

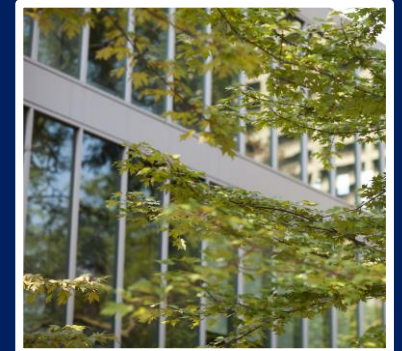
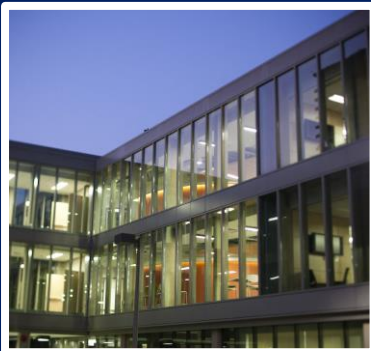


Degree and Exchange Programs
@ University of Illinois at Chicago

Professor Derong Liu
Department of Electrical and Computer Engineering

Topics for today:

- About Chicago and UIC
- UIC programs
- How to apply



City life

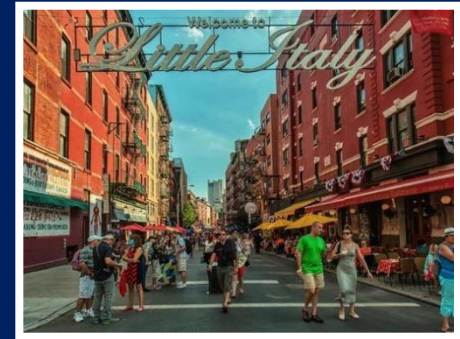


Chicago is the third-largest city in the United States

- 26 miles of lakefront
- 600 public parks
- 300 museums and art centers, 250+ theaters
- 10 million people in Chicagoland



Diverse cultures



Everyone is welcome in Chicago!

UIC is located between Greektown and Little Italy, and Chicago's thriving Chinatown is a 10-minute drive away.

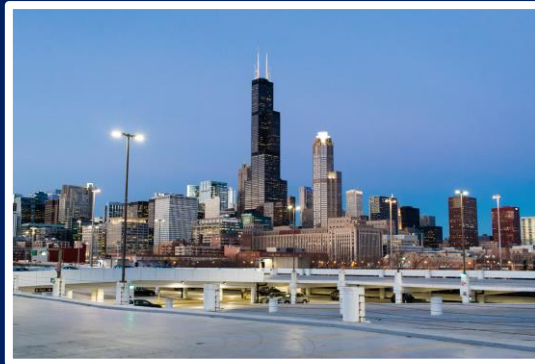


About UIC

The University of Illinois system



Urbana-Champaign



Chicago



Springfield

UIC is the system's **urban campus**, providing an excellent engineering education in the heart of a major city.

UIC facts

- More than 33,000 students
- 2,800+ faculty members
- 16 colleges
- Carnegie Research 1 university
- Annual budget exceeds \$2.1 billion
- University research budget: \$368 million
- Largest medical school in the United States

College of Engineering facts

- 5,355 students (BS, Master's, PhD)
- 195 faculty
- 41 National Science Foundation CAREER winners
- 85 fellows of professional societies

Our six departments



Bioengineering



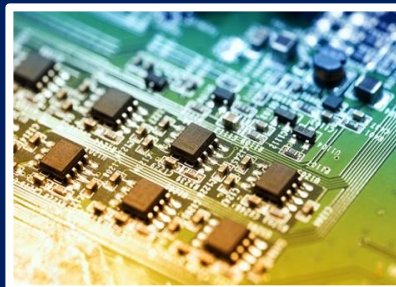
Chemical Engineering



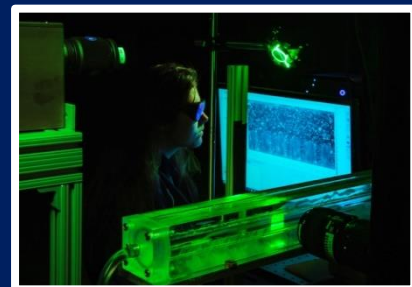
Civil, Materials, and
Environmental Engineering



Computer Science



Electrical and Computer Engineering



Mechanical and Industrial
Engineering

UIC rankings

U.S. News & World Report

- Global ranking: #204
- Ranking in the US: #132
- Engineering: #74 in the US

Wall Street Journal and Times Higher Education

- Top 10 best value
- Top 25 public university



**COLLEGE
RANKINGS**

WSJ

THE
TIMES
HIGHER
EDUCATION

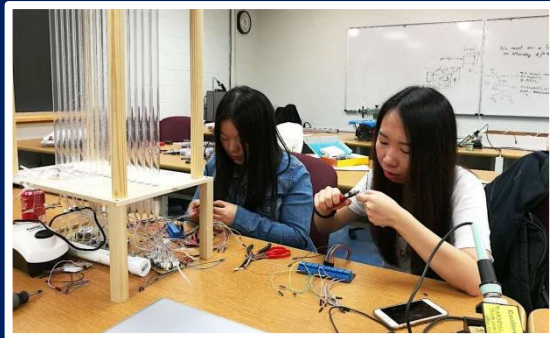
UIC rankings



U.S. News and World Report department rankings

- Electrical Engineering #68
- Computer Engineering #64
- Mechanical Engineering #56
- Industrial Engineering #71
- Chemical Engineering #61
- Civil Engineering #64
- Materials Engineering #62
- Bioengineering #45
- Computer Science #61

Academic excellence



Senior Design:

Students work in groups to
prototype a new product

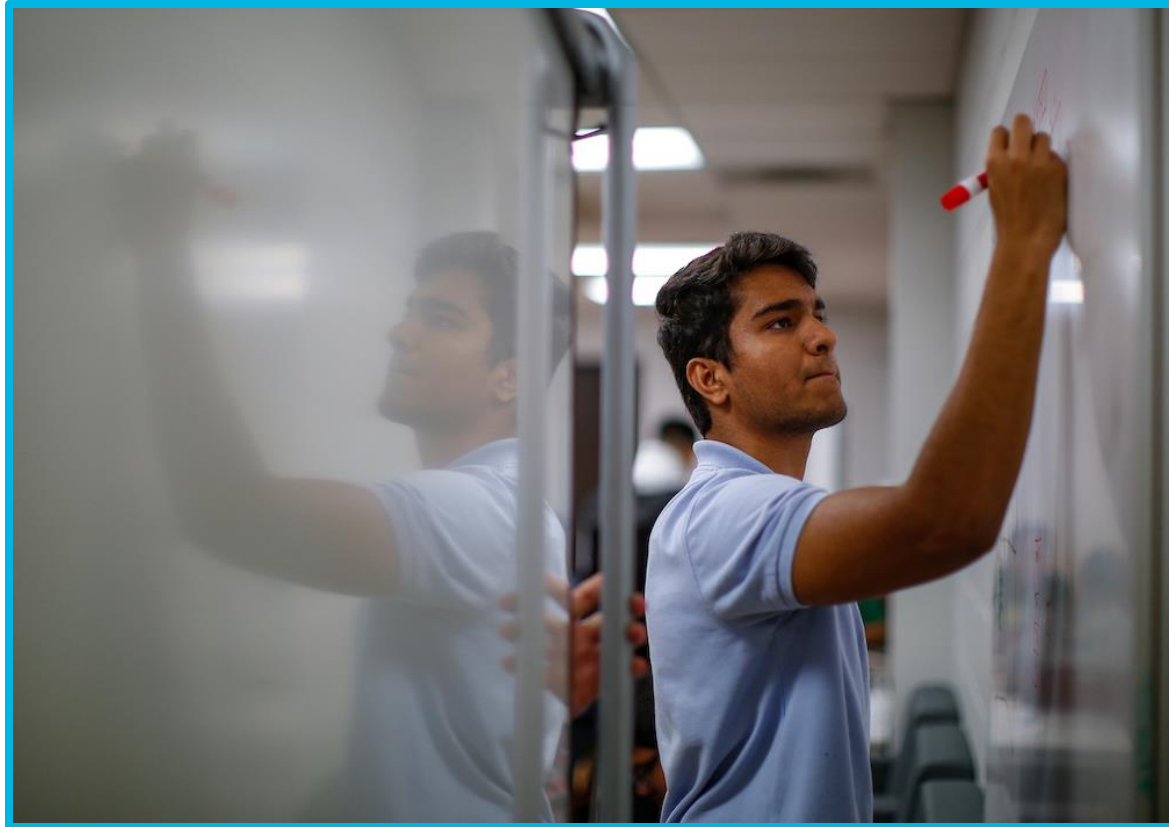
Engineering Expo:

Students present their work to industry
judges and UIC alumni

First week in April



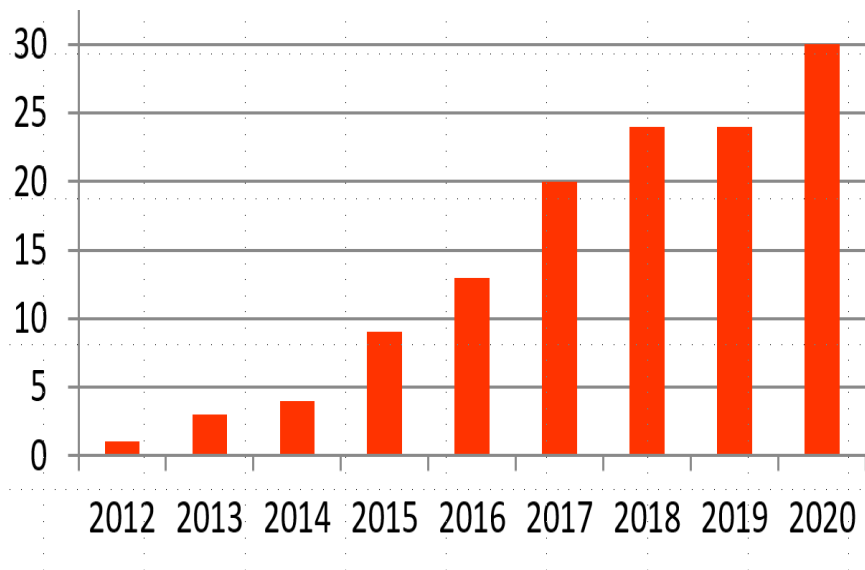




Academic programs

Who is eligible for UIC programs?

UIC works with a network of select partner universities in China.



The number of partner universities is growing, now totaling **30**.

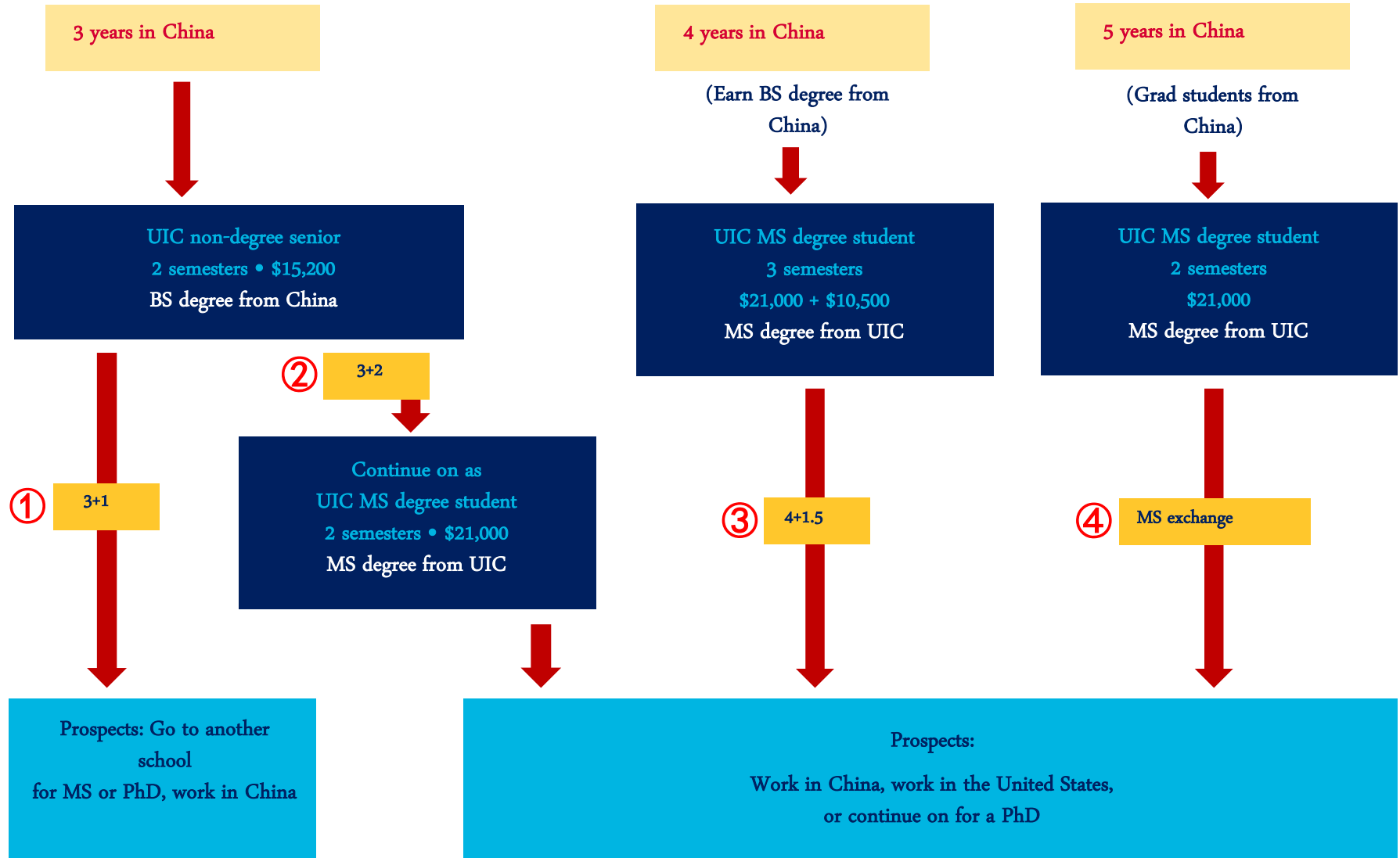
UIC's partner universities in China

- **HIT:** 哈尔滨工业大学
- **JLU:** 吉林大学
- **NEU:** 东北大学
- **DLUT:** 大连理工大学
- **USTB:** 北京科技大学
- **Yanshan:** 燕山大学
- **XJTU:** 西安交通大学
- **XidianU:** 西安电子科技大学
- **Chang'an:** 长安大学
- **HUST:** 华中科技大学
- **Tongji:** 同济大学
- **ECUST:** 华东理工大学
- **CQU:** 重庆大学
- **SWJTU:** 西南交通大学



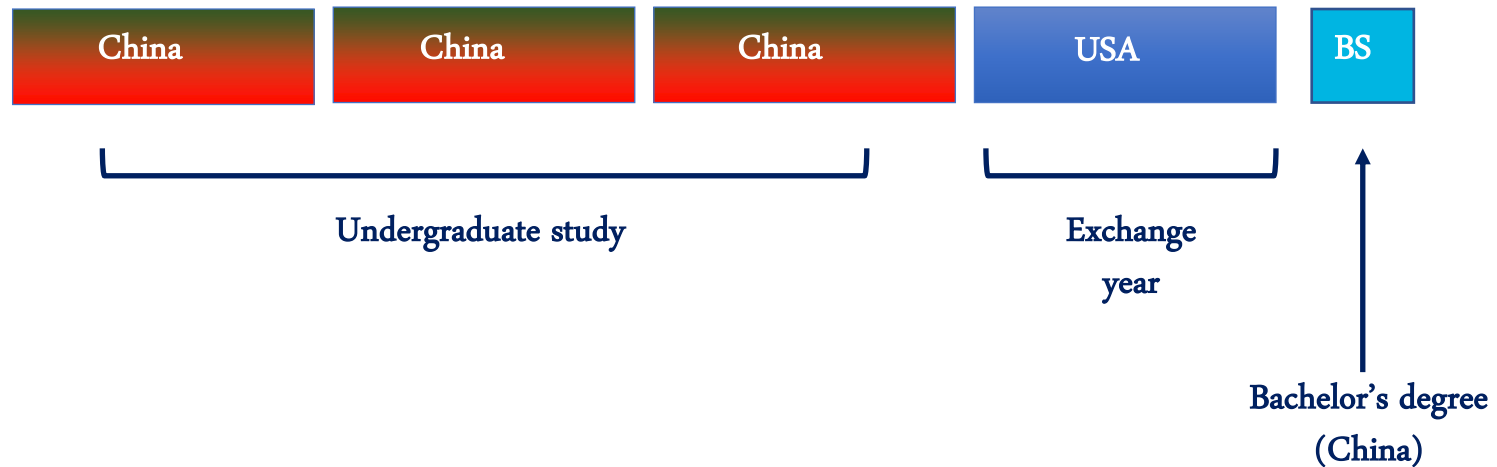
- **CUST:** 长春理工大学
- **XAUAT:** 西安建筑科技大学
- **SWU:** 西南大学
- **CQJTU:** 重庆交通大学
- **GZHU:** 广州大学
- **WUT:** 武汉理工大学
- **YNU:** 云南大学
- **WUST:** 武汉科技大学
- **NanjingTech:** 南京工业大学
- **NUAA:** 南京航空航天大学
- **HEBUT:** 河北工业大学
- **HEBUST:** 河北科技大学

Summary of UIC's four programs



Undergraduate exchange program (3+1 program)

For undergraduate students currently in their third year of study in China



Undergraduate exchange program

(3+1 program)

One year at UIC (two semesters: 2021.08 – 2022.05)

- Complete **senior design and undergraduate thesis** (cohort/mixed), supervised by experienced UIC professors. Course credits can be transferred to Chinese universities to satisfy BS requirements
- Take **graduate courses** (mixed): 4 senior/graduate courses at 400/500 levels

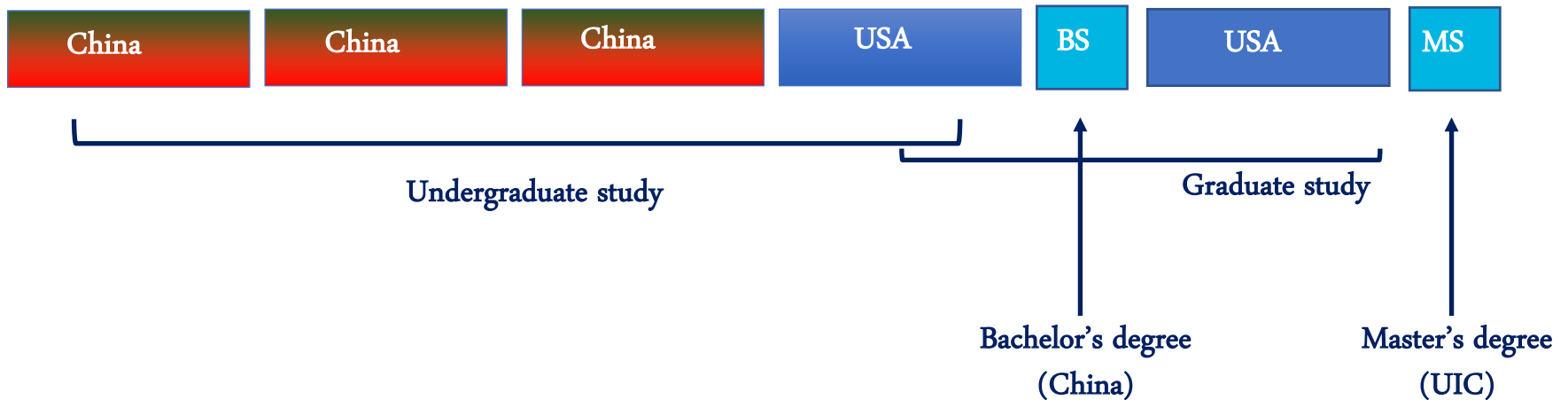
Options after 3+1

- Apply for graduate studies at another university (UIC experience will be very helpful!)
- Apply for admission to UIC and stay for MS. Benefits include simplified application procedure, with no GRE or recommendation letters required.

MS degree programs

(3+1+1 program or 3+2)

For students in 3+1 programs



MS degree programs

(3+1+1 program or 3+2)

Second year at UIC (2022.08 – 2023.05)

- Complete **graduate coursework** (5 to 6 courses; with satisfactory performance, students receive Master of Science degrees from UIC)
- Prepare **applications** for PhD programs or industry jobs

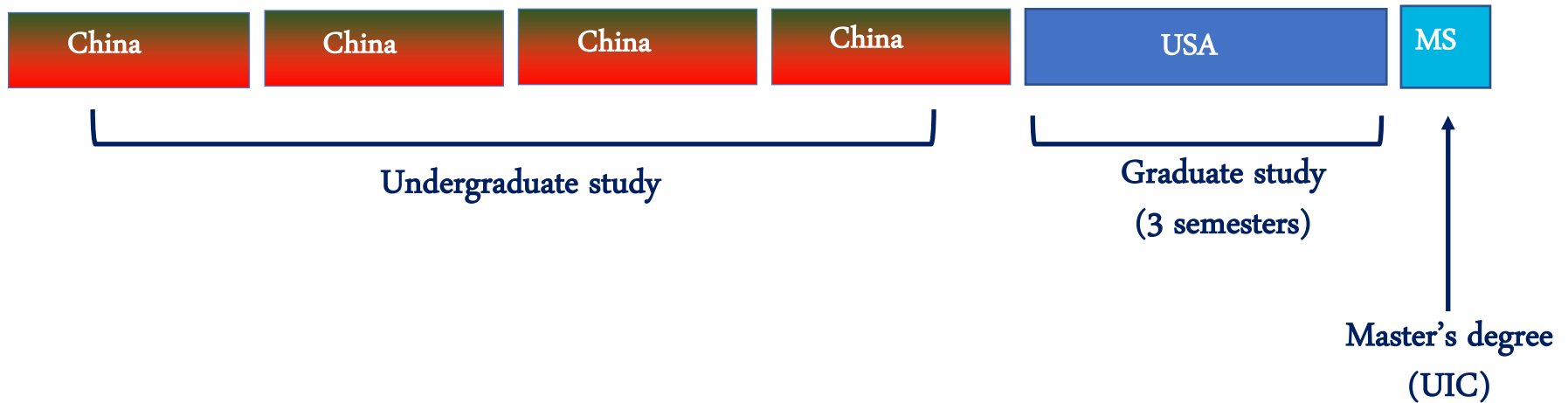
Options after 3+1+1

- **PhD study** (ideally with GPA > 3.50): Develop advanced research experience.
- **OPT (Optional Practical Training)**: STEM majors may be granted up to 36 months of OPT after graduation to remain in the United States and work.
- **Return to China**: Remain close to your family, obtain a job in China, and take advantage of special policies of the Chinese government.

MS degree programs

(4+1.5 program)

For students currently in their final year of study in China



MS degree programs

(4+1.5 program)

Three semesters at UIC (three semesters: 2021.08 – 2022.12)

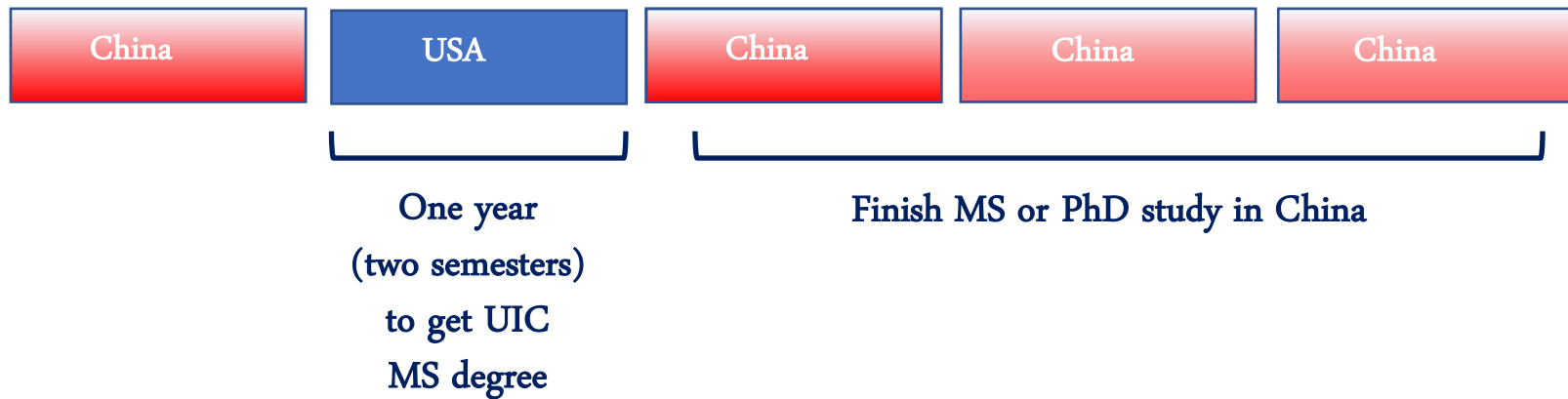
- Complete **graduate coursework** (9 to 10 courses; with satisfactory performance, students receive Master of Science degrees from UIC)
- Prepare **applications** for PhD programs or industry jobs

Options after 4+1.5

- Same as 3+1+1.

Master's exchange program

For current graduate students from China (MS and PhD students)



Benefits of UIC programs

Advantage #1: Save time

- Receive the same MS degree in less time, because you started graduate courses in the fourth year of undergraduate study.
- To earn a BS and MS degree, it normally takes 6.5 to 7 years in China and 5.5 years in the United States.
- In the 3+1+1 program, you receive a BS and MS degree in **five years!**
- In the MS exchange program, you earn a UIC MS degree in **less than a year!**

Benefits of UIC programs

合人民币每
年约20万元

Advantage #2: Save money

- UIC offers discounted tuition to partner universities, comparable to in-state rates and much lower than out-of-state rates.
- International students: \$29,166/year
- 3+1 program: \$15,200/year
- MS program: \$21,000/year
- Fees (for all students): \$4,686/year
- International student orientation: \$149 one-time fee

Note: Tuition data are as of fall 2020 and are subject to change.

Benefits of UIC programs

Advantage #3: Future academic success

- Many graduates of UIC programs go on for PhD study at prestigious universities around the world.
- | | |
|--|---|
| <ul style="list-style-type: none">• Columbia University | <ul style="list-style-type: none">• University of Notre Dame |
| <ul style="list-style-type: none">• Duke University | <ul style="list-style-type: none">• University of Pennsylvania |
| <ul style="list-style-type: none">• Hokkaido University | <ul style="list-style-type: none">• University of Southern California |
| <ul style="list-style-type: none">• Johns Hopkins University | <ul style="list-style-type: none">• University of Waterloo |
| <ul style="list-style-type: none">• New York University | <ul style="list-style-type: none">• Vanderbilt University |
| <ul style="list-style-type: none">• Northwestern University | <ul style="list-style-type: none">• Virginia Tech |
| <ul style="list-style-type: none">• Politecnico di Milano | |
| <ul style="list-style-type: none">• Texas A&M University | |

Benefits of UIC programs

Advantage #4: Career success

- More than 400 companies have hired UIC engineering students in the last three years.



Benefits of UIC programs

Advantage #5: Student support

- UIC offers a **free English intensive training course (required course)** to help students improve their written and spoken English, build their engineering vocabulary in English, and feel at home in Chicago and the rest of the United States.
- UIC Engineering offers **support with CPT and OPT** for students who are interested in holding internships and working for a period of time in the United States after MS degree.
- UIC's **Office of Programs for International Partnerships** helps to coordinate a smooth transition for Chinese students who decide join UIC and provide support throughout the program.



How to apply

Admissions requirements: 3+1

- Academic background: Same/similar field of study as you intend to study at UIC
- Minimum GPA: 3.0 out of 4.0 or **determined by your home university**
- Pass UIC **PIP** English test: Listening, speaking, reading, writing
- Proof of family income/finances

Fields of study: 3+1 program

Bioengineering

Bioinformatics

Chemical Engineering

Civil Engineering

Electrical and Computer Engineering

Industrial Engineering

Mechanical Engineering

If accepted to the 3+1 program, you will become visiting students, exchange students, or non-degree students, officially registered at UIC.

Electrical and Computer Engineering

- **电气与计算机工程系：计算机、信息、通信、电子、电气、光电、自动化、控制等**
- **Master of Science in Electrical and Computer Engineering**

Mechanical and Industrial Engineering

- **机械与工业工程系：机械、制造、动力、能源、汽车、车辆、工业、物流等**
- Master of Science in Mechanical Engineering
- Master of Science in Industrial Engineering

Bioengineering

- **生物工程系：包括生物医学工程**
- **生物信息学**
- Master of Science in Bioengineering
- Master of Science in Bioinformatics

Admissions requirements: MS degrees (4+1.5 and MS exchange)

- Academic background: Same/similar field of study as you intend to study at UIC
- Minimum GPA: 3.0 out of 4.0
- Pass UIC TIE **ELPA** test: Listening, speaking, reading, writing
- Or, pass **IELTS 6.5** (6.0+ for each subject) or **TOEFL 80** (L17, R19, S20, W21)
- Proof of family income

Fields of study: MS programs

Bioengineering

Bioinformatics

Chemical Engineering

Civil Engineering

Electrical and Computer Engineering

Environmental Engineering

Industrial Engineering

Materials Engineering

Mechanical Engineering

Note: Students seeking an MS degree must earn a GPA of 3.0 or better in the UIC program to receive the degree.

Admissions requirements: 3+1 continue to MS (3+2)

- Academic background: Same/similar field of study as you intend to study at UIC
- Minimum GPA: 3.0 out of 4.0
- Take and pass UIC TOEFL course in Spring 2022 if you cannot pass ELPA/IELTS/TOEFL by **Dec. 15, 2021**. IELTS 6.5 (6.0+ for each subject) or TOEFL 80 (L17, R19, S20, W21)
- Proof of family income/finances

Fields of study: MS programs

Bioengineering

Bioinformatics

Chemical Engineering

Civil Engineering

Electrical and Computer Engineering

Environmental Engineering

Industrial Engineering

Materials Engineering

Mechanical Engineering

Note: Students seeking an MS degree must earn a GPA of 3.0 or better in the UIC program to receive the degree.

Admissions timeline

December – March

- Submit [application](#) to your university in China
- Take [UIC English test](#)

April

- UIC makes [admissions decisions](#)

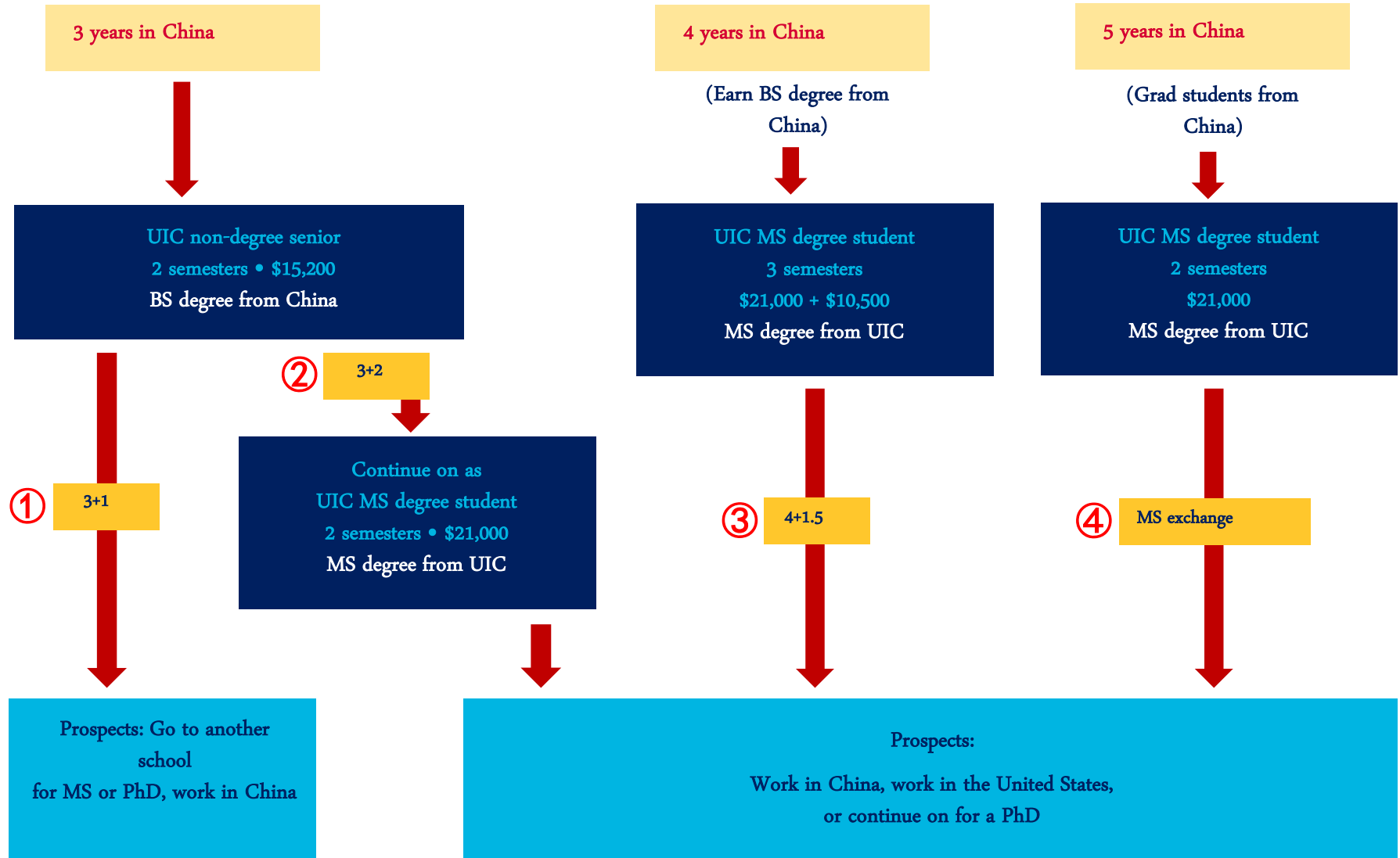
May – July

- Receive UIC's I-20 forms, UIC visa training in China and apply for [F-1 visa](#)

August

- Fly to Chicago in mid-August, attend orientations, and become a UIC student! Classes begin in late August.

Summary of UIC's four programs



We look forward to
welcoming you to UIC!



请提供
你的：
姓名、
学校、
专业、
年级

Connect with us!

WeChat: UIC-Engineering-32