

Civil Engineering focuses on cultivating high-level civil engineering talents who has active academic thoughts and sense of innovation, has a strong academic interest in subject research, and is willing to commit to academic research in this subject; has a scientific spirit, can bear hardships and hard works in the process of scientific research; with good teamwork spirit, rigorous style of study and social responsibility, honesty and trustworthiness, and abide by academic ethics.



## **Core Curriculum:**

- 1. Elastic-plastic Mechanics
- 2. Dynamics
- 3. Finite Element Method
- 4. Advanced Soil Mechanics
- 5 Numerical Analysis
- 6. Advanced Steel Construction