



China Three Gorges University (CTGU), established in 2000, can be traced back to 1923, endowed with the characteristic features from the hydroelectric potential and Three Gorges culture, is questing and endeavoring on the way to becoming a high-level comprehensive provincial university with the hydroelectric feature and implementing the developing strategies of constructing, reforming, and developing. Currently, two primary discipline programs for PhD students, 20 primary discipline programs and 130 secondary discipline programs for Master students and 70 programs for undergraduates have been promoting the establishment of a comprehensive system of disciplines, covering nine fields including science, engineering, literature, medicine, economics, management, law, pedagogy and arts in CTGU.

Since 1996, our international education has been enriched with a lot of experience and great achievement. CTGU was awarded *Excellent Performance on Undergraduate Education* by the Ministry of Education in 2005, *the Most Internationalized University* by Hubei Provincial Government in 2010, the *Demonstrative Base for International Students' Education* by Ministry of Education in 2014. CTGU is the Standing Secretariat of Global University Network (N.E.W.S.), which includes over 160 members from universities, colleges and enterprises from Asia, Europe, North America, and Oceania. CTGU is also a member of the United Nations Academic Impact, which is a union of nearly 1000 colleges and universities in some 120 countries who are working cooperatively to promote global priorities, including peace, human rights and sustainable development.

A multi-cultural campus environment has also been built up with the participation of 24285 undergraduates, 3010 postgraduates, and over 1000 international students in 29 colleges on campus. Meanwhile, with the help of 1984 full-time lecturers, including 1162 professors and associate professors, 273 international visiting professors, including three Nobel Laureates and 21 academicians, and 30 full-time international teaching staffs, CTGU finds a lot of opportunities to achieve a brighter future.

For more information on CTGU, please refer to

www.ctgu.edu.cn

<http://dir.ctgu.edu.cn/index--in--detail--779>

PhD in Hydroelectric Engineering

This PhD program of study shall develop exceptional expertise in the major area. It should also provide the background and adjunct knowledge required to practice and/or teach this specialty at the highest professional level and to conduct significant research in this field. The PhD thesis shall make an original and significant contribution to engineering knowledge. It is essential that the student work with a major professor whose program, research, and professional interests lie in the same area as those of the student.

Qualification Awarded	Doctor in Hydroelectric Engineering
Faculty	College of Hydraulic & Environmental Engineering
Teaching language	English and Chinese
Duration	3 years
Start date	September
Registration Fee	RMB400
Insurance	RMB600/year
Tuition Fee	RMB25000/year
Accommodation	RMB4800/year

Research Fields for PhD in Hydroelectric Engineering

Major code, name, research direction	Supervisor
<p>081501 Hydrology and Water Resources</p> <p>01 Rainfall-runoff process simulation of drainage basin</p> <p>02 Flood forecast and regulation</p> <p>03 Water resources development, utilization and configuration</p> <p>04 Water resources sustainable utilization and management of drainage basin</p> <p>05 Environment hydrology and water environment protection</p> <p>06 Cascade hydropower stations multiple target optimal operation</p> <p>07 Hydro informatics and water management</p> <p>08 Water pollution control</p>	<p>Prof. Huang Yingping</p> <p>Prof. Zhou Yihong</p> <p>Prof. Dai Huichao</p>
<p>081502 Hydraulics and River Dynamics</p> <p>01 Numerical simulation of river</p> <p>02 hydraulic power transient process and unsteady flow</p> <p>03 model test theory and technology</p> <p>04 engineering flow simulation</p> <p>05 environment and ecology hydraulics</p>	<p>Prof. Liu Defu</p> <p>Prof. Zhou Yihong</p> <p>Prof. Dai Huichao</p> <p>Prof. Chai Junrui</p>
<p>081503 Hydraulic Structure Engineering</p> <p>01 hydraulic structure numerical analysis theory and method</p> <p>02 high dam complex rock foundation and high slope stabilization</p> <p>03 high dam anti-earthquake analysis and aseismic design</p> <p>04 dam safety monitoring, health consultation and modern recovery technique</p> <p>05 hydraulic construction materials</p> <p>06 eco-hydraulic Engineering</p>	<p>Prof. Tian Bin</p> <p>Prof. Li Jianlin</p> <p>Prof. Liu Defu</p> <p>Prof. Chai Junrui</p>
<p>081504 Hydraulic and Hydro-Power Engineering</p> <p>01 hydraulic and hydro-power engineering construction technique</p> <p>02 hydraulic and hydro-power engineering</p> <p>03 construction system simulation and resources optimum allocation</p> <p>04 modern monitoring technology and method</p> <p>05 construction diversion and closure and venture analysis</p> <p>06 hydraulic and hydro-power engineering construction management</p> <p>07 hydropower station construction and underground construction</p> <p>08 eco-hydraulics</p>	<p>Prof. Zhou Yihong</p> <p>Prof. Tian Bin</p> <p>Prof. Liu Defu</p> <p>Prof. Huang Yingping</p>

PhD of Civil Engineering

This PhD program of study shall develop exceptional expertise in the major area. It should also provide the background and adjunct knowledge required to practice and/or teach this specialty at the highest professional level and to conduct significant research in this field. The PhD thesis shall make an original and significant contribution to engineering knowledge. It is essential that the student work with a major professor whose program, research, and professional interests lie in the same area as those of the student.

Qualification Awarded	Doctor in Civil Engineering
Faculty	College of Civil Engineering & Architecture
Teaching language	English and Chinese
Duration	3 years
Start date	September
Registration Fee	RMB400
Insurance	RMB600/year
Tuition Fee	RMB25000/year
Accommodation	RMB4800/year

Research Fields for PhD of Civil Engineering

Major code, name, research direction	advisor
081401 Geotechnical Engineering 01 Rock and Soil Mechanics basic theory and method 02 rock mass engineering safety and control 03 rock mass engineering reinforcement theory and method 04 rock environmental engineering theory and method 05 special soil engineering properties and application 06 rock and earth mass stability analysis and evaluation	Prof. Li Jianlin Prof. Xu Wennian Prof. Zheng Hong Prof. Zhang Guodong
081402 Structural Engineering 01 concrete material dynamic and static force performance 02 engineering structure anti-seism and vibration control 03 durability of structure and security	Prof. Peng Gang Prof. Yu Ling
081405 Disaster Prevention and Reduction Engineering and Protective Engineering 01 slope protection basic theory and method 02 geological disaster disaster mechanism and treatment 03 geological disaster forecast and supervision	Prof. Zhang Guodong Prof. Xu Wennian
081406 Bridge and Tunnel Engineering 01 tunneling stability analysis and control 02 Bridge Structure dynamic response and vibration control	Prof. Li Jianlin Prof. Yu Ling Prof. Peng Gang

Eligibility for PhD programs:

1. Foreign passport holders;
2. Awarded Master's Degree; in good health; 40 years old or below
3. Good English proficiency. Students with basic knowledge of Chinese language will be given priority.

Application Documents for PhD programs:

1. Passport copy (photo page)
2. Academic transcripts
3. Notarized Highest Diploma (Master or above)
4. Completed CTGU application form
5. Recommendation letters from at least two associate professors or professors
6. A study plan or Research Proposal (minimum 800 words)
7. Certificate of Physical Examination

20 Primary discipline programs in Chinese Medium for Master's students

1. Hydraulic Engineering
2. Civil Engineering
3. Geological Resources and Geological Engineering
4. Mechanical Engineering
5. Electrical Engineering
6. Computer Science and Technology
7. Software Engineering
8. Business Administration
9. Management Science and Engineering
10. Basic Medicine
11. Clinical Medicine
12. Mathematics
13. Physics
14. Pedagogy
15. Chinese Language and Literature
16. Foreign Language and Literature
17. Chemistry
18. Biology
19. Ecology
20. Marxist Theory

Eligibility for Master's programs:

1. Foreign passport holders
2. Candidates in good health and no more than 40 years old
3. Awarded Bachelor's Degree in relevant fields
4. HSK level 6 or applying for one-year compulsory Chinese language learning

Application Documents for Master's programs:

1. Passport copy (photo page)
2. Academic transcripts
3. Notarized Bachelor's Degree or above
4. Completed CTGU application form
5. Certificate of Physical Examination
6. Bank statement of financial support
7. HSK level 6 certificate

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