



太原理工大学
TAIYUAN UNIVERSITY OF TECHNOLOGY

Admission Regulation for International students of Taiyuan University of Technology

(2020)

I. Brief Introduction of Taiyuan University of Technology (TYUT)

Taiyuan University of Technology, which was one of the first three national universities in China, was established in 1902. It is a key construction university in “211 Project” and national “double-first-class” project. TYUT covers an area of nearly 3200 mu (about 2.13 million square meters) and now has 30960 full-time undergraduates, 7017 postgraduates and 762 doctoral candidates. It also has 84 undergraduate specialized programs, 34 masters degree programs in first-level discipline, 15 doctoral programs in first-level disciplines, 15 post-doctoral research stations, 14 authorized points for professional degree and 3 national key disciplines, 4 national experimental teaching demonstration centers, 5 national characteristic specialized construction points, 7 national “engineering practice education centers” and 1 state key laboratory base cofounded by the province and Ministry, 4 key laboratory of the Ministry of Education. Engineering Science, Materials Science and Chemistry have entered the top 1% of ESI in the world.

TYUT has 3549 teaching and administrative staff, including 2178 full-time teachers, 3 academicians of the Academy of Engineering, 1 academician of the Academy of Sciences, 244 doctoral supervisors and 1254 teachers with senior professional and technical titles

The education of international students of TYUT can date from the early 1980s, where nearly 2000 people from more than 100 countries, including the United States, France, Japan and South Korea, came to our school to study. There are 594 international students currently from more than 50 countries and regions in Asia, Africa, Europe and the United States. In addition to learning languages, the international students also can receive education in various disciplines such as undergraduate, masters, doctoral and so on.

II. Qualification of Applicant

1. Basic Requirements

Applicants must be physically and mentally healthy and free of previous history of infectious diseases and psychosis. Applicants should have complete study and work experience in their own country, good behavior and no criminal record. The applicants should be willing to learn about Chinese history and culture, should abide by the laws,

rules and regulations of the Chinese government and the school and have respect the customs and traditions of the Chinese people.

2. Identity and Nationality Requirement

The applicant must be a non-Chinese citizen with a valid foreign passport. For overseas Chinese, ethnic Chinese and Chinese citizens who migrate to foreign countries, if they apply to study in China as foreign students, they must hold valid foreign passports or certificates of nationality for more than 4 years (including), and have the actual residence record of more than 2 years in the last 4 years (up to April 30 of the enrollment year) (the actual residence in foreign countries for more than 9 months in a year can be calculated as one year, that is subject to entry and exit signature)

III. Admission Categories and Requirements

1. Educational Background and Age Requirement:

Now we are recruiting overseas students with academic qualifications (undergraduate students, postgraduate students and doctoral students) and non-degree students (preparatory students, Chinese language students) as well as general advanced students and senior advanced students. Students in all admission categories should be aged between 18 and 40. Applicants under the age of 18 are not eligible thus the date of birth should be no later than September 5, 2002)

Admission categories		Requirements for students	Educational requirements	Age requirements
Academic students with qualifications	Undergraduate students	Having completed all studies in a regular high school accredited by the Ministry of Education & got a high school certificate or diploma	High school diploma or its equivalent	Under the age of 25
	Postgraduate students	Having complete learning experience from primary school to undergraduate level, and having got bachelor's degree & graduation certificate certified by National Ministry of Education	Bachelor degree or its equivalent	Under the age of 30
	Doctoral students	Having complete learning experience from primary school to master's degree, and having got the master's degree & graduation certificate certified by the Ministry of Education	Master degree or its equivalent	Under the age of 40
Non-degree students	Preparatory students	Having complete learning experience from primary school to the highest level of education, and having got the corresponding diploma & education certification	The highest education requirements corresponding to the different levels of the students	In accordance to the level of studies being applied for.
	Chinese language students	Having complete learning experience from primary school to the highest level of education, and having got the corresponding diploma & education certification	High school graduate or above	Under the age of 40
	General advanced & senior advanced students	Having the highest diploma & certificate of study certified by the Ministry of Education	Students with bachelor degree or above. ,	Between 18-40 years

2. Language Proficiency Requirements

Teaching method of academic students		Language proficiency level requirement for admission	Language proficiency level requirements when graduating
Academic students with qualifications	Chinese language teaching	<ol style="list-style-type: none"> Score at least 200 on the NEW HSK4 70 on the HSKK (intermediate level) 	<ol style="list-style-type: none"> HSK6 of Chinese International Education major HSK5 of other majors
	English language teaching	<p>Applicants are required to meet one of the conditions 1-3 and the fourth condition below:</p> <ol style="list-style-type: none"> The applicant's mother tongue or official language is English The highest diploma is obtained through English teaching Applicant must pass the international English test: 6.0 for IELTS (Academic) and no less than 5.5 points for a single subject; 85 points in TOEFL and no less than 20 points for a single subject or providing GRE scores . Take an English test in the school after admission and pass it. 	Students must pass HSK level 3 with score of 180 or above before graduating.
Non-degree students	Preparatory students	Applicants with Chinese as the teaching language, but got no more than 200 points in HSK4, shall have a preparatory period of no less than one year.	Applicants can only enter the professional study after all the results are qualified
	Chinese language students	For short-term Chinese learners, there is no requirement on their Chinese ability.	The certificate of study shall be issued to the students who have completed their studies and passed the examination.
	General advanced & senior advanced students	For general and other course learners, the language level is subject to the specific program agreement	All results are qualified with obtained credits for relevant courses according to the agreement.

IV. Application Materials and Admission Procedures

Before March 30, 2020, applicants should log in the online service system of Taiyuan University of Technology for international students at <http://is.tyut.edu.cn> , to register personal account, fill in and upload personal information online, and the electronic version of relevant certificates and supporting documents shall be HD scanned documents of the original, photocopies shall not be accepted. The admission time for academic students is autumn semester 2020 (usually September), while the admission time for language students is spring semester and autumn semester (March and September). If the information provided is not accurate or the information uploaded is incomplete, the application will be rejected or the approval of the subsequent application will be affected. All the consequences will be the applicant's own to bare. The required materials are as follows:

	Material for academic and preparatory students	Material for language learners
2	According to the resume template and requirements, the students need to provide English and Chinese electronic version of personal resume, a complete and continuous description from primary school to the highest level of education and work experience, otherwise the application will be returned.	According to the resume template and requirements, the students need to provide English and Chinese electronic version of personal resume, a complete and continuous description from primary school to the highest level of education and work experience, otherwise the application will be returned.
3	HSK proficiency certificate or English proficiency certificate	No need to provide.
4	The original copy of the highest academic transcript, diploma and degree certificate. Transcripts, diplomas and degree certificates shall be translated into Chinese and English by an authoritative institution and sealed by the national Ministry of Education.	The original copy of the highest academic transcript, diploma and degree certificate. Transcripts, diplomas and degree certificates shall be translated into Chinese and English by an authoritative institution and sealed by the national Ministry of Education.
5	1. Recommendation letters from two high school teachers are required for bachelor degree applicants; 2. Recommendation letters from two associate professors or above from the university are required for master's and doctor's degrees applicants.(teacher and school introduction and contact information should be attached)	No need to provide.

6	Proof of financial security: no less than the equivalent of 30,000 RMB fixed funds in personal account deposit.(if there are no personal account, it can be guaranteed by relatives, cooperative schools or institutions)	Proof of financial security: no less than the equivalent of 30,000 RMB fixed funds in personal account deposit.(if there are no personal account, it can be guaranteed by relatives, cooperative schools or institutions)
7	Physical examination report (valid within 3 months before application date)	Physical examination report(valid within 3 months before application date)
8	Non-criminal record certificate	Non-criminal record certificate
9	Master's and doctoral candidates are required to submit a PDF file of their highest degree certificates.	No need to provide.
	Note: Chinese government scholarship and Confucius institute scholarship students are required according to their respective application materials. http://www.campuschina.org http://cis.chinese.cn/	Language students who pass HSK4 can log in the system again and apply for the scholarship of graduates of our school.

V. Study Expenses

	Charging items	Charging standard	
Tuition standard	Academic students	Undergraduate	RMB15000 / year
		masters	RMB18000 / year
		doctors	RMB20000/ year
	Language learning students	A semester	RMB4000/ year
		An academic year	RMB8000 / year
	Preparatory students	An academic year	RMB8000 / year
Other charging standard	Medical insurance premiums	RMB800/person/year	
	Physical examination fee	RMB 415 / person	
	Residence permit fee	RMB800/person/year	
	Accommodation	A double room	RMB400/person/month
		A triple room	RMB300/person/month
		2+2 suits	RMB350/person/month
	The accommodation deposit	RMB500/person	

Explanation:

1. According to the requirements of the Ministry of Education, international students coming to China must purchase medical insurance during their study in China, otherwise they will not be able to register as normal.

2. According to the regulations of relevant Chinese authorities, international students who come to study in China must undergo physical examination. The specific standards shall be subject to the charging standards published by Shanxi International Travel Health Care Center. Only when the physical examination meets the requirements of our school can we go through the registration procedures.

VI. Scholarship setting

1. Scholarship for graduates from Taiyuan University of Technology

The scholarship of Taiyuan University of Technology in 2020 is divided into four levels. We will evaluate the comprehensive results based on the HSK score, individual academic research ability, interview results of major, transcripts of all the semesters of the highest academic degree and the awards. Tuition fees are waived for all graduates.

The monthly living allowance standards are as follows:

Proportion set and issuing standard of scholarship living allowance of Taiyuan University of Technology					
Scholarship grade		A	B	C	D
Scholarship proportion set		15%	25%	35%	25%
Academic students	undergraduates	1500	1000	800	0
	masters	2500	1800	1500	0
	doctors	3000	2500	2000	0

The scholarship for the first academic year after registration will be awarded according to this scholarship standard. In the third semester, according to the scholarship evaluation standard of Taiyuan University of Technology, the scholarship grade shall be re-evaluated on the basis of the comprehensive evaluation score of students' education quality.

2. Scholarship for preparatory students of Taiyuan University of Technology

Preparatory students need to pay the tuition and accommodation fees for study in preparatory stage (1 academic year), and enjoy a living allowance of RMB500 per month for 10 months. Only after the Chinese language ability and professional foundation meet the major requirements, can the students apply for the scholarship of the next academic year. After the students are officially admitted as an academic student, the students can apply for the scholarship for outstanding preparatory students based on HSK4 grades, HSKK(intermediate) grades and the weighted ranking of grades is as follows;

Level	A	B	C
Percentage	30%	30%	40%
Account(RMB)	8000	5000	3000

If preparatory students do not meet the requirements of the entrance to major, you need to re-study preparatory courses, tuition fees halved, but no longer can enjoy living allowance.

3. Other kinds of scholarship

Other national scholarships, such as Chinese government scholarships and Confucius institute scholarships, shall be granted in accordance with relevant national scholarship regulations.

Chinese government scholarship application website: www.campuschina.org

Confucius institute scholarship application website: <http://cis.chinese.cn/>

VII. Admission Process

Application Process for International Students at Taiyuan University of Technology

Step 1: the applicant should log in <http://is.tyut.edu.cn> , register the personal account online, Submit the application materials and correctly input the important information such as the passport information, contact information and mailing address.

Step 2: the school examines and verify the admission qualification and student materials. Students must present the certified documents of their academic qualifications issued by the Ministry of Education and the Chinese Embassy or Consulate in the country. The scanned original should be sent through the system along with the scanned document of the highest degree and transcript of the whole semesters.

Step 3: applicants who pass the preliminary examination will attend online interviews at professional schools.

Step 4: the school determines the pre-admission list and sends the pre-admission notice by E-mail.

Step 5: students pay the registration fee.

Step 6: the admission list shall be determined. The school shall handle the approval of materials, such as JW201 or JW202 form, for the students to be admitted.

Step 7: after approval, the admission letters will be issued

Step 8: the school shall mail JW201 or JW202 form and the admission letter.

Step 9: students log in their personal accounts at <http://is.tyut.edu.cn> , and submit online application for station pick-up, accommodation and registration.

Note: Please pay attention to the website notice for the specific time of each work

The applicant will receive the following documents from our university after being accepted: admission notice, JW202/JW201 form and admission notice for the registration. The applicant shall apply to the Chinese embassy or consulate for the "X" visa in China with the ordinary passport, admission notice, “application form for visa to China for foreign students” (JW202 or JW201 form), physical examination form and other required materials. Report to the university at the time specified in the admission notice. Students are required to register with the admission notice and the materials required in the

registration notice

VIII. Address and Contact Information

School of International Education and Exchange, Taiyuan University of Technology
Address: 79 Yingze West St, Wanbailin District, Taiyuan City, Shanxi Province, China.
zip code: 030024
office phone: 0086-351-6010232
Fax No.: 0086-351-6018848
E-mail: ciee@tyut.edu.cn
Website: <http://ciee.tyut.edu.cn>

太原理工大学本科专业信息 Bachelor Programs

专业名称 Major	所在学院 College	学制(年) Duration (years)	授课语言 Teaching Language	招生人数 Enrolment	备注 Notes
International Economics and Trade	College of Economics and Management	4	Chinese/English	36	
International Chinese Education	College of Literature and Law	4	Chinese	35	
Civil Engineering	College of Civil Engineering	4	Chinese	16	
Computer Science and Technology	College of Information and Computer	4	English	17	
Architecture	College of Architecture	5	Chinese	21	

In order to optimize the education of international students in Taiyuan University of technology, in 2020, the undergraduate international student education of our university will only recruit students for the above five majors, and the rest majors will not recruit students temporarily.

太原理工大学硕士专业信息 Master Programs

机械与运载工程学院 College of Mechanical and Vehicle Engineering					
专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080100	力学	01 固体力学	3	汉语/英语	
080100		02 动力学与控制	3	汉语/英语	
080100		03 基础力学与力学交叉	3	汉语/英语	
080100		04 工程力学	3	汉语/英语	
080100		05 流体力学	3	汉语/英语	
080200	机械工程	01 机械制造及其自动化	3	汉语/英语	
080200		02 机械电子工程	3	汉语/英语	
080200		03 机械设计与理论	3	汉语/英语	
080200		04 车辆工程	3	汉语/英语	

080200		05 矿山机械及其自动化	3	汉语/英语	
专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080700	动力工程及工程热物理	01 代用燃料发动机性能与排放控制	3	汉语/英语	
080700		02 车用动力及其控制	3	汉语/英语	
080700		03 发动机现代设计与分析方法	3	汉语/英语	
085500	机械	01 机械工程	3	汉语/英语	
085500		02 车辆工程	3	汉语/英语	

材料科学与工程学院

College of Materials Science and Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080500	材料科学与工程	01 先进材料制备及加工	3	汉语/英语	
080500		02 高强度轻质合金	3	汉语/英语	
080500		03 薄膜材料及表面工程	3	汉语/英语	
080500		04 能源及环境材料	3	汉语/英语	
080500		05 材料设计及表征	3	汉语/英语	
080500		06 光电材料及器件	3	汉语/英语	
080600	冶金工程	01 钢铁冶金	3	汉语/英语	
080600		02 有色冶金	3	汉语/英语	
085600	材料与化工	01 材料工程	3	汉语/英语	

电气与动力工程学院
College of Electrical and Power Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080700	动力工程及工程热物理	01 能源系统节能环保技术	3	汉语/英语	
080700		02 煤清洁高效燃烧技术	3	汉语/英语	
080700		03 流体热物性学	3	汉语/英语	
080700		04 强化传热传质	3	汉语/英语	
080800	电气工程	01 电力系统及其自动化	3	汉语/英语	
080800		02 电机与电器	3	汉语/英语	
080800		03 电力电子及电力传动	3	汉语/英语	
081100	控制科学与工程	01 控制理论与控制工程	3	汉语/英语	
081100		02 检测技术与自动化装置	3	汉语/英语	
081100		03 模式识别与智能系统	3	汉语/英语	
085400	电子信息	01 控制工程	3	汉语/英语	

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
085800	能源动力	01 动力工程	3	汉语/英语	
085800		02 电气工程	3	汉语/英语	

软件学院 College of Software					
专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
083500	软件工程	01 软件智能化技术	3	汉语/英语	
083500		02 软件工程与服务	3	汉语/英语	
083500		03 信息与大数据工程	3	汉语/英语	
085400	电子信息	01 软件工程	3	汉语/英语	

信息与计算机学院
College of Information and Computer

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080900	电子科学与技术	01 新型纳米材料与器件	3	汉语/英语	
080900		02 传感与集成测试技术	3	汉语/英语	
080900		03 信号采集及处理技术	3	汉语/英语	
080900		04 嵌入式系统	3	汉语/英语	
080900		05 脑认知和神经计算	3	汉语/英语	
081000	信息与通信工程	01 人工智能与模式识别	3	汉语/英语	
081000		02 通信网络理论与技术	3	汉语/英语	
081000		03 信号与信息处理理论	3	汉语/英语	
081000		04 卫星定位与导航系统	3	汉语/英语	
081000		05 信号检测与识别理论	3	汉语/英语	
081200	计算机科学与技术	01 人工智能	3	汉语/英语	

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081200	计算机科学与技术	02 脑科学与智能计算	3	汉语/英语	
081200		03 模式识别与视觉大数据分析	3	汉语/英语	
081200		04 物联网与信息安全	3	汉语/英语	
081200		05 软件理论与智能优化	3	汉语/英语	
085400		电子信息	01 电子与通信工程	3	汉语/英语
085400	02 计算机技术		3	汉语/英语	

土木工程学院
College of Civil Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081400	土木工程	01 岩土工程	3	汉语/英语	
081400		02 结构工程	3	汉语/英语	
081400		03 防灾减灾工程与防护工程	3	汉语/英语	
081400		04 道路与桥梁工程	3	汉语/英语	
081400		05 土木工程材料	3	汉语/英语	
081400		06 市政工程	3	汉语/英语	
081400		07 供热、供燃气、通风及空气调节工程	3	汉语/英语	
085900	土木水利	01 建筑与土木工程	3	汉语/英语	

水利科学与工程学院
College of Hydro Science and Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081500	水利工程	01 水力学及河流动力学	3	汉语/英语	
081500		02 节水理论与技术	3	汉语/英语	
081500		03 半干旱区水资源高效利用与保护	3	汉语/英语	
081500		04 水利水电工程	3	汉语/英语	
085900	土木水利	01 水利工程	3	汉语/英语	

大数据学院
College of Big Data

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
0802J4	数据科学与技术	01 工业智能与空间信息大数据	3	汉语/英语	
0802J4		02 物联网与大数据技术	3	汉语/英语	
0802J4		03 社会治理大数据	3	汉语/英语	
085400	电子信息	01 软件工程	3	汉语/英语	

化学化工学院
College of Chemistry and Chemical Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
070300	化学	01 合成化学	3	汉语/英语	
070300		02 绿色催化和能源化学	3	汉语/英语	
070300		03 污染控制和环境化学	3	汉语/英语	
080700	动力工程及工程热物理	01 过程工业单元设备及节能技术	3	汉语/英语	
080700		02 能源动力系统优化与智能控制	3	汉语/英语	
081700	化学工程与技术	01 多相催化及材料化学	3	汉语/英语	
081700		02 煤/煤层气/生物质能源的高效利用	3	汉语/英语	
081700		03 光电催化材料及反应工程	3	汉语/英语	
081700		04 功能高分子及膜材料	3	汉语/英语	
081700		05 精细化学合成与应用	3	汉语/英语	
081700		06 无机功能材料制备与应用	3	汉语/英语	
085600	材料与化工	01 化学工程	3	汉语/英语	

矿业工程学院
College of Mining Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080100	力学	01 矿山岩石流体力学	3	汉语/英语	
080100		02 地下工程结构力学	3	汉语/英语	
080100		03 岩石动力学	3	汉语/英语	
080100		04 工程计算力学	3	汉语/英语	
081600	测绘科学与技术	01 多尺度 GIS 理论与实现技术	3	汉语/英语	
081600		02 数字城市理论与关键技术	3	汉语/英语	
081600		033S 集成技术和应用	3	汉语/英语	
081600		04 遥感图像解译机理和处理	3	汉语/英语	
081600		05 空间数据采集方法和数据处理	3	汉语/英语	
081800	地质资源与地质工程	01 煤田、油气地质与勘探	3	汉语/英语	
081800		02 地质工程与地质灾害	3	汉语/英语	

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081800	地质资源与地质工程	03 应用地球物理与地球物理勘探	3	汉语/英语	
081800		04 应用与环境地球化学	3	汉语/英语	
081800		05 地质信息工程	3	汉语/英语	
081800		06 沉积与构造地质学	3	汉语/英语	
081900	矿业工程	01 采矿工程	3	汉语/英语	
081900		02 地下工程	3	汉语/英语	
081900		03 煤矿机电工程	3	汉语/英语	
081900		04 矿物加工工程	3	汉语/英语	
085700	资源与环境	01 地质工程	3	汉语/英语	
085700		02 矿业工程	3	汉语/英语	
085700		03 测绘工程	3	汉语/英语	

环境科学与工程学院

College of Environmental Science and Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
083000	环境科学与工程	01 水污染控制与水质安全保障	3	汉语/英语	
083000		02 大气污染物减排与治理	3	汉语/英语	
083000		03 固体废弃物处理与处置	3	汉语/英语	
083000		04 生态修复与环境规划及评价	3	汉语/英语	
083000		05 环境化学与材料	3	汉语/英语	
085700	资源与环境	01 环境工程	3	汉语/英语	

数学学院
College of Mathematics

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
070100	数学	01 泛函分析及其应用	3	汉语/英语	
070100		02 偏微分方程及其应用	3	汉语/英语	
070100		03 工程计算与工业大数据	3	汉语/英语	
070100		04 运筹与决策	3	汉语/英语	
071400	统计学	01 数理统计及其应用	3	汉语/英语	
071400		02 高维统计及数据挖掘	3	汉语/英语	
071400		03 统计建模及数据分析	3	汉语/英语	
071400		04 生物统计及动力学	3	汉语/英语	

经济管理学院
College of Economics and Management

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
120100	管理科学与工程	01 能源工程管理	3	汉语/英语	
120100		02 科技与创新管理	3	汉语/英语	
120100		03 风险管理与优化决策	3	汉语/英语	
120100		04 信息管理与管理信息系统	3	汉语/英语	
120200	工商管理	01 企业管理	3	汉语/英语	
120200		02 会计学	3	汉语/英语	
120200		03 技术经济及管理	3	汉语/英语	
120200		04 物流与供应链管理	3	汉语/英语	
125100	工商管理	00 不区分研究方向	3	汉语/英语	
125300	会计	00 不区分研究方向	3	汉语/英语	
125601	工程管理	00 不区分研究方向	3	汉语/英语	
125603	工业工程与管理	00 不区分研究方向	3	汉语/英语	

体育学院
College of Physical Education

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
040300	体育学	01 体育参与的社会管控与人的发展	3	汉语/英语	
040300		02 人体体质健康促进研究	3	汉语/英语	
040300		03 体医工融合促进运动功能实现	3	汉语/英语	
040300		04 体育教育训练理论与方法	3	汉语/英语	
040300		05 高水平运动队建设与训练实践	3	汉语/英语	
040300		06 民族传统体育文化保护与开发	3	汉语/英语	
040300		07 赛马运动与产业发展	3	汉语/英语	
045201		体育教学	00 不区分研究方向	3	汉语/英语
045202	运动训练	00 不区分研究方向	3	汉语/英语	
045204	社会体育指导	00 不区分研究方向	3	汉语/英语	

煤科学与技术国家重点实验室培育基地

Cultivation base of National Key Laboratory of coal science and technology

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
070300	化学	01 合成化学	3	汉语/英语	
070300		02 绿色催化和能源化学	3	汉语/英语	
070300		03 污染控制和环境化学	3	汉语/英语	
081700	化学工程与技术	01 煤/煤层气/生物质能源的高效利用	3	汉语/英语	
081700		02 光电催化材料及反应工程	3	汉语/英语	
081700		03 功能高分子及膜材料	3	汉语/英语	
081700		04 精细化学合成与应用	3	汉语/英语	
081700		05 多相催化及材料化学	3	汉语/英语	
081700		06 无机功能材料制备与应用	3	汉语/英语	
085600	材料与化工	01 化学工程	3	汉语/英语	

原位改性采矿教育部重点实验室

In-situ Modification of Deposit Properties for improving Mining

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080100	力学	01 矿山岩石流体力学	3	汉语/英语	
080100		02 地下工程结构力学	3	汉语/英语	
080100		03 岩石动力学	3	汉语/英语	
080100		04 工程计算力学	3	汉语/英语	
081900	矿业工程	01 采矿工程	3	汉语/英语	
081900		02 地下工程	3	汉语/英语	
081900		03 煤矿机电工程	3	汉语/英语	
081900		04 矿物加工工程	3	汉语/英语	
085700	资源与环境	01 矿业工程	3	汉语/英语	

新型传感器与智能控制教育部重点实验室

Key Laboratory of Advanced Transducers and Intelligent Control System, Ministry of Education

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080300	光学工程	01 混沌激光产生及应用	3	汉语/英语	
080300		02 光纤传感技术与水温检测	3	汉语/英语	
080300		03 光电器件与光子操控	3	汉语/英语	
080300		04 微纳光电检测技术	3	汉语/英语	
080400	仪器科学与技术	01 测控技术与仪器	3	汉语/英语	
080400		02 测试传感及图像处理	3	汉语/英语	
080400		03 冰雪水文与微气象环境参数检测	3	汉语/英语	
081100	控制科学与工程	01 新型传感器、自动化仪表与检测系统的研究	3	汉语/英语	
081100		02 检测信号的获取与处理	3	汉语/英语	
081100		03 智能检测技术及装置	3	汉语/英语	
081100		04 分布式计算机控制系统	3	汉语/英语	

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081100	控制科学与工程	05 智能仪表及应用	3	汉语/英语	
085400	电子信息	01 控制工程	3	汉语/英语	
085400		02 光学工程	3	汉语/英语	
085400		03 集成电路工程	3	汉语/英语	

物理与光电工程学院
College of Physics and Optoelectronics

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
070200	物理学	01 凝聚态物理	3	汉语/英语	
070200		02 光学	3	汉语/英语	
070200		03 理论物理	3	汉语/英语	
080300	光学工程	01 混沌激光产生及应用	3	汉语/英语	
080300		02 光纤传感技术与水温检测	3	汉语/英语	
080300		03 光电器件与光子操控	3	汉语/英语	
080300		04 微纳光电检测技术	3	汉语/英语	
080400	仪器科学与技术	01 测控技术与仪器	3	汉语/英语	
080400		02 测试传感及图像处理	3	汉语/英语	
080400		03 冰雪水文与微气象环境参数检测	3	汉语/英语	
085400	电子信息	01 控制工程	3	汉语/英语	

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
085400	电子信息	02 光学工程	3	汉语/英语	
085400		03 集成电路工程	3	汉语/英语	

生物医学工程学院

College of Biomedical Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
083100	生物医学工程	01 生物力学与康复工程	3	汉语/英语	
083100		02 细胞与组织工程	3	汉语/英语	
083100		03 生物材料	3	汉语/英语	
083100		04 生物信息与生物医学精准检测	3	汉语/英语	
083100		05 生物制药	3	汉语/英语	
085500	机械	01 生物医学工程	3	汉语/英语	

马克思主义学院
College of Marxism

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
030500	马克思主义理论	01 马克思主义基本原理	3	汉语/英语	
030500		02 马克思主义中国化研究	3	汉语/英语	
030500		03 中国近现代史基本问题研究	3	汉语/英语	
030500		04 思想政治教育	3	汉语/英语	

轻纺工程学院
College of Textile Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
082100	纺织科学与工程	01 纺织材料	3	汉语/英语	
082100		02 纺织工程	3	汉语/英语	
082100		03 服装设计与工程	3	汉语/英语	

外国语学院
College of Foreign Languages

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
050200	外国语言文学	01 外语教育与第二语言习得	3	汉语/英语	
050200		02 篇章与话语研究	3	汉语/英语	
050200		03 外国文学与跨文化研究	3	汉语/英语	
050200		04 翻译理论与实践	3	汉语/英语	
055101	英语笔译	00 不区分研究方向	3	汉语/英语	
055105	日语笔译	00 不区分研究方向	3	汉语/英语	

艺术学院
College of Art

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
1305L1	设计艺术学	01 人居环境与艺术遗产研究	3	汉语/英语	
1305L1		02 视觉传达与媒体艺术研究	3	汉语/英语	
1305L1		03 产品设计与手工艺研究	3	汉语/英语	
135107	美术	00 不区分研究方向	3	汉语/英语	
135107		01 中国画	3	汉语/英语	
135107		02 油画	3	汉语/英语	
135108	艺术设计	00 不区分研究方向	3	汉语/英语	
135108		01 环境设计	3	汉语/英语	
135108		02 视觉传达与数字媒体艺术设计	3	汉语/英语	
135108		03 手工艺与产品设计	3	汉语/英语	

新材料界面科学与工程教育部重点实验室

Key Laboratory of Interface Science and Engineering in Advanced Materials Ministry of Education

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080500	材料科学与工程	01 先进材料制备及加工	3	汉语/英语	
080500		02 高强度轻质合金	3	汉语/英语	
080500		03 薄膜材料及表面工程	3	汉语/英语	
080500		04 能源与环境材料	3	汉语/英语	
080500		05 材料设计及表征	3	汉语/英语	
080500		06 光电材料及器件	3	汉语/英语	
085600		材料与化工	01 材料工程	3	汉语/英语

安全与应急管理工程学院

College of Safety and Emergency Management Engineering

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
083700	安全科学与工程	01 安全管理与系统工程	3	汉语/英语	
083700		02 应急理论与技术	3	汉语/英语	
083700		03 智能通风与粉尘防治	3	汉语/英语	
083700		04 灾害防治理论与技术	3	汉语/英语	
083700		05 能源转化安全理论与技术	3	汉语/英语	
085700	资源与环境	01 安全工程	3	汉语/英语	

建筑学院
College of Architecture

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081300	建筑学	01 建筑设计及其理论	3	汉语/英语	
081300		02 建筑技术科学	3	汉语/英语	
081300		03 建筑遗产保护理论与方法	3	汉语/英语	
083300	城乡规划学	01 城乡规划与设计	3	汉语/英语	
083300		02 聚落遗产保护规划	3	汉语/英语	
083300		03 城乡规划技术科学	3	汉语/英语	
085100	建筑学	00 不区分研究方向	3	汉语/英语	

新型碳材料研究院
Institute of New Carbon Materials

专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080500	材料科学与工程	01 薄膜材料及表面工程	3	汉语/英语	
080500		02 能源及环境材料	3	汉语/英语	
080500		03 材料设计及表征	3	汉语/英语	
080500		04 金刚石及相关碳材料	3	汉语/英语	
085600	材料与化工	01 材料工程	3	汉语/英语	

太原理工大学博士专业信息

Doctor Programs

机械与运载工程学院					
College of Mechanical and Vehicle Engineering					
专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080200	Mechanical Engineering	01 Mechatronics Electronics Engineering	3	Chinese/English	
080200		02 Mechanical Design and Theory	3	Chinese/English	
080200		03 Mechanical Manufacturing and Automation	3	Chinese/English	
080200		04 Mining machinery and automation	3	Chinese/English	
080200		05 Vehicle Engineering	3	Chinese/English	
080100	Dynamics	01 Dynamics and Control	3	Chinese/English	
080100		02 Mechanics of solids	3	Chinese/English	
080100		03 Intersection of foundation mechanics and mechanics	3	Chinese/English	

材料科学与工程学院
College of Materials Science and Engineering

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080500	Materials Science and Engineering	01 Materials physics and chemistry	3	Chinese/English	
080500		02 Material science	3	Chinese/English	
080500		03 Materials processing engineering	3	Chinese/English	

电气与动力工程学院
College of Electrical and Power Engineering

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080800	Electrical engineering	01 Motor and electric appliance	3	Chinese/English	
080800		02 Power system and its automation	3	Chinese/English	
080800		03 Power electronics and electrical drive	3	Chinese/English	
080800		04 Advanced energy technology and control engineering	3	Chinese/English	

信息与计算机学院
College of Information and Computer

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080900	Electronic Science and technology	01 Micro-nano sensing technology and devices	3	Chinese/English	
080900		02 Circuits and Systems	3	Chinese/English	
080900		03 Physical electronics	3	Chinese/English	
081203	Computer Application Technology	01 Brain Cognition and Intelligent Analysis of Medical Imaging Applications	3	Chinese/English	
081203		02 Big data system and Application	3	Chinese/English	
081203		03 Intelligent perception and Internet of things security	3	Chinese/English	

土木工程学院
College of Civil Engineering

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081400	Civil Engineering	01 Structural engineering	3	Chinese/English	
081400		02 Geotechnical engineering	3	Chinese/English	
081400		03 Fire Disaster Reduction Engineering and Protection Engineering	3	Chinese/English	
081400		04 Civil Engineering Material	3	Chinese/English	

水利科学与工程学院
College of Water Conservancy Science and Engineering

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081500	Water conservancy project	01 Hydraulics and river dynamics	3	Chinese/English	
081500		02 Water saving theory and technology	3	Chinese/English	
081500		03 Efficient use and protection of water resources in semi-arid areas	3	Chinese/English	

化学化工学院
College of Chemistry and Chemical Engineering

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081700	Chemical engineering and technology	01 Chemical Engineering	3	Chinese/English	
081700		02 Chemical process	3	Chinese/English	
081700		03 Industrial Catalysis	3	Chinese/English	
081700		04 Application of chemical	3	Chinese/English	

矿业工程学院
College of Mining Engineering

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081800	Geological resources and geological engineering	01 Mineral resource prospecting and exploration	3	Chinese/English	
081800		02 Earth Exploration and Information Technology	3	Chinese/English	
081800		03 Geological Engineering	3	Chinese/English	
081800		04 Geological Information Technology and Engineering	3	Chinese/English	
081900	Biomedical Engineering	01 In-situ modification of deposit properties for improving mining	3	Chinese/English	
081900		02 煤炭绿色高效开采	3	Chinese/English	
081900		03 煤炭高效加工利用	3	Chinese/English	
081900		04 矿山压力与岩层控制	3	Chinese/English	
081900		05 煤层气开采与矿井安全	3	Chinese/English	

环境科学与工程学院
College of Environmental Science and Engineering

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
083000	环境科学与工程	01 环境工程	3	Chinese/English	
083000		02 环境科学	3	Chinese/English	
083000		03 煤基污染物控制与综合利用	3	Chinese/English	
083000		04 节能减排与可再生能源利用	3	Chinese/English	

经济管理学院
College of Economics and Management

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
120100	管理科学与工程	01 能源工程管理	3	Chinese/English	
120100		02 科技与创新管理	3	Chinese/English	
120100		03 风险管理与优化决策	3	Chinese/English	
120100		04 复杂系统理论与应用	3	Chinese/English	

煤科学与技术国家重点实验室培育基地

Cultivation base of National Key Laboratory of coal science and technology

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
081700	化学工程与技术	01 化学工程	3	Chinese/English	
081700		02 煤高效转化催化剂及其关键技术	3	Chinese/English	
081700		03 化学工艺(煤化工)	3	Chinese/English	
081700		04 应用化学	3	Chinese/English	

原位改性采矿教育部重点实验室

In-situ Modification of Deposit Properties for improving Mining

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080100	力学	01 工程力学	3	Chinese/English	
081900	矿业工程	01 原位改性采矿	3	Chinese/English	
081900		02 煤层气开采与矿井安全	3	Chinese/English	
081900		03 煤炭绿色高效开采	3	Chinese/English	
081900		04 矿山压力与岩层控制	3	Chinese/English	

新型传感器与智能控制教育部重点实验室

Key Laboratory of Advanced Transducers and Intelligent Control System, Ministry of Education

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080300	光学工程	01 混沌激光产生及应用	3	Chinese/English	
080300		02 光纤传感与水文监测	3	Chinese/English	
080300		03 光电器件与光子操控	3	Chinese/English	
080300		04 痕量光电检测技术	3	Chinese/English	

物理与光电工程学院

College of Physics and Optoelectronics

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080300	光学工程	01 混沌激光产生及应用	3	Chinese/English	
080300		02 光纤传感与水文监测	3	Chinese/English	
080300		03 光电器件与光子操控	3	Chinese/English	

生物医学工程学院 College of Biomedical Engineering					
专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
083100	生物医学工程	01 生物力学	3	Chinese/English	
083100		02 细胞与组织工程	3	Chinese/English	
083100		03 生物系统动力学	3	Chinese/English	
083100		04 生物医学精准检验与仪器	3	Chinese/English	

新材料界面科学与工程教育部重点实验室 Key Laboratory of Interface Science and Engineering in Advanced Materials Ministry of Education					
专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
080500	材料科学与工程	01 材料物理与化学	3	Chinese/English	
080500		02 材料学	3	Chinese/English	
080500		03 材料加工工程	3	Chinese/English	

大数据学院 College of Big Data					
专业代码 Major code	专业名称 Major	研究方向 Research direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
0802J4	数据科学与技术	01 数据挖掘与分析	3	Chinese/English	
0802J4		02 云计算与大数据处理	3	Chinese/English	
0802J4		03 智能感知与模式识别	3	Chinese/English	

安全与应急管理工程学院 College of Safety and Emergency Management Engineering					
专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
083700	安全科学与工程	01 煤层气开采与矿井瓦斯防治	3	Chinese/English	
083700		02 矿井火灾机理与防治技术	3	Chinese/English	
083700		03 矿井智能通风与粉尘防治	3	Chinese/English	
083700		04 防灾减灾与应急管理	3	Chinese/English	
083700		05 安全管理与系统工程	3	Chinese/English	

医工结合创新研究院
Medical-Industrial Innovation Institute

专业代码 Major code	专业名称 Major	学科方向 Discipline direction	学制(年) Duration (years)	授课语言 Teaching Language	备注 Notes
100207	影像医学与核医学	01 心脏核医学	3	Chinese/English	
100210	外科学	01 泌尿系统肿瘤	3	Chinese/English	
081203	计算机应用技术	01 大数据系统与应用	3	Chinese/English	
083100	生物医学工程	01 生物力学	3	Chinese/English	
083100		02 细胞与组织工程	3	Chinese/English	

注：如有问题，请联系太原理工大学国际学生招生考试办公室。 邮箱： ciee@tyut.edu.cn 电话：0086-351-6010232

网址： <http://ciee.tyut.edu.cn>

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