based test), 230 (computer-based test) or 600 Institutional TOEFL is required for admission consideration.
- ✓ For students who take the International English Language Testing System (IELTS), a minimum band score of 6.5 is necessary for admission.
- ✓ Temple administers an English Assessment Exam (EAE) for purposes of this program. The Temple EAE is based on the Michigan Test of English Language Proficiency (MTELP) and its Listening Comprehension Test (MELICET-L).

◆ Interviews requirement:

Applicants should participate in the personal interviews with representatives of Temple and BNAI conducted in English.

Application Procedure

- ◆ Applicants are encouraged to submit the Application Form to BNAI.
- ◆ BNAI will review applications for completeness.
- ◆ Applicants will be required to submit the following documents to Temple online:
 - ✓ Official transcripts of undergraduate degree, in both Chinese and English
 - ✓ English assessment result
 - ✓ Professional statement, in English
 - ✓ Resume, in English
 - ✓ Two letters of recommendation, in English
- ◆ Applicants will participate in the personal interviews with representatives of Temple and BNAI conducted in English.
- ◆ Admissions decisions will be mailed to the applicant directly by Temple.

Financial Information

■ Tuition and Expenses:

Tuition for the students entering the program in 2016: RMB 228,000

■ Housing in Beijing:

The program will provide students with housing on the BNAI campus. Students are responsible for all their living expenses.

■ Visit in Philadelphia:

Students are responsible for all their living expenses for the visit in Philadelphia, including transportation, room and board, and health insurance costs.

Contact us

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