International Student Recruitment Guide of TYUT (2025)



I.Introduction to Taiyuan University of Technology

Founded in 1902, TYUT is one of the first three national universities in China, it is located in Taiyuan, the capital city of Shanxi Province, which is a famous historical city with a 2,500 years old history of urban construction and traditional Chinese culture. Taiyuan has a pleasant climate all year round, convenient transportation and low living costs, making it an ideal city for international students to study in China.

TYUT is a national "211 Project" and "double first-class" key construction university. Engineering Science, Materials Science and Chemistry consistently rank in the top 1% of ESI. Multiple disciplines are open to international students, including science, engineering, economics, law, education, literature, management, and fine arts. TYUT began to enroll international students in the early 1980s. More than 2,000 international students from almost 100 countries and regions have come to study here. Its cultivation capacity ranks first in Shanxi province.

In 2025, 34 majors in 19 colleges of Taiyuan University of Technology will recruit international students from all over the world. It now has a multi-level education system that includes academic education for undergraduates, postgraduates and doctoral students, and non-academic education for language learning and Foundation education. TYUT has passed the Quality Accreditation on Higher Education of International Students Studying in China twice, in 2018 and 2024.

Against the backdrop of profound historical and cultural accumulations, Taiyuan University of Technology not only offers international students opportunities to learn Chinese and understand traditional Chinese culture, but also provides a comprehensive scientific research and study platform, helping international students in China become international talents with global competence.





II. Application Requirements

1. Undergraduate students

Non-Chinese citizens, physically and mentally healthy, with no history of major diseases, infectious diseases or mental illnesses.

With a high school diploma or an equivalent educational level, aged between 18 and 25 years old.

Those applying for Chinese - taught programs must reach Level 4 of the New Chinese Proficiency Test (HSK4 - 200 points or above). CSC Scholarship Candidates need HSK5.

Those applying for English - taught programs need to have an English proficiency level of IELTS 6.0 or TOEFL 85 or Duolingo 110 and above, or be native English speakers.

High school graduation scores should be no less than 7.5 (out of 10), or 75 (out of 100), or 12 (out of 20). Status and Nationality requirements





2. Master's Degree Candidates

Non-Chinese citizens, physically and mentally healthy, with no history of major diseases, infectious diseases or mental illnesses.

With a bachelor's degree and being no more than 30 years old.

Those applying for programs taught in Chinese must reach level 4 of the New Chinese Proficiency Test (HSK4 - 200 points or above).

Those applying for programs taught in English need to have an IELTS score of 6.0(CSC Scholarship candidates need it) or a TOEFL score of 85(CSC Scholarship candidates need it) or Duolingo 110, or be native English speakers.

The GPA score is not lower than 3.2 (MAX 4.0) or 12 (MAX 20).

Participate in the supervisor's interview and obtain the supervisor's invitation letter.

3. Doctoral Candidates

Non-Chinese citizens, physically and mentally healthy, with no history of major diseases, infectious diseases or mental illnesses.

With a master's degree and being no more than 35 years old.

Those applying for programs taught in Chinese must reach Level 4 of the New Chinese Proficiency Test (HSK4-200 points or above).

Those applying for programs taught in English need to have an IELTS score of 6.0 (CSC Scholarship candidates need it) or a TOEFL score of 85(CSC Scholarship candidates need it) or Duolingo 110 or be native English speakers.

The GPA score is not lower than 3.2 (MAX 4.0) or 12 (MAX 20).

Participate in the supervisor's interview and obtain the supervisor's invitation letter.

4. Preparatory Foundation Students

Non-Chinese citizens, physically and mentally healthy, with no history of major diseases, infectious diseases or mental illnesses.

It includes undergraduate preparatory students, master's preparatory students and doctoral preparatory students. The academic and age requirements are the same as those for recruiting undergraduates, master's students and doctoral students.

The English proficiency needs to reach IELTS 6.0 or TOEFL 85 or Duolingo 110 or above, or be native speakers of English.

The GPA score is not lower than 3.2 (MAX 4.0) or 12 (MAX 20).

Undergraduate	Master's and Doctoral Degree	Preparatory Foundation
2024.12—2025.05	2024.12—2025.04	2024.12—2025.05



III. Enrollment Plan& Scholarship Quota

Student		Scholarship	Stipend	Duration		Scholarsl	nip details		Language	Language	Proficiency	Academic
Type	Quota	Туре	RMB/M	of funding	Tuition	Dormitory	Stipends	Insurance	of instruction	Chinese	English	scores are equal
		CSC	2500	12months	√	√	√	√		HSK5		85/100
	30	TYUT A	1200		√	×	√	×	Chinasa	пзкз		80/100
Undergraduate	30	TYUT B	800	10months	√	×	√	×	Chinese	HSK4≧ 200	-	75/100
	30	TYUT D	0		√	×	×	×	English	-		75/100
	40	CSC	3000	12months	√	√	√	×		HOV. A	IELTS ≥ 6.0 TOEFL ≥ 85	GPA3.4/4 14/20
Master	40	Shanxi Governent B	2000		√	×	√	×				GPA3.2/4
	10	TYUT D	0		√	×	×	×	Chinese			12/20
	20	CSC	3500	12months	√	√	√	×	/English	HSK4	Duolingo ≥110	GPA3.4/4 14/20
PhD	20	Shanxi Governent A	2500	10months	√	√	√	×				GPA3.2/4 12/20
	10	TYTU D	0		√	×	×	×				12/20

Students applying for the CSC Scholarship for High-level Postgraduate Programs who choose English-taught courses must have an English proficiency level of at least IELTS 6.0 or TOEFL 85. Other scholarship programs may accept Duolingo scores, with a requirement of 110 points. Before the funding period expires, apply in advance for the scholarship for the following year.

Undergraduate students enrolled in English-taught programs who achieve a score of 200 on the HSK Level 3 during their first academic year and an average grade of 80 in that year may receive the TYUT C Scholarship in their second year, with a funding period of 10 months.

Master's and doctoral students who receive the TYUT D Scholarship, upon completing the first semester's courses and passing the professional assessment by their supervisors and the scholarship review, may apply for the Shanxi Government Scholarship for the second semester. If they fail to meet the supervisors' requirements, they will not be able to continue their studies at our university in the second semester.

Salf aumnorting	Plan	Payment details			Language of		Languaga	Academic scores
Self-supporting student category	enrollment	Tuition	Dormitory	Study Materials Language of instruction		Period of study	Language requirement	are equal
Undergraduate Taught in English	20	√	√	√	English	2025.09-2029.07		75/100
Pre-undergraduate foundation Program	60	√	√	√			IELTS ≥ 6. 0 TOEFL ≥ 85 Duolingo ≥ 110	75/100
Pre-Master foundation Program	20	1	√	√	Chinese&English	2025.09-2026.07		GPA3.2/4
Pre-doctoral Program			√				12/20	

Undergraduate students enrolled in English-taught programs who achieve a score of 200 on the HSK Level 3 during their first academic year and an average grade of 80 in that year may receive the TaiLi C Scholarship in their second year, with a funding period of 10 months.

IV. Study Cost

Cost Type	Students Type	Duration	Tution
	Doctor	4 years	15,000 CNY/Year
Academic	Master	3 years	12,000 CNY/Year
	Undergraduate	4 years	10000 CNY/Year
	Preparatory Foundation	1 year	6,000 CNY/Year
NI 4. 4		1 mongh	1,000 CNY
Non-adademic	Language	2 months	2,000 CNY
		1 semister	3,500 CNY
		1 year	6,000 CNY
	Registeration fee	-	400 CNY
		Single room	800 CNY/month
	Domitory fee	Double room	350CNY/month
Others fees		Four-person suite	320CNY/month
Others fees	Insurance fee	1 year	800CNY/year
	Physical exam fee	-	415CNY
	Resident Permit fee	1 year	800CNY/year
	Study materials fee	-	500CNY



V. Admissions Process and Application Materials

Admission Process

Step 1: Log in to the admission portal website of Taiyuan University of Technology (http://is.tyut.edu.cn), create a username and log in to the system to complete the entry of personal application information and upload relevant materials.

Step 2: The applicants for undergraduate programs must undergo a preliminary review and pass the Ministry of Education's undergraduate academic proficiency test;

The applicants for Master/PhD programs are required to reach out to potential supervisors for interviews assessing their professional abilities. Upon aggreement form the supervisor to accept you for a master's or doctoral degree, they will issue you an invitation letter and a supervisor evaluation form, which you will then upload to the school's admission portal.

Step 3: Please settle the registration fee of 400 RMB through WeChat Pay and submit the payment receipt to our admission portal. The payment QR code is displayed the figure below.

Step 4: Receive the pre-admission notice.

Step 6: Receive the JW201 form or JW202 form and the official admission notice.

Step 7: Apply for a visa at the local Chinese embassy.

Step 8: Contact us to confirm your arrival date and finish the payment of your insurance.

Step 9: Please bring the original copies of your passport, degree certificate, transcript of the highest educational attainment, physical examination form, and language proficiency certificate, etc. to register at our school within the specified time.

When you receive our email asking you to pay the registration fee, please pay the registration fee within one week. Please indicate your application number and the purpose of the remittance in the remittance instructions. After the registration fee is successfully paid, please upload the payment screenshot to the system.



Application Materials:

All application materials are required to be scanned in high - definition as original documents. Copies are not accepted. If it is found that there are fraudulent situations in the application materials, the application qualification will be cancelled and recorded in the blacklist of the enrollment system.

	Material Details	Notes
	Scanned copy of the passport's first page and all	The passport's validity must be no less than 1 year, and the expiration date of the residence permit for
1	used pages (residence permit)	students within the country must not be earlier than August 31st.
2	Notarized highest educational diploma/degree certificate	High-definition scanned copies of the original documents are required, not photocopies, and upload a high-definition photo of yourself holding the original document. Applicants who cannot provide the
3	Highest educational academic transcript, national graduation examination transcript	required materials as requested will not be reviewed by the school.
		Applicants for Master's and Doctoral programs must provide recommendation letters from associate professors or above.
		Applicants for undergraduate programs must provide recommendation letters from high school teachers or
		principals. The letters must include the relevant recommender's introduction, contact number, and
4	Two recommendation letters	personal official school email address.
	Language proficiency certificate	Applicants for English-taught Master's and Doctoral programs must provide proof of IELTS 6.0/TOEFL 85 scores; Applicants for English-taught undergraduate programs must provide proof of IELTS 6.0/TOEFL 80/Duolingo 100 scores;
5		Applicants for Chinese-taught undergraduate, Master's, and Doctoral programs need to have taken the Chinese Proficiency Test (HSK) within the last two years and obtained a score of HSK4 200.
6	Supervisor's evaluation form	Applicants for our graduate program must provide two documents: the supervisor's evaluation form and the
7	Supervisor's admission invitation letter	acceptance letter.
		Upload to the portal. It is necessary to state in detail all study and work experiences from the primary school
8	Personal resume and study plan	stage to the completion of the highest educational attainment stage.
9	Scanned copy of the "Foreigner Physical Examination Form"	Valid within half a year before the application date
10	No criminal record report	Valid within 3 months before the application date
11	Bank financial proof/Bank statements	Personal or direct relatives' accounts have no less than \$4200 in savings or 30,000 RMB.

VI. Admission Major

Doctor
The duration of study is 4 years

Chemical Engineering and Technology

Materials Science and Engineering

Electrical Engineering

Mechanical Engineering

Mineral Engineering

Geological Resources and Geological Engineering

Safety Science and Engineering

Mechanics

Environmental Science and Engineering

Biomedical Engineering

Civil Engineering

Hydraulic Engineering

Computer Science and Technology

Optical Engineering

Electronic Science and Technology

Mathematics

Management Science and Engineering



Master The duration of study is 3 years Chemical Engineering and Technology Materials Science and Engineering Metallurgical Engineering Power Engineering and Engineering Thermophysics Electrical Engineering Control Science and Engineering Computer Science and Technology Civil Engineering Hydraulic Engineering Chemistry Mechanical Engineering Mechanics (Engineering) Mineral Engineering Surveying Science and Technology Geological Resources and Geological Engineering **Environmental Science and Engineering** Mathematics Management Science and Engineering **Business Administration Physics Optical Engineering** Instruments Science and Technology Electronic Science and Technology Biomedical Engineering (Engineering) Software Engineering Safety Science and Engineering Foreign Language and Literature Integrated Circuit Science and Engineering. Design Architecture

Urban and Rural Planning.

Undergraduate The duration of study is 4 years	Teaching language	Language requirement	Scholarship Programs CSC Scholarship
Computer Science and Technology International Economics and Trade	English	IELTS 6.0 TOEFL85	TYUT-D
Software Engineering		Duolingo 110	Self-funded
Computer Science and Technology		HSK5	
Civil Engineering		нэкэ	CSC Scholarship
International Economics and Trade			
Teaching Chinese to Speakers of Other Languages			
Arts and Crafts		HSK4	
Cultural Relics Protection and Restoration		пэк4	
Digital Media Art			
Environmental design	Chinese		
Hydrology and Water Resources Engineering	Cililese		TYUT A/B/C
Applied Chemistry			TTOT A/b/C
Mining Engineering			
Surveying and Mapping Engineering		HSK5	
Geological Engineering		пэкэ	
Resources Exploration Engineering			
Optoelectronic Information Science and Engineering			
Biomedical Engineering			

VII. Dormitory





















一、太原理工大学简介

太原理工大学始建于 1902 年,是中国最早的三所国立大学之一,坐落于历史名城山西太原市,拥有 2500 年的城市建设历史和悠久的中国传统文化。太原一年四季气候宜人,交通便利,生活成本低,是国际学生来华留学的理想城市。

太原理工大学是国家"211工程"和"双一流"重点建设高校。工程科学、材料科学和化学专业始终位于 ESI 前 1%。我校面向国际学生开放的学科包括理、工、经、法、教、文、管、美术等多个学科。我校于 20 世纪 80 年代初开始招收国际学生,来自近 100 个国家和地区的 2000 多名国际学生来到这里学习,来华留学生培养能力居山西省首位。

2025 年,太原理工大学 19 个学院 34 个专业将招收来自世界各地的留学生。形成了以本科、研究生、博士为主体的学历教育和以语言进修和预科教育为主体的非学历教育的多层次教育体系。我校先后于 2018 年和 2024 年两次通过来华留学生高等教育质量认证。

在厚重的历史和文化积淀的背景下,太原理工大学不仅向国际学生提供汉语学习和了解中国传统文化,而且还提供完善的科研学习平台,帮助来华留学生成为具备全球胜任力的国际化人才。

二、申请要求

1. 本科生

非中国籍公民,身心健康,无重大疾病、传染病和精神疾病史。

具有高中毕业证书或同等学历,年龄在18至25岁之间。

申请汉语授课项目的学生必须达到新汉语水平考试四级(HSK4 - 200 分以上)。申请中国政府奖学金的候选人汉语要求通过 HSK5 级。

申请英语授课课程的学生需要具备雅思 6.0 或托福 80 或多邻国 110 以上的英语水平,或者以英语为母语。

高中毕业成绩不低于 7.5 分(满分 10 分), 或 75 分(满分 100 分), 或 12 分(满分 20 分)。

2.硕士研究生

非中国籍公民,身心健康,无重大疾病、传染病和精神疾病史。

已经获得学士学位,年龄不超过30岁。

申请汉语授课项目的学生必须达到新汉语水平考试四级(HSK4 - 200分以上)。

申请以英语授课的项目,要求雅思成绩 6.0 分(CSC 奖学金申请者要求)或托福成绩 85 分(CSC 奖学金申请者要求)或多邻国成绩 110 分,或以英语为母语。 GPA 成绩不低于 3.2 (MAX 4.0)或 12 (MAX 20)。

参加导师面试并获得导师邀请函

3.博士研究生

非中国籍公民,身心健康,无重大疾病、传染病和精神疾病史。

具有硕士学位,年龄不超过35周岁。

申请以中文授课项目者,必须达到新汉语水平考试四级(HSK4-200分及以上)。

申请以英文授课项目者,要求雅思成绩 6.0 分(CSC 奖学金申请者要求)或托福成绩 85 分(CSC 奖学金申请者要求)或多邻国成绩 110 分,或者母语为英语。 GPA 成绩不低于 3.2(MAX 4.0)或 12(MAX 20)

参加导师面试并获得导师邀请函

4. 预科生

非中国籍公民,身心健康,无重大疾病、传染病和精神疾病史。

包括本科生预科生、硕士预科生和博士预科生,学历要求和年龄要求同招收本科生、硕士研究生和博士研究生要求相同。

英语水平需要达到 雅思 6.0 分或托福 85 分或多邻国 110 分及以上,或者母语为英语。

GPA 成绩不低于 3.2 (MAX 4.0)或 12 (MAX 20)

本科生	硕士研究生	博士研究生	预科生
2024.12—2025.05	2024.12—	-2025.04	2024.12—2025.05

三、招生计划及奖学金名额

奖学金生	数量	妆坐人米 刪	生活费	资助		奖学	金明细		極油油字	语言要求		最高学历			
类别	剱里	奖学金类型	元/月	时段	学费	住宿费	生活费	保险费	授课语言	中文成绩	英文成绩	成绩均分			
		CSC	2500	12 个月	√	√	√	√		HSK5		85/100			
	30	太理 A	1200		√	×	√	×	中文	пзкэ		80/100			
本科生	30	太理 B	800	10 个月	√	×	√	×	十人	HSK4≥200	-	75/100			
		山西来晋政府	500	10 7 73	√	×	√	×		$HSK4 \leq 200$		/3/100			
	30	太理 D	0		√	×	×	×	英文	-		75/100			
		40 CSC	CSC 30	3000	12 个月	√	 	√	×				GPA3.4/4		
 硕士生	40			3000	12 /]	~	~	v				IELTS≧6.0	14/20		
映工工		山西来晋政府	2000	10 个月	√	×	√	×			TOEFL≥85	GPA3.2/4			
	10	太理 D	0	10 个月	√	×	×	×	中/英	HSK4	Duolingo ≥	12/20			
	. 20				CSC	3500	12 个月	√	,	,	×	十/天	пзк4	110	GPA3.4/4
博士生		CSC	3300	12年月	~	√	√				110	14/20			
		山西来晋政府	2500	10 个月	√	√	√	×				GPA3.2/4			
	10	太理 D	0	10 个月	√	×	×	×				12/20			

申请 CSC 奖学金高水平研究生项目的学生如选择英文授课,则英语水平需要达到雅思 6.0 及以上或是托福 85 分及以上英语成绩。其它奖学金项目可以提供多邻国成绩,达到 110 分。资助期限到期前,提前申请下一年度的奖学金。

英文授课本科生入学第一学年期间通过 HSK3 级达到 200 分并且第一学年平均成绩达到 80 分者可在第二学年获得太理 C 奖学金,资助时段 10 个月。 获得太理 D 奖学金的硕士和博士生在完成第一学期课程并通过导师专业评估及奖学金评审后可在第二学期申请来晋政府奖学金。如未能达到导师要求则无法在第二学期继续在我校学习。

自费学生类别	计划招生数	缴费明细			授课语言	学习期限	语言要求	最高学历成绩均分
日質子生突加		学费	住宿费	资料费	投床店吉	子刁朔限		取局子// 取易子//
英文授课本科生	20	√	√	√	英文	2025.09-2029.07	IELTC>6 O	≥75/100
本科预科生	60	√	√	√			IELTS ≥ 6. 0 T0EFL ≥ 85	≥ 75/100
硕士预科生	20	√	√	√	中英双语	2025.09-2026.07		GPA ≥ 3.2/4
博士预科生	20	√	√	√			Duolingo≥110	≥ 12/20

英文授课本科生入学第一学年期间通过 HSK3 级达到 200 分并且第一学年平均成绩达到 80 分者可在第二学年获得太理 C 奖学金,资助时段 10 个月。

四. 学习费用

费用类型	学生类别	学习期限	学费
	博士生	4 年	15,000 元/年
学历生项目	硕士生	3 年	12,000 元/年
	本科生	4 年	10000 元/年
	预科学习	1 年	6,000 元/年
		1 个月	1,000 元
非学历生项目	语言进修	2 个月	2,000 元
		1 学期	3,500 元
		1 学年	6,000 元
	申请报名费	次	400 元
		Single room	800 元/月
	住宿费	Double room	350 元/月
 其它费用		Four-person suite	320 元/月
A 匕页用	保险费	1 year	800 元/年
	体检费	次	415 元
	居留许可费	1 year	800 元/年
	学习材料费	-	500 元

五、招生流程及申请材料

招生流程

第一步: 登录太原理工大学招生门户网站(http://is.tyut.edu.cn),创建用户名,登录系统,完成个人申请信息的录入和相关材料的上传。

第二步: 本科专业申请者必须经过初审, 并通过教育部本科学术水平测试;

申请硕士/博士课程的学生需要与潜在的导师进行面试,以评估他们的专业能力。在导师同意接受你的硕士或博士学位后,他们会给你发一封邀请函和一份导师评估表,然后你将其上传到学校的入学门户网站。

第三步:请通过微信 Pay 结算报名费 400 元人民币,并将付款收据提交到招生门户。支付二维码如下图所示。

第四步: 收到预录取通知。

第六步: 收到 JW201 表或 JW202 表和正式录取通知书。

第七步: 到当地的中国大使馆申请签证。

第八步: 联系我们确认您的到达日期并完成您的保险支付。

第九步:请在规定时间内携带护照、学位证书、最高学历成绩单、体格检查表、语言能力证书等原件到我校报到。

当您收到我们要求您支付注册费的邮件时,请在一周内支付注册费。请在汇款指示中注明 您的申请号码及汇款用途。注册费用支付成功后,请将付款截图上传至系统。



申请材料 全部申请材料要求原件高清扫描,不接受复印件;如发现申请材料有造假情况,取消申请资格并记录在招生系统黑名单内

	材料明细	备注				
1	护照首页及全部使用页扫描件(居留许可)	护照有效期不得少于1年,境内学生居留许可截止日期不得早于8月31日				
2	经公证的最高学历文凭/学位证书	需要提供原件的高清扫描件,非复印件,且上传本人手持原件的半身高清照片。凡不能按要求提供				
3	最高学历学术成绩单、全国毕业考试成绩单	资料的申请者,学校不予审核。				
4	两封推荐信。	申请硕士博士专业者需提供副教授及以上教师的推荐信,申请本科专业者需提供高中老师或校长的推荐信。其必须包含相关推荐人的相关介绍、联系电话、个人所使用的学校官方电子邮件。				
5	语言水平资格证书	申请英文授课本科、硕士、博士专业需提供雅思 6.0/托福 85/多邻国 110 的成绩证明; 申请中文授课本科、硕士和博士需要近两年内参加汉语水平考试获得 HSK4 200 分				
6	研究生导师的评审意见表	申请我校研究生项目需要提供				
7	导师招生邀请函	中语我仅听几王项目而安促於				
8	个人简历和学习计划	上传系统				
9	《外国人体格检查表》扫描件	申请之日之前半年内有效				
10	无犯罪记录报告	申请之日前3个月内有效				
11	银行资金证明	个人账户或者直系亲属的账户有不少于 4000 美元存款或 30000 人民币				

六、招生专业目录

博士研究生招生专业
化学工程与技术
材料科学与工程
电气工程
机械工程
矿业工程
地质资源与地质工程
安全科学与工程
力学
环境科学与工程
生物医学工程
土木工程
水利工程
计算机科学与技术
光学工程
电子科学与技术
数学
管理科学与工程

硕士研究生招生专业			
化学工程与技术	工商管理学		
材料科学与工程	物理学		
冶金工程	光学工程		
动力工程与工程热物理	仪器科学与技术		
电气工程	电子科学与技术		
控制科学与工程	生物医学工程(工程)		
计算机科学与技术	软件工程		
土木工程	安全科学与工程		
水利工程	外国语言文学		
化学	集成电路科学与工程		
机械工程	设计学		
力学	建筑学		
矿业工程	城乡规划学		
测绘科学与技术			
地质资源与地质工程			
环境科学与工程			
数学			
管理科学与工程			

招生咨询:

招生办公室咨询电话: 0351-6010232

招生邮箱: ciee@tyut.edu.cn

招生专员: 陈老师 <u>chenbo01@tyut.edu.cn</u>

招生项目合作: 王老师 wangyi01@tyut.edu.cn





本科生招生专业	授课语言	语言要求	奖学金
计算机科学与技术		雅思 6.0/	TYUT D
国际经济与贸易	英文	TOEFL85/	TYUI D
软件工程	光入	Duolingo	自费
1八十二年		110	ПУ
计算机科学与技术		HSK≥200	中国政府奖学
土木工程		HSK5	金
国际经济与贸易			
汉语国际教育			
工艺美术		HSK4≥200	
文物保护与修复			
数字媒体艺术			
环境设计	山立		
水文与水资源工程	中文		太理 A/B
应用化学		HSK5	众连 AVD
采矿工程			
测绘工程			
地质工程			
资源勘查工程			
光电信息科学与工程			
生物医学工程			