First-class UG Education Talents Leading the Future

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CONTENTS

- Brief Introduction
- Target of UG Cultivation
- Highlights
  - “2+X” Cultivation System
  - Quality Improvement Project
  - Degree with Honor
  - Emerging Engineering Education
Brief Introduction

74 Majors for UG Programs

13000 Undergraduate Students

Regional: 3rd
Global: 27th

★ Top 200 in all the 4 rankings

Political and International Relations: 19th
Philosophy: 17th

QS: 43rd
THE: 155th
US News: 96th
ARWU: 101-150th

材料科学
列全球第2（仅次于MIT）

★ Top 200
in all the 4 rankings
Target of UG Cultivation

“Talents Leading the Future with Global Competence”

- Humanities
- International Perspectives
- Scientific Spirit
- Professional Quality
Target of UG Cultivation

Whole Chain of UG Education through 6 Channels

International Exchange

Internet & New Media

Residential College

Extracurricular Practice

Research Training Innovation & Entrepreneurship

Classroom
**Target of UG Cultivation**

*2020 First-class Undergraduate Education Promotion Agenda of Fudan*

- **Cultivation of Outstanding Students in Fundamental Disciplines**
  - Meet their self-challenge

- **Top-level Design for First-class UG education**
  - Make students fully develop their potentials

- **Cultivation of Innovation Talents**
  - Foster the future engineers
Highlights I

“2+X” Cultivation System

First 2 Years

Cultivate the students’ core competences
- Common core competences
- Professional core competences

Senior Years

Broaden students’ self-direct development with diversified choices
- Outstanding innovative talents programs
- Interdisciplinary programs and IE programs
Quality Improvement Project

- Encourage and reward high quality courses
- Eliminate poor quality courses

**Highlights II**

- Inflexibility
- One-way
- Results-oriented
- Motivation outside Teaching-centered

**Traditional Teaching**

- Flexibility
- Comprehensive
- Process-oriented
- Inner Motivation
- Learning-centered

**Blended Learning**

- Courses with Honor: For Outstanding Students
- Ordinary Courses: For Ordinary Students
- Program Courses: For Students in other majors
“Facilities really matter in learning.”

- Teaching & Learning Ecosystem | Study Community
- First-class Smart Teaching Building

Quality Improvement Project

Classes with students Under 30 in Fudan
Highlights III

- 2.0 Version of the former *Talents Training Program*
- Launched in 2016 with Openness & Challenges

Degree with Honor

- Courses with Honor
  - Challenging+ Intensive+
  - Diversified assessment methods
  - 25 credits / program

Linked to the Graduate Cultivation System

- High Challenging Intensive Courses
- Degree with Honor
- High Challenging Research Training

Intensive Research & Discussion

Practical Challenging
Emerging Engineering Education

- Taking the advantage of comprehensive research university
- Promote interdisciplinary integration

### Emerging Subjects
- Brain Science & AI
- Photon and quantum
- New materials & energy
- Biochip & Precision Medicine
- Internet+ & Big data

### Advanced Subjects
- Mechanic Engineering
- Telecommunications
- Automation & Computer Chemical Engineering
- Biomedicine
- Internet+ & Big data

### Student Centered
- Institute of Engineering & Applied Technology
- New Engineering College

### General Education
- Emerging Engineering
- 1 Body 2 Wings
Significant Learning Experiences
THANK YOU FOR WATCHING