



浙江大学伊利诺伊大学厄巴纳香槟校区联合学院
Zhejiang University-University of Illinois at Urbana Champaign Institute

Innovative Engineering Education

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Dean, ZJU-UIUC Institute

07 Dec. 2018

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Facts of Zhejiang University



Arts & humanities, social sciences; sciences; engineering; information technology; agriculture, life & environment sciences; medicine;



7 affiliated hospitals, more than 10 teaching hospitals



5 campuses in Hangzhou, 1 campus in Zhoushan, 1 campus in Haining

Facts of Zhejiang University

Faculty and Students (Dec,2017)



24878

Undergraduates(full-time)



6,843

International
Students



28795

Graduate Students
(Including 10747 Ph.D.
Candidates)



3611

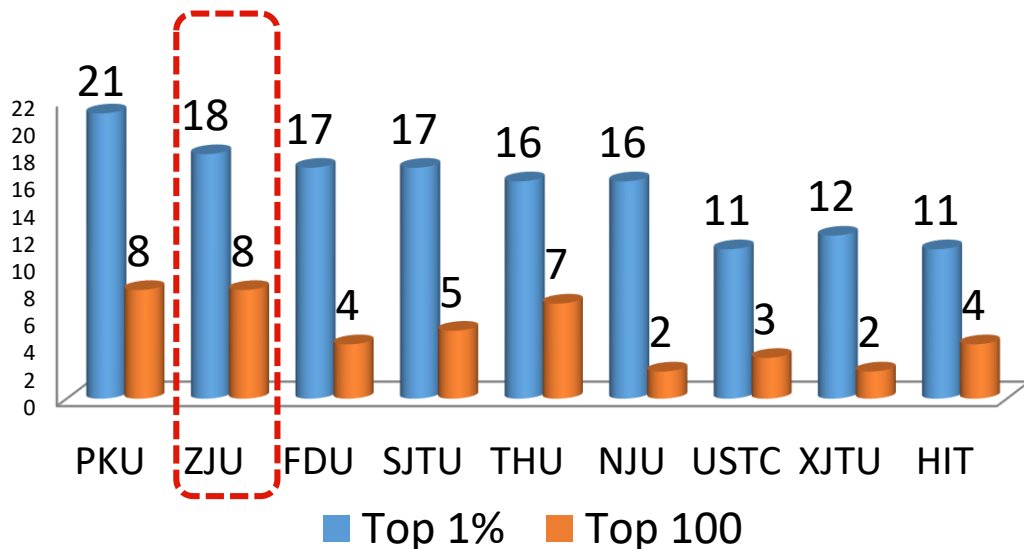
Faculties



Total students: **53673**

Facts of Zhejiang University

ESI Data



According to the data released by ESI, as of September 2017, 18 disciplines ranked top 1% among world-class academic institutions, and 8 ranked top 100 including the Agricultural Science, Chemistry, Computer Science, Engineering, Materials Science, Mathematics, Pharmacology, Plant & Animal Science.

Facts of Zhejiang University

▲ The most entrepreneurial region in China

The most active private economy in China

- Population: **55** million;
- the **4th** of GDP total and the **5th** of per capita in China;
- Private enterprises: **780,000**
- **1 enterprise / 70 people**



- the largest private automobile corp in China
- Taking a stake of **Volvo**

- Founded in 1999 by Jack MA;
- E-commerce, B2B and B2C internet trade, internet finance, etc.
- Listed in **the New York exchange, the market value is about 236 billion U.S. dollars**

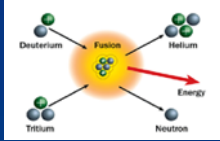


21世纪工程问题挑战

21st Century Grand Challenges For Engineering



**Inexpensive
Solar Energy**
低成本太阳能



**Energy from
Fusion**
聚变能源



**Carbon
Sequestration Method**
碳吸存



**Nitrogen
Cycle**
氮循环

**Secure
Cyberspace**
网络空间安全



**Access to
Clean Water**
清洁的饮用水



**Restore and Improve
Urban Infrastructure**
修复改善城市设施



**Advanced Health
Informatics**
先进健康信息学



**Better
Medicines**
更好的医药



**Brain Reverse
Engineering**
大脑逆向工程



**Prevent
Nuclear Terror**
预防核威胁



**Enhance Virtual
Reality**
增强虚拟现实



**Advance Personalized
Learning**
个性化学习



**Engineering the Tools
Of Scientific Discovery**
设计科学发现工具

.....

Challenges of the 21st Century 21世纪的挑战

- Technology advancement brings unprecedented interconnectivity

科技的进步带来史无前例的互联性

- The world is getting smaller yet the scale and complexity of issues and problems are getting bigger

世界在变小，但问题的规模和复杂性在变大

- We are confronted with more and more novel situation and ill-defined problems

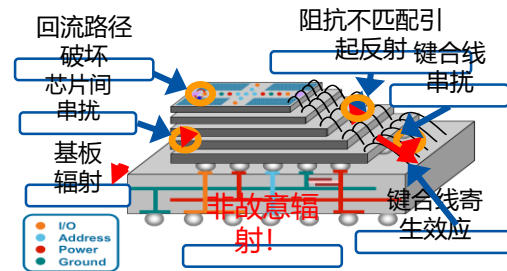
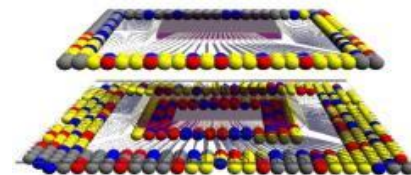
我们面临着越来越多的新情况和不明确的问题

- We are also facing fewer moral certainties and more moral dilemmas

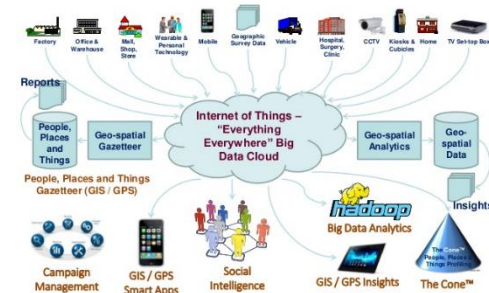
我们也面临着更多的道德不确定性和困境

Courtesy of Prof. Lap-Chee Tsui

香港大学前校长徐立之院士

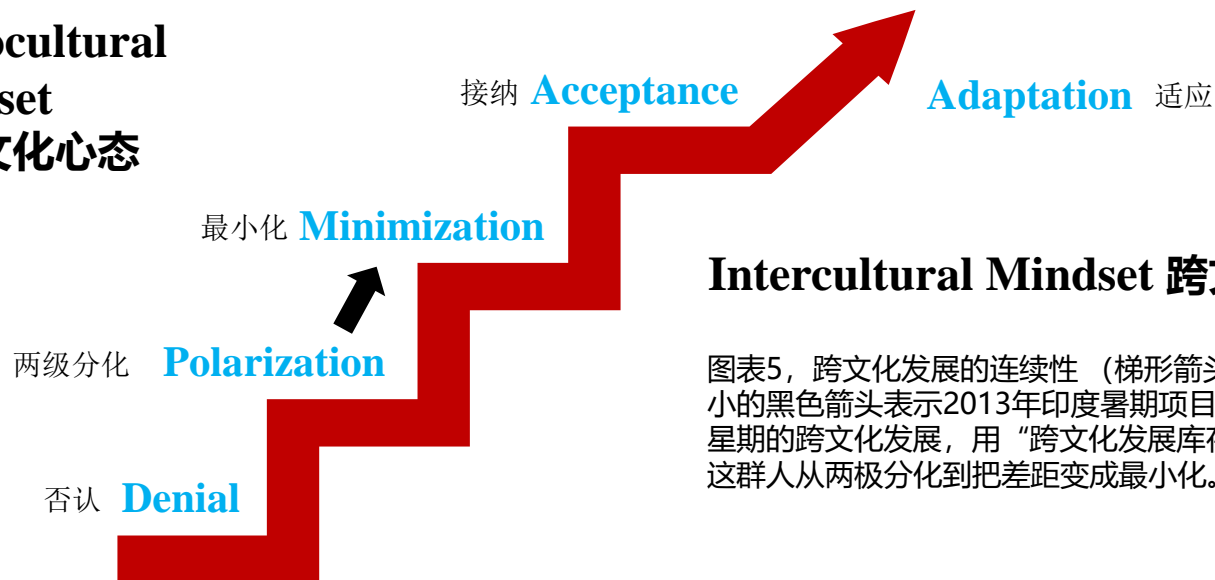


The Internet of Things



Intercultural Development Continuum 跨文化发展的连续性

**Monocultural
Mindset
单一文化心态**



Intercultural Mindset 跨文化心态

图表5, 跨文化发展的连续性 (梯形箭头)。
小的黑色箭头表示2013年印度暑期项目前后六个星期的跨文化发展, 用“跨文化发展库存”测量 (Hammer, 2014) 。
这群人从两极分化到把差距变成最小化。

Intercultural Development Continuum(Ladder type arrow). The small black arrow shows the intercultural development of the 2013 cohort before and after the 6-week India summer program, measured using the intercultural Development Inventory(IDI; Hammer 2014). The cohort transitioned from polarization to the cusp of minimization.

Anu Ramaswami, Armistead Russell, Marian Chertow, et al.”
International, Interdisciplinary Education on Sustainable Infrastructure
and Sustainable Cities: Key Concepts and Skills,” The Bridge Fall 2014

China's engineering discipline development

- **China is in a new period of industrial development and economic transformation.**

- **New Engineering Concept.**

Student-centered / Lifelong Learning / Cross-disciplinary / Explore how things work/ Catch up with the pace of technological development

- **The talent structure of new engineering.**

Lack of world leaders in engineering/ Lack of craftsman/ Lack of talent in basic, emerging, high-end technology areas.

- **Knowledge system of new engineering.**

Knowledge on engineering education is out of date, out of touch with practice and social needs/ The elaborate division of the engineering subjects

- **Education system of new engineering.**

Dramatic changes in teaching methods and modes, teaching environment and conditions etc.



21世纪的工程师教育

Educating Engineers For The 21st Century 2



我们的学生需要怎样的关键技能

What are the critical skills our students need

- 在某一领域的技术深度
- 创造力和创新性
- 企业家精神
- 沟通技巧
- 能够在不同团队中进行良好的工作
- 全球性的知识和经验
- 致力于终身学习

- Technical depth in a particular field
- Creativity and innovation
- Entrepreneurial outlook
- Communication skills
- Ability to work well as a member of diverse team
- Global knowledge and experience
- Commitment to life-long learning

Courtesy of Prof. Venky Narayanamurti , Former Dean of Harvard
School of Engineering 哈佛工程学院院长

	1990	2020	2050
China	Track & Learning	Big Manufacturer	Strong Manufacturer
Industry	Automation	Intelligence	Intelligence, new sources of energy
Tech world	Nano	Quantum, Gene	Thinking Science (Unification of idealism and materialism?)
Zhejiang University	Research University	World-Class University – Innovation Education	Top University- educating top students

Courtesy: 2017 Engineering Education Forum



1

Institute Introduction

Thinking in the era of globalization:

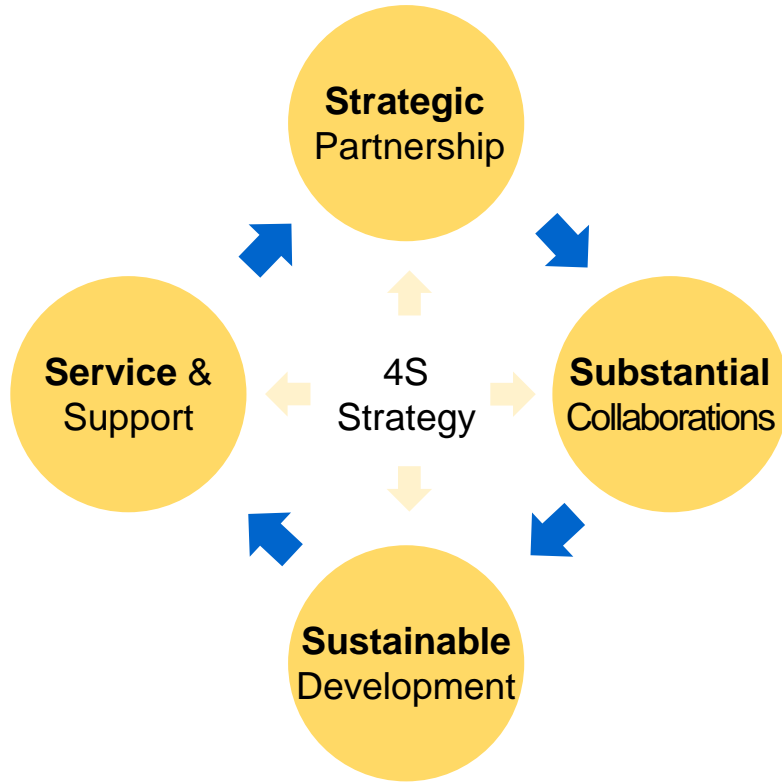
What kind of education should be provided?
What kind of knowledge student need?
What kind of abilities to be equipped with?

The mission of ZJU-UIUC Institute:

- ❖ Explore global collaboration for high education;
- ❖ Break traditional engineering boundaries, cultivating new engineering elites;
- ❖ Stand in China, blending Chinese and Western education essence, cultivating international leaders with global views.



International Strategy of Zhejiang University



1. Enhancing global competitiveness of disciplines
2. Increasing international level of education
3. Advancing internationalization of the faculty
4. Forging higher-level international collaborations
5. Developing the capacity for international service and support

21st Century Engineering Grand Challenges
+
Innovative Engineering High Education
=

ZJU-UIUC Institute



The ZJU-UIUC Institute is a new cooperatively-run engineering college approved by Ministry of Education at February, 2016. By introducing engineering curricula and resources from UIUC, complemented with contributions from counterpart colleges from ZJU, ZJU-UIUC Institute provides a world-class engineering education.

208 alumni: members of
Chinese Academy of Science
and Engineering



Zhejiang University (ZJU)

- ❖ one of China's oldest, and most prestigious institutions
- ❖ Chinese Ministry of Education Double First-Class University
- ❖ member of the Association of Pacific Rim Universities
- ❖ 2016 US News & World Report world university ranking, engineering ranks 4

24 Nobel Memorial Prize Laureates
28 Pulitzer Prize Winners



University of Illinois at Urbana-Champaign (UIUC)

- ❖ public research university and the flagship institution of the University of Illinois System
- ❖ participant in the Big Ten Academic Alliance
- ❖ Public Ivy and called the Big Three of American public universities together with UC Berkeley and University of Michigan
- ❖ 2016 Shanghai Academic Ranking of World University, engineering ranks world 4

发展历程

Sep. 2013

ZJU and UIUC
signed a strategic
cooperation
agreement

Feb.1, 2016

The Ministry of
Education approved
the ZJU-UIUC
Institute



Sep.10, 2016

The Class of 2020
(30 undergraduates)



Sep.10, 2018

The Class of 2022 (155
undergraduates, 14 Ph.D.)

Nov.6, 2014

ZJU submits an
official request to
the People's
Government of
Zhejiang to establish
the ZJU-UIUC
Institute

Apr.11, 2016

The ZJU-UIUC Institute
launch ceremony was held



Sep.15, 2017

The Class of 2021 (144 undergraduates, 12
Ph.D.)





- By cross-disciplinary English education, cultivate **engineering leaders with global vision**
- Based on **frontier engineering cross-disciplinary research**, form cross-disciplinary engineering and science research base)
- Within five years, build **engineering science research platform** based on three cross disciplines
- Taking undergraduate education **oriented talent training mode**, grant double degrees, explore and implement new degree award system based on cross disciplines.

1.3 Institute Organization Chart



ZJUI



Dean:
LI Erping



Executive Dean:
Philip Krein





Yang Wei

Academician of the Chinese Academy of Sciences, a member of the Third World Academy of Sciences, and a Foreign Member of the National Academy of Engineering (USA).



Thomas Magnanti

Institute Professor and former Dean of Engineering at Massachusetts Institute of Technology (MIT), and the Former SUTD President.



Venky Narayanamurti

Former Dean of Engineering at Harvard University. He is member of the National Academy of Engineering, USA, the Royal Swedish Academy of Engineering Sciences, and the American Academy of Arts and Sciences.



Dim-Lee Kwong

Executive Director of the Institute for Infocomm Research (I2R) and Institute of Microelectronics (IME), Agency for Science, Technology and Research (A*STAR), Singapore and a Chair Professor at the National University of Singapore (NUS).



Huang Wei

Executive Vice President of North-West Polytechnic University, China. He was elected as Academician of the Chinese Academy of Sciences in 2011 and as a foreign academician of the Russian Academy of Sciences in 2016.



Wei Shyy

Executive Vice-President, Provost and President-elect of the Hong Kong University of Science and Technology (HKUST). He is currently a Chair Professor of Mechanical and Aerospace Engineering



2

Major Construction and Development

Innovative Education



Dual degree

Bachelor of ZJU

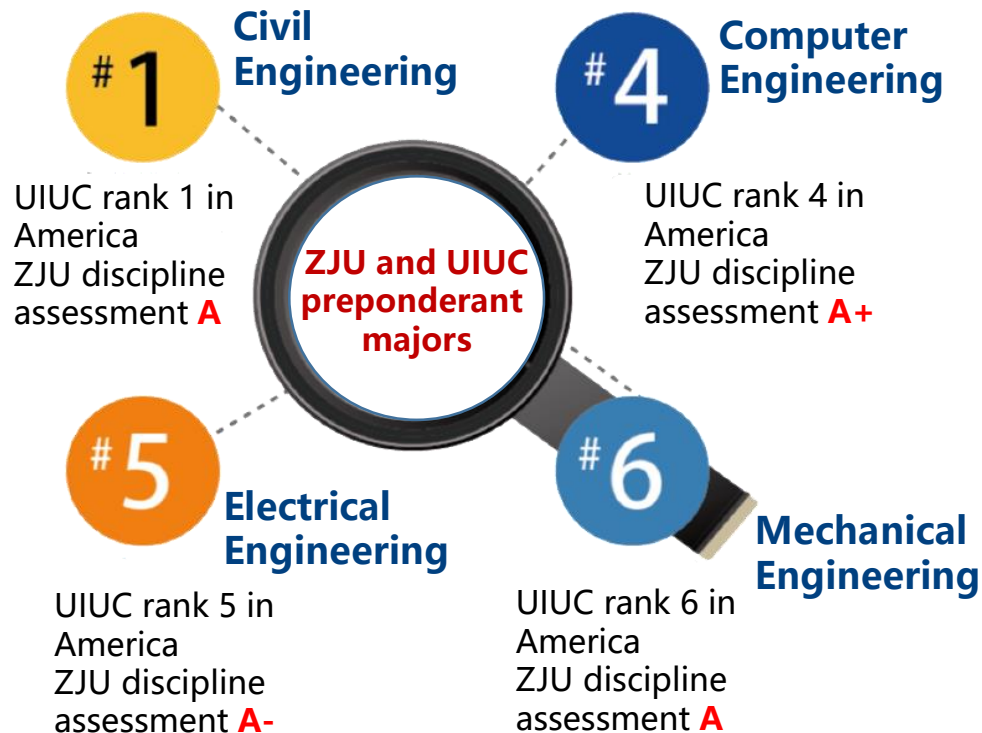
Bachelor of UIUC

4+0 mode, English



Manufacturing	Structure	Electrification	Computer
Dynamic System	Environment	Microelectronic	Electronics
Mechanics	Water Resource	Control	Communication
	Transportation	Optics	

ZJU and UIUC Preponderant Major Collaboration



Basically refer to UIUC academic requirements and standards, develop major training plan, curriculum, quality standard and guarantee system, which meet the graduation requirements of UIUC and ZJU.

1 Foundational Mathematics and Science

2 Technical Core

3 Technical Electives

4 Free Electives

5 Liberal Education

6 Compulsory General Education Course (30.5 credits)



ZJUI EE training plan
(128+30.5credits):

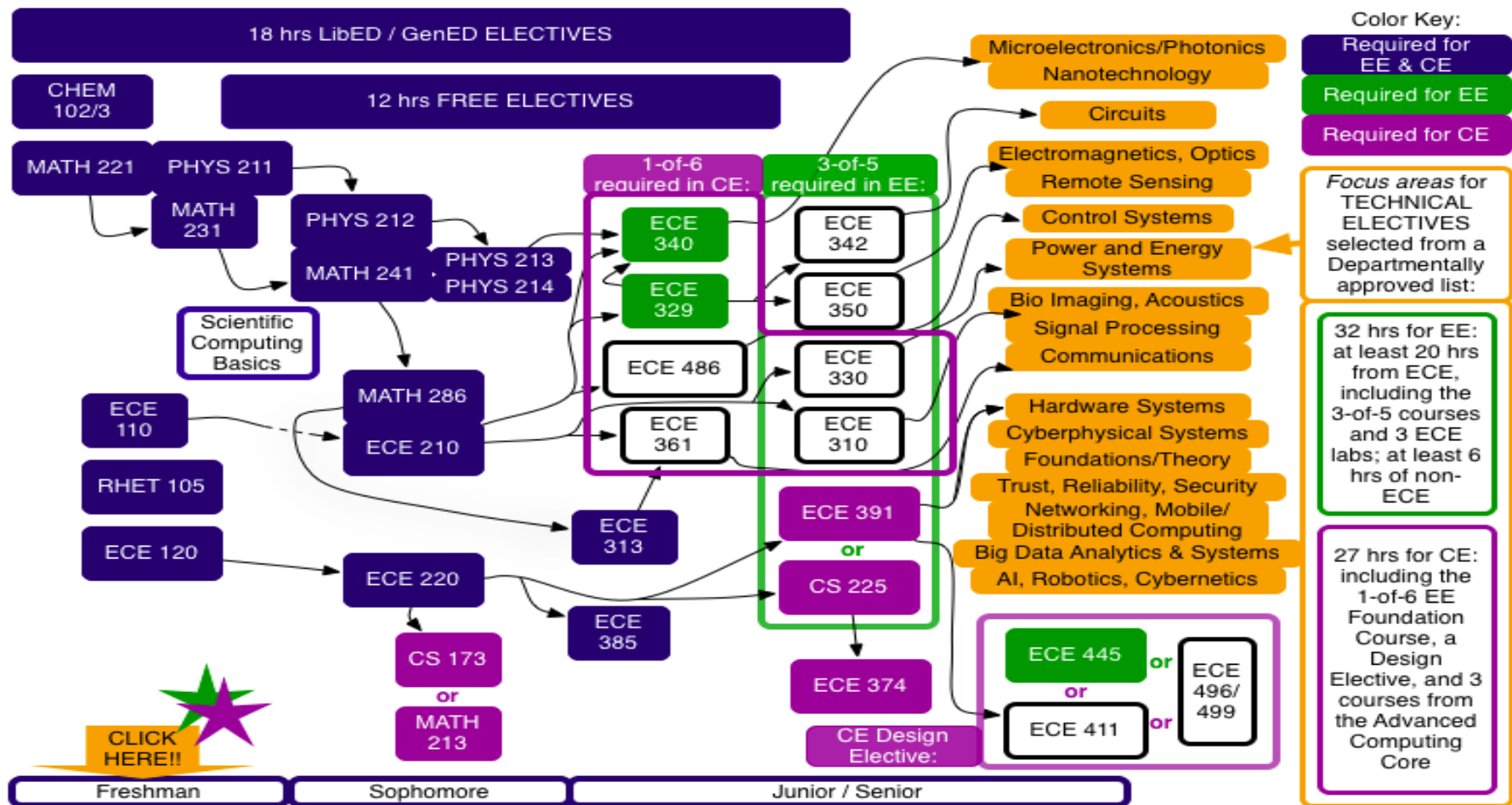
$$\textcircled{128} + \textcircled{30.5}$$

**teaching credits by ZJUI:ZJU:UIUC
Instructors =1/3: 1/3: 1/3**

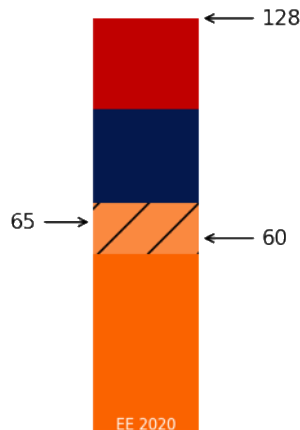
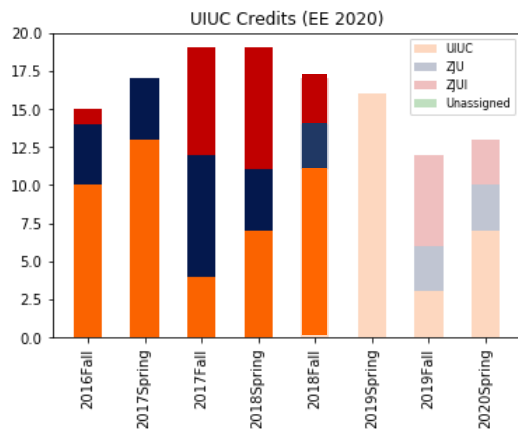
2.2 Course Map for Electrical and Computer Engineering



ZJUI



- **Exchange to UIUC in SP 2019 semester**
- EE ELEC's are decided upon by exchange and ZJUI faculty. Should be chosen to allow CompE and MechSE students to satisfy elective requirements.
- EE TECH's are chosen from MechSE and CEE courses taught by UIUC or ZJUI
- **Note:** Current UI-taught count is 6 credits high



FA 2016 (15)

CHEM 102/103 (3+1)
CS 101 (3)
 ENGR 100 (1)
MATH 221 (4)
RHET 101 (3)

FA 2017 (19)

ECE 220 (4)
 ECON 101 (4)
 MATH 213 (3)
 MATH 241 (4)
 PHYS 212 (4)

FA 2018 (17)

ECE 310/311 (3+1)
ECE 329 (3)
 ECE 340 (3)
ECE 342/343 (3+1)
 GEN ED2 (3)

FA 2019 (12)

ECE 345 (3)
EE ELEC (3)
 EE LAB (3)
 GEN ED3 (3)

ECE 110 (3)
ECE 120 (4)
 ENGR 199 (0)
MATH 231 (3)
 PHYS 211 (4)
RHET 102 (3)

CS 225 (4)
 ECE 210 (4)
 ENG 200 (0)
ENGL 115 (3)
 MATH 286 (4)
 PHYS 213/214 (2+2)

ECE 313/314 (3+1)
ECE 330 (3)
ECE 385 (3)
EE TECH (3)
URBANA
GEN ED5 (3)

ECE 445 (4)
EE ELEC (3)
 EE LAB (3)
 GEN ED6 (3)

SP 2017 (17)

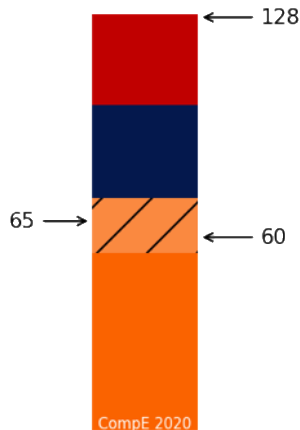
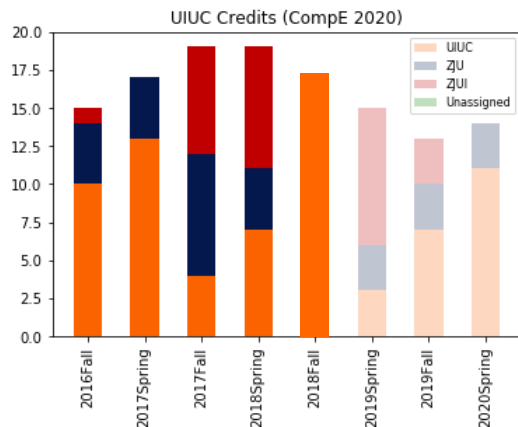
SP 2018 (19)

SP 2019 (16)

SP 2020 (13)

TERM
IN

- **Exchange to UIUC in FA 2018 semester**
- COMPE ACE are decided upon by exchange and ZJUI faculty. Should be chosen to allow EE and MechSE students to satisfy elective requirements
- COMPE TECHs are chosen from MechSE and CEE courses taught by UIUC or ZJUI
- **Note:** Current UI-taught count is 8 credits high



FA 2016 (15)

CHEM 102/103 (3+1)
CS 101 (3)
 ENGR 100 (1)
MATH 221 (4)
RHET 101 (3)

FA 2017 (19)

ECE 220 (4)
 ECON 101 (4)
 MATH 213 (3)
 MATH 241 (4)
 PHYS 212 (4)

FA 2018 (17)

COMPE ACE1 (3)
COMPE TECH1 (3)
ECE 374 (4) TERM
EE 391 (4) IN
GEN ED5 (3)
URBANA

FA 2019 (13)

COMPE TECH3 (3)
ECE 313/314 (3+1)
 ECE 345 (3)
 GEN ED3 (3)

ECE 110 (3)
ECE 120 (4)
 ENGR 199 (0)
MATH 231 (3)
 PHYS 211 (4)
RHET 102 (3)

CS 225 (4)
 ECE 210 (4)
ENGL 115 (3)
 MATH 286 (4)
 PHYS 213/214 (2+2)

COMPE ACE2 (3)
 COMPE TECH2 (3)
ECE 329 (3)
 ECE 385 (3)
 GEN ED2 (3)

COMPE TECH4 (3)
ECE 411 (4)
ECE 445 (4)
 GEN ED6 (3)

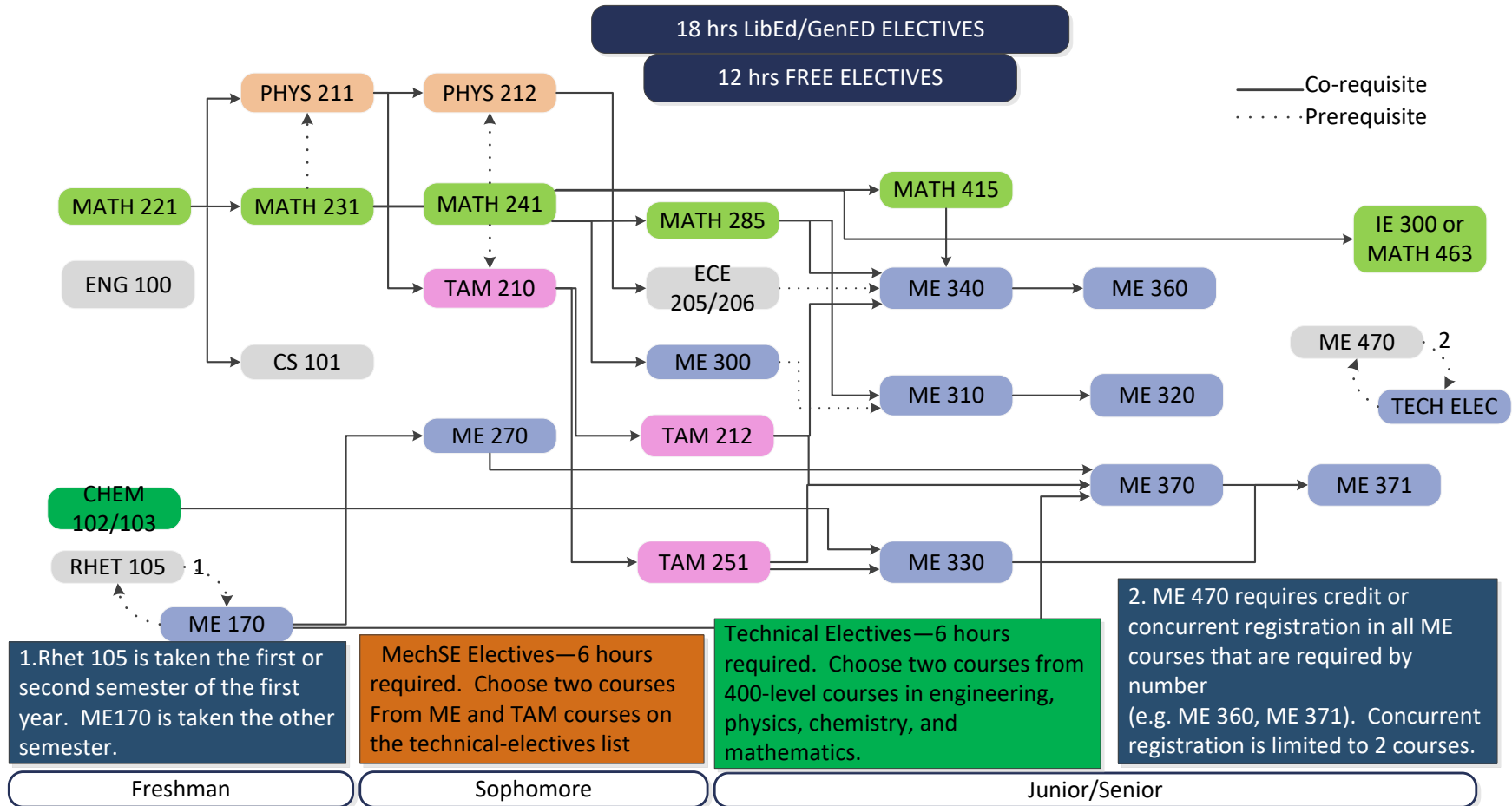
SP 2017 (17)

SP 2018 (19)

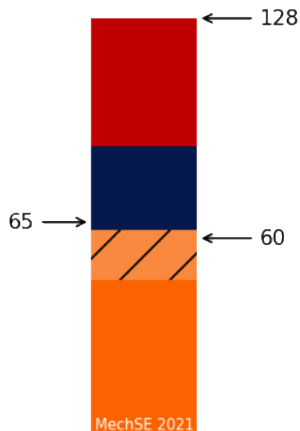
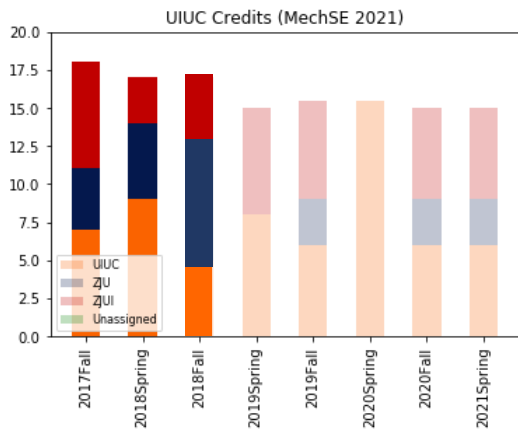
SP 2019 (15)

SP 2020 (14)

2.3 Course Map for Mechanical Engineering



- ECE 211 taught by ECE (2/3 of ECE 210)
- TAM 210 taught by MechSE (2/3 of TAM 211 taken by CEE)
- ECON 101 satisfies ECON 102 requirement
- ME SCI ELEC is CHEM 104/105
- Exchange to UIUC in SP 2020 semester**
- ECE 313 (Stats Elective) taught by ECE
- ME ELECs are decided upon by exchange and ZJUI faculty
Should be chosen to allow CEE and ECE students to satisfy elective requirements
- ME TECHs are chosen from ECE and CEE courses taught by UIUC or ZJUI



FA 2017 (18)

CHEM 102/103 (3+1)
CS 101 (3)
ECE 110 (3)
ENGR 100 (1)
MATH 221 (4)
RHET 101 (3)

FA 2018 (17)

ECON 101 (4)
MATH 241 (4)
ME 270 (3)
PHYS 212 (4)
TAM 210 (2)

FA 2019 (15.5)

GEN ED4 (3)
MATH 415 (3)
ME 310 (3)
ME 340 (3.5)
ME 370 (3)

FA 2020 (15)

ECE 313 (3)
GEN ED3 (3)
ME 371 (3)
ME ELEC (3)
ME TECH (3)

CHEM 104/105 (3+1)
MATH 231 (3)
ME 170 (3)
PHYS 211 (4)
RHET 102 (3)

ECE 211 (2)
MATH 286 (4)
ME 300 (3)
ME 390 (0)
TAM 212 (3)
TAM 251 (3)

GEN ED5 (3)
ME 310/320 LAB (2)
ME 320 (3)
ME 330 (4)
ME 360 (3.5)
URBANA

GEN ED2 (3)
GEN ED6 (3)
ME 470 (3)
ME ELEC (3)
ME TECH (3)

SP 2018 (17)

SP 2019 (15)

SP 2020 (15.5)

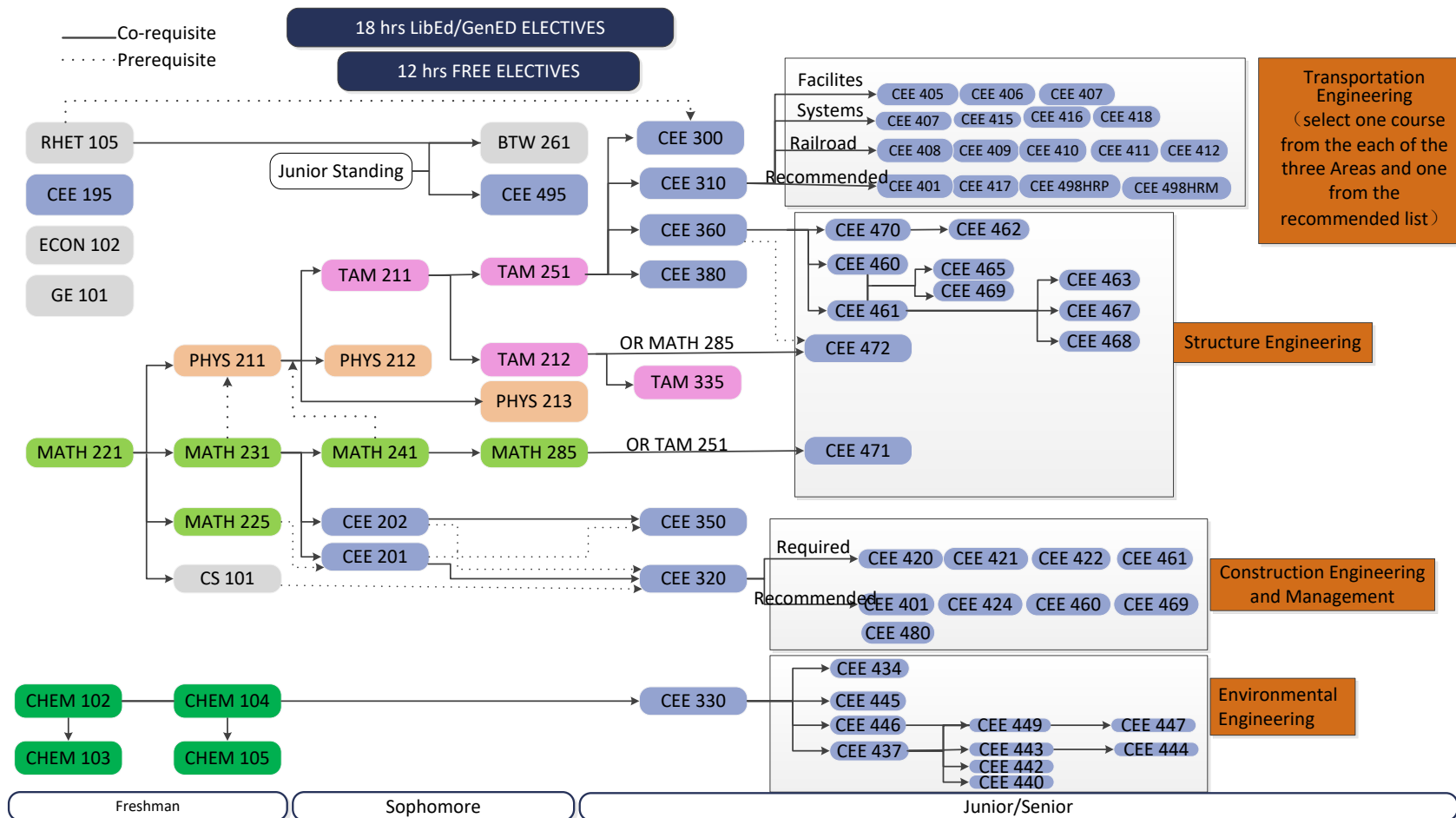
SP 2021 (15)

TERM IN

2.4 Course Map for Civil and Environmental Engineering

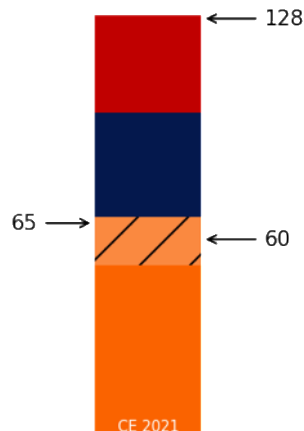
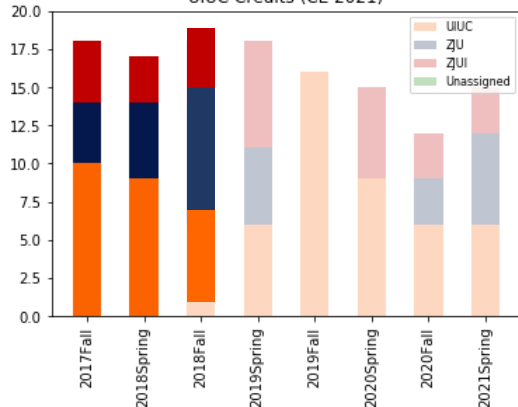


ZJUI



- ECON 101 satisfies ECON 102 requirement
- Exchange to UIUC in FA 2019 semester
- CEE CORE/PRIMARY/SECONDARY courses TBD based on student interest
- Note: Current UI-taught count is 3 credits high

UIUC Credits (CE 2021)



FA 2017 (18)

CEE 195 (3)
 CHEM 102/103 (3+1)
 CS 101 (3)
 ENGR 100 (1)
MATH 221 (4)
RHET 101 (3)

FA 2018 (18)

CEE 201 (3)
 ECON 101 (4)
 MATH 241 (4)
 PHYS 212 (4)
TAM 211 (3)

FA 2019 (16)

BTW 261 (3)
CEE CORE1 (3)
CEE CORE2 (3) **TERM**
CEE SCI ELEC (3) **IN**
TAM 335 (4)
URBANA

FA 2020 (12)

CEE 495 (0)
CEE CORE5 (3)
CEE PRIMARY2 (3)
 CEE SECONDARY1 (3)
 GEN ED3 (3)

CHEM 104/105 (3+1)
MATH 231 (3)
ME 170 (3)
 PHYS 211 (4)
RHET 102 (3)

CEE 202 (3)
 GEN ED2 (3)
 MATH 286 (4)
 PHYS 213 (2)
TAM 212 (3)
 TAM 251 (3)

CEE CORE3 (3)
CEE CORE4 (3)
CEE PRIMARY1 (3)
 GEN ED4 (3)
 MATH 415 (3)

CEE PRIMARY3 (3)
CEE PRIMARY4 (3)
CEE SECONDARY (3)
 GEN ED5 (3)
 GEN ED6 (3)

SP 2018 (17)

SP 2019 (18)

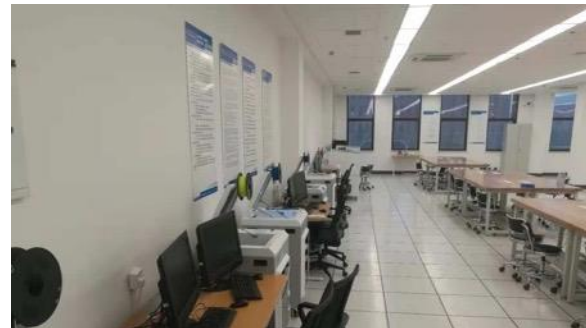
SP 2020 (15)

SP 2021 (15)

- ❖ Safe and open
- ❖ Emphasize the teaching effect, promote the students' interest, and close to the industry
- ❖ Build new experimental platform and project



24/7 Innovative Open Lab





4

Cultivation Procedure

“T型”学生 “T-Shaped Student” ?



ZJUI



传统学生：学科深度)

Conventional students: depth in discipline



专业领域的深度 (Depth in major area)

传统职业 (Conventional career)



T型学生即知专业自身，也知其他广阔领域

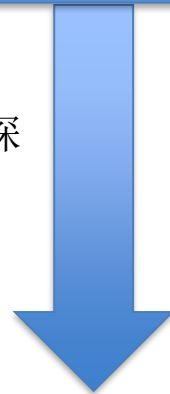
(“T students” know their subject matter, but also broader areas)

跨学科的宽度

Breadth across disciplines



专业领域深度 (Depth in major area)



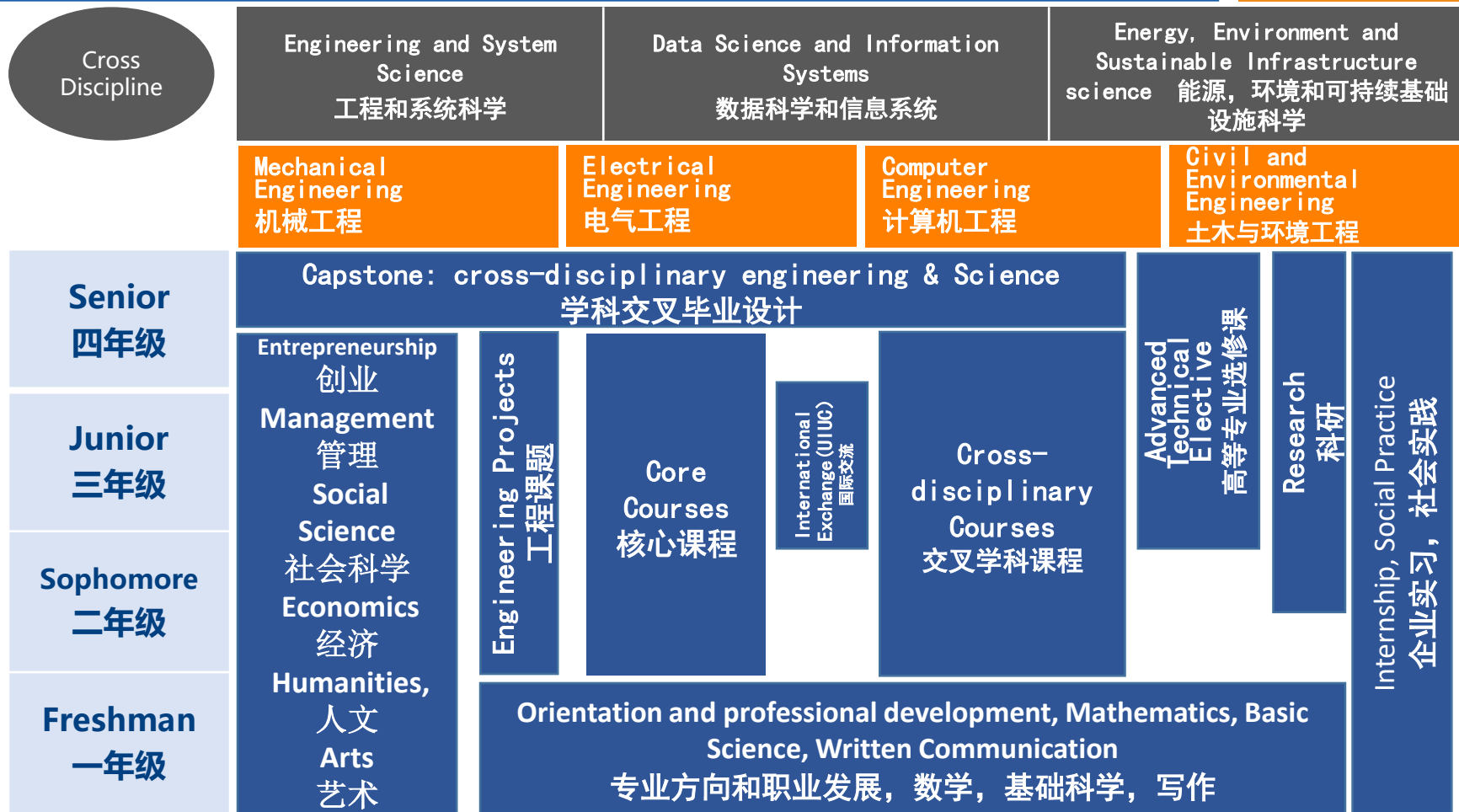
社会影响、团队合作的宽度 (Breadth in societal impact, teamwork)

高影响力职业 (High-impact career)

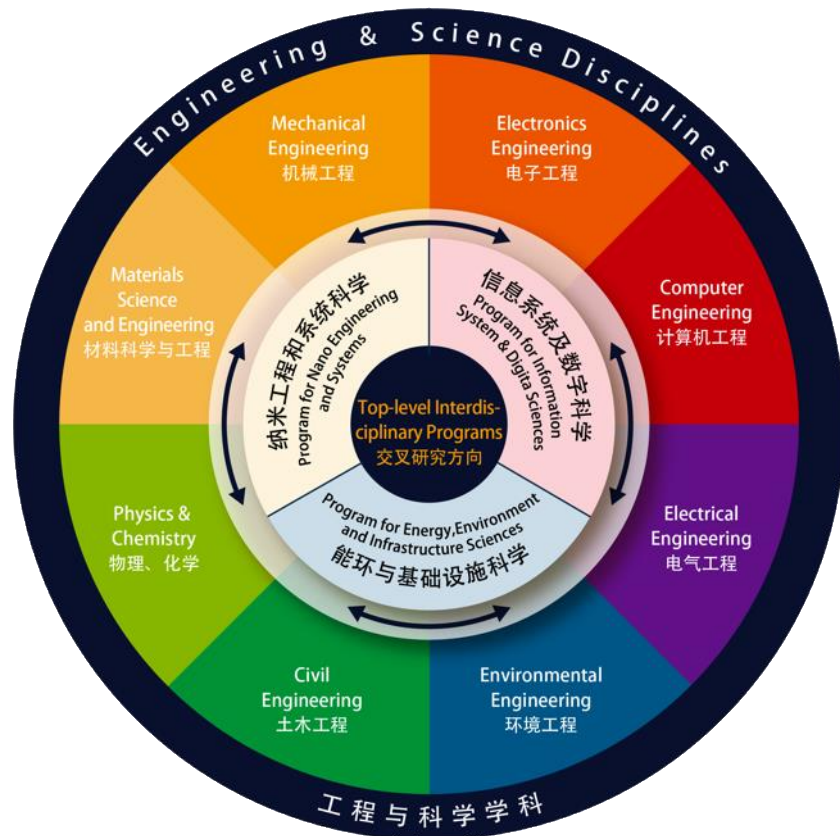
4.1 Student Training Plan



ZJUI



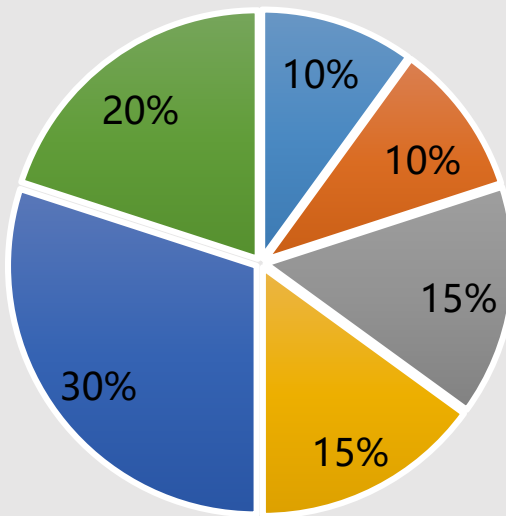
- Break the boundary of traditional majors and subjects, no longer set up the departments and institutes
- Build cross-disciplinary research center
- Set up the engineering cross-disciplinary innovation class for senior year students



- Cross-discipline education
- Enhance the interaction between faculties and students
- Evaluate during the whole process
- Extend the vision of engineering
- Combine the theory and practice

Process Evaluation

Scores Break Down



Physics

- Preview and in-class performance 10%
- Weekly Quiz 10%
- Labs 15%
- Homework 15%
- Three Mid-terms 30%
- Final Exam 20%

- ❑ Engineering classes and learning from the very first day
- ❑ Joint courses that converge disciplines throughout the program in every term
- ❑ Cross-discipline advanced courses to provide a broad perspective
- ❑ Design project transcends several disciplines
- ❑ Ongoing creativity, entrepreneurship and leadership learning and opportunities



1) Engineering courses from the very beginning



I ZJUI

ENG 100 – Engineering Orientation
ECE 110 – Introduction to Electronics
ECE 120 – Introduction to Computing
CEE 195 – About Civil Engineering
ME 170 – Computer Aided Design



Operated by Prof. Philip Krein, and, Prof. Li Erping, talents from both academy and industry are invited to come and give seminars to students

Seminars provide students with deep insight in the future direction of research and industry



Benito J. Mariñas

Ivan Racheff Professor, UIUC



Liang Y. Liu

Associate Professor, UIUC



Kevin Pitts

Professor, UIUC



Luke P. Lee

Vice President, National University of Singapore



Martin Ester

Professor, Simon Fraser University, Canada



Don Tan

Former President of the IEEE Power Electronics Society



Jianming Jin

Professor, UIUC



Bingfeng Ju

Professor, ZJU



B.F. Spencer, Jr.

Professor, UIUC

- ❖ Co-taught by eight UIUC professors in civil engineering from different fields such as structure, transportation, environment, geotechnics, water resources, etc.
- ❖ Students will take on-site visit to various civil projects and learn knowledge from the field.



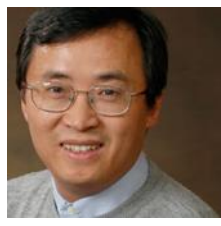
James M. LaFave
Professor



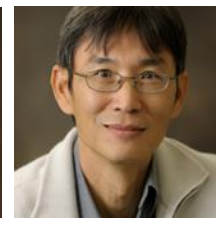
Benito J. Mariñas
Professor



Yanfeng Ouyang
Professor



Ximing Cai
Professor



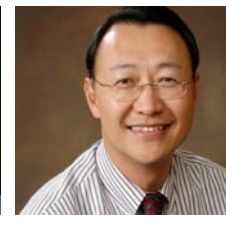
Wen-Tso Liu
Professor



Erol Tutumluer
Professor



B F Spencer, Jr
Professor



Liang Y. Liu
Associate Professor



Shanghai Tower



Fuxing Bridge



Hangzhou Subway

- ❖ Smart city, smart infrastructure
- ❖ Data mining, machine learning
- ❖ Informatics system and digital science
- ❖ Engineering and system science
- ❖ Energy and environment



3) Cross-disciplinary Design Courses



ZJUI

■ **ENG 4xx – Multidisciplinary Engineering Design Project**

ME 170/SE 101	Introduction to Computer-Aided Design
ME/TAM 270	Design for Manufacturability
ENG 490	Multidisciplinary Senior Design Project
ENG 491	Team Design Projects

■ **Innovation, Enterprise, Leadership**

TE 250 -- From Idea to Enterprise
TE 333 -- Creativity, Innovation, Vision

TE 250	From Idea to Enterprise
TE 333	Creativity, Innovation, Vision
SE 400	Engineering Law



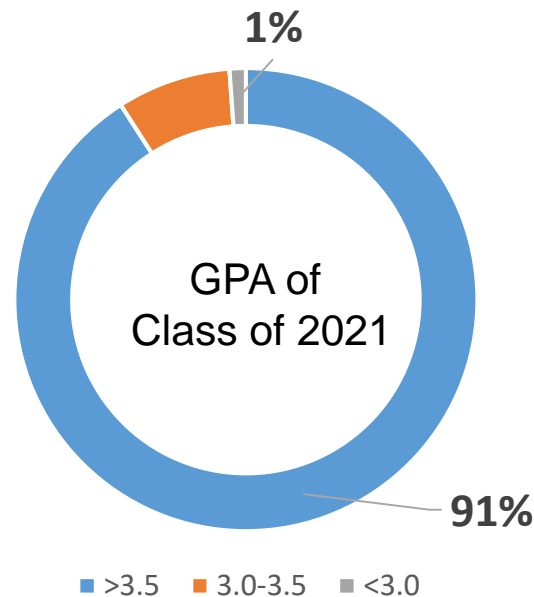
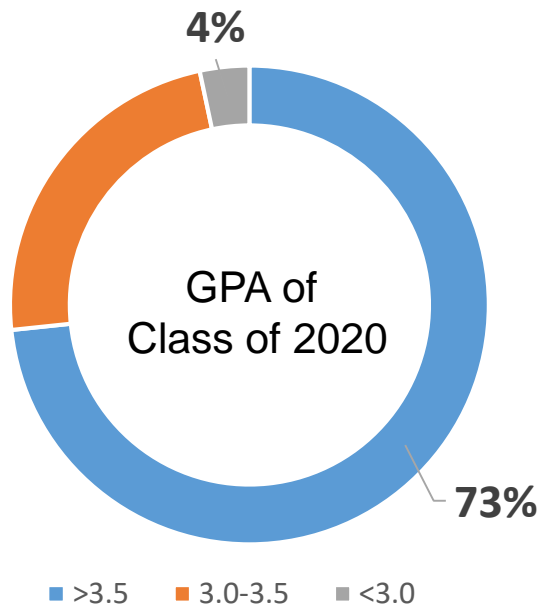


5

Student Development

■ Cumulative GPA of Class of 2020 and 2021

According to UIUC evaluation, 70% students' GPA is higher than 3.5 and reach the level of excellent



5.2 Research Training, Internship and Competition



2018 Mathematical Contest In Modeling* Certificate of Achievement

Be It Known That The Team Of
Yifan Chen
Chao Xu
Enyi Jiang

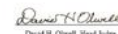
With Faculty Advisor
Thomas Honold

or
ZJU-UIUC Institute

Was Designated As
Meritorious Winner


Patrick Dussich, Contest Director


CMAP
with support from

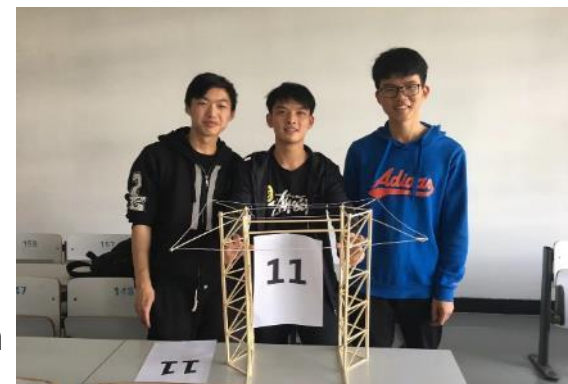

David H. Olmstead, Head Judge

siam. informatics. MAA ASA



Students team join the
summer research camp

First price in structural design
contest of Chinese university



5.2 Research Training, Internship and Competition



ZJUI

- Organize visits and internships in industry and in laboratories during summer break

- Alibaba Group Holding Limited
- Huawei Technologies CO., LTD、
- Jinko Solar Holding Co., Ltd.
- Eaton Corporation
- Merck Sharp & Dohme Corp.
- Chint Group
- TDG HOLDING CO.,LTD.



5.3 Extracurricular Activities

Participate UIUC Alumni Reunion



Discuss with faculties



Study at ZJU labs



ECE110 - Auto reaction car



Defense for Student Research Training Project



Interaction



5.3 Extracurricular Activities



Regular seminars given by professors from overseas



Face to face communication with masters



Understand traditional heritage and celebrate holidays with overseas students



5.4 Communication between Faculties and Students





The First Residential College Based Campus in Mainland

Residential College to support the whole-person education



Professor Lap-Chee Tsui 1st
Residential College Dean

- Famous geneticist
- 14th Vice-Chancellor and President of the University of Hong Kong



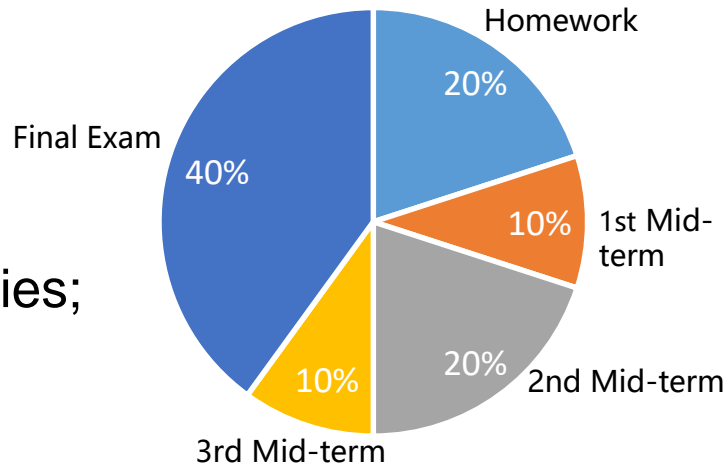


6

Education Quality Assurance

- Early feedback from faculties and students;
- Course evaluation in the end of semester;
- Biweekly faculty lunch meeting;
- Academic advising system;
- Assessment for whole learning process;
- Policies and guidelines for teaching activities;
- Class observation

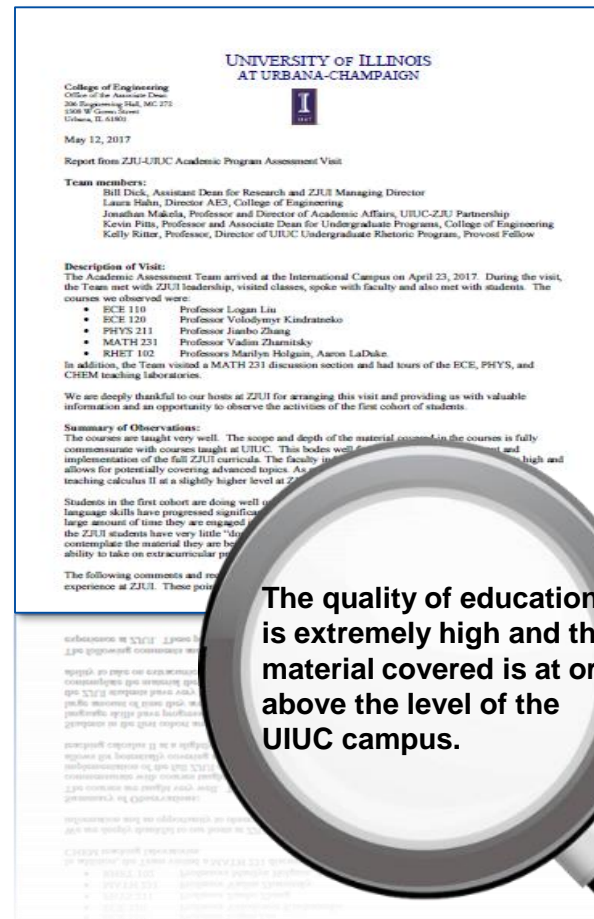
Whole Learning Process
MA213



6.2 Teaching Assessment from UIUC



ZJUI



In April 2017, UIUC preformed a teaching assessment on ZJUI and positive feedback was received. This bodes well for the continued development and implementation of the full ZJUI curricula.



Chen Haonan

My life in ZJUI is fantastic. Our institute encourage us to try to realize our idea. It will be one of the most important experience in my whole life.



Chen Yifan

I think we have the access to a global opportunity within our daily class. In everyday class, we get professional knowledge in a non-conventional way.



Jiang Enyi

ZJUI is value to me because it uses a different idea in teaching compared with the traditional Chinese way: we are encouraged to communicate more with the professor; we also have discussions where we can learn more from each other.



Zhao Junhan

During the first in ZJUI institute, the most precious gift I got is the ability of how to think critically and learn by myself. We have quite amount of inquiry-based courses. Thanks to these classes, we can get some projects and try best to solve them individually or in group.



Feng Yiqi

ZJUI is the most suitable and perfect college that I can ever imagine. It has the superior-quality education resources provided by ZJU, and meanwhile has the top international Engineering faculties offered by UIUC.



Zhang Yu

ZJUI gives me the chance to find the balance between my ability and my interests.



Feng Yue

ZJUI builds a convenient bridge for me to gain knowledge and life experience from both ZJU and UIUC . It offers a stage to train my expressive ability. Chinese students may be lack of creativity and feel bored under traditional teaching style, but it will never happen in ZJUI.



Ji Huangchang

ZJUI is a place where I have opportunity to enjoy the international education. In ZJUI, I can learn knowledge both from Chinese and US universities.



5

校园环境

校区面积 1484 亩

建筑面积：40 万平米

鸟瞰图



校区区位

交通

海宁常住人口60多万，距浙大紫金港校区50公里；距杭州萧山国际机场80公里；距上海虹桥机场120公里。

海宁文化璀璨、人文荟萃、经济繁荣，被誉为“鱼米之乡、丝绸之府、皮革之都”。名胜古迹众多、风景优美，世界闻名的“海宁潮”更是天下奇观。





国际校区



鹃湖（国际）科技园

北：徐志摩湿地公园1500亩

中：**国际校区1484亩**

南：鹃湖公园3000亩





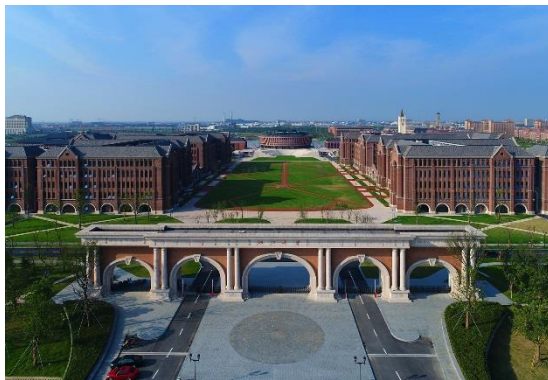
◆ 推进校园建设

一期建设，2016年8月完工

建筑面积：约11 万方

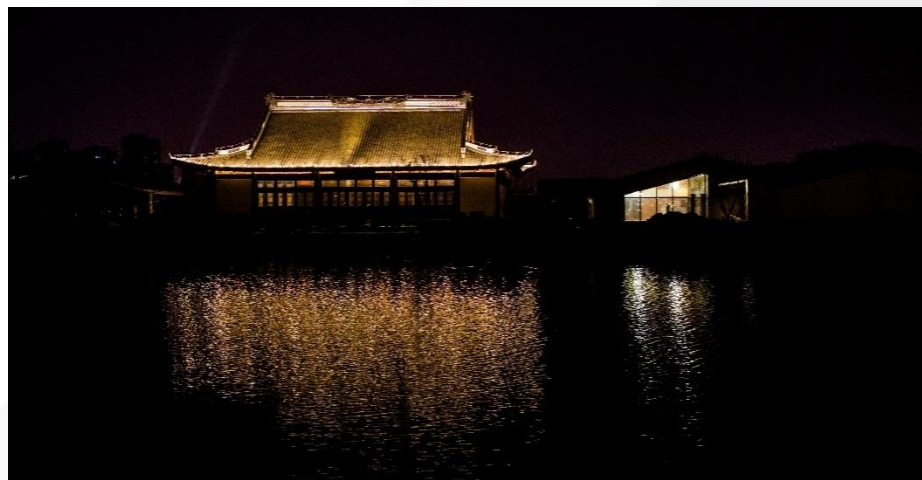
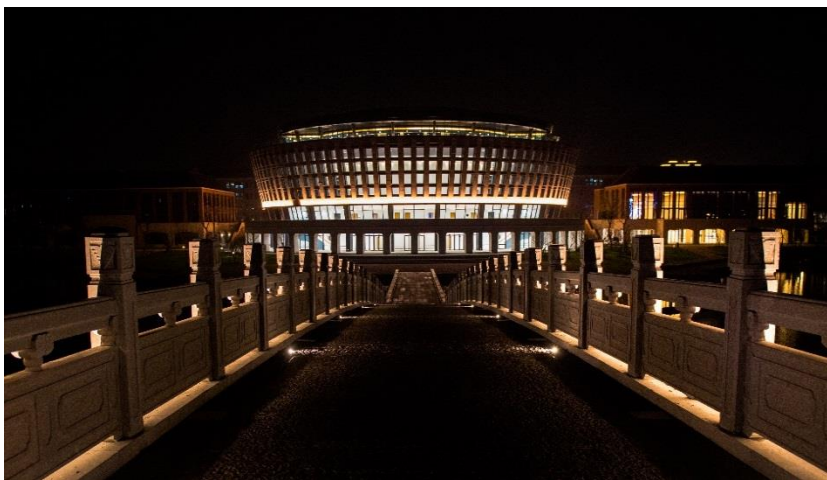
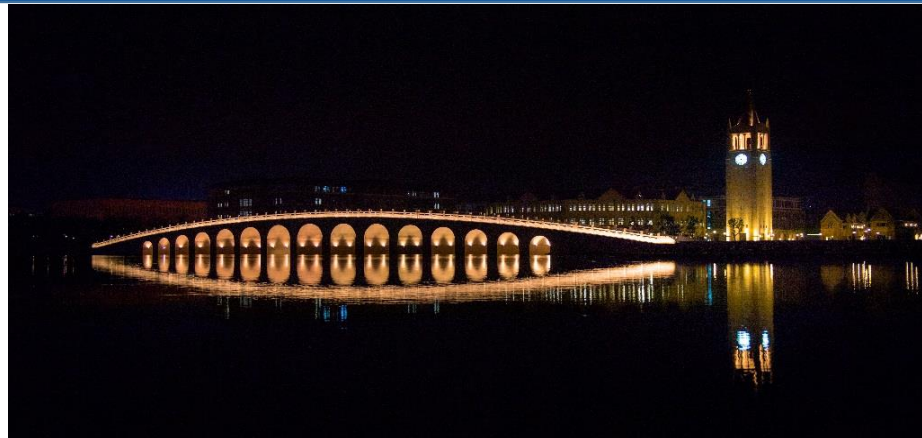
二期建设，2017年9月完工

建筑面积：约29万方





INTERNATIONAL CAMPUS
ZHEJIANG UNIVERSITY
浙江大学国际联合学院





INTERNATIONAL CAMPUS
ZHEJIANG UNIVERSITY
浙江大学国际联合学院

Campus Scenery



Campus Scenery



Campus Scenery





Thanks for listening !

2018