

Professor Name

Qintong Li (Ms.)

Laboratory name

Aquatic Environmental Eco-Engineering Laboratory

Laboratory Website

<https://www.shibaura-it.ac.jp/en/research/laboratory/00037.html>

Keyword

biological water treatment technology, field work, molecular experiment

Tasks in the laboratory

Students can join our routine field work (water sampling); learn the basis of environmental measurement and analytical chemistry to evaluate the water quality; learn how to maintain a biological reactor for wastewater treatment.

Students who are interested in microorganisms can learn the basis of detection methods for some target microorganisms.

Program period

1~2 months

Required skills

Basic biology/chemistry/ecology knowledge would be helpful. English skill is necessary. Japanese or Chinese is also acceptable.

Desired skills (Preferred skills)

Curious about environmental issues (especially water environment pollution); biological water treatment technology; microorganisms

Eligibility-school year

- Bachelor 3rd
- Bachelor 4th or higher
- Master 1st
- Master 2nd
- PhD 1st
- PhD 2nd
- PhD 3rd

Eligibility-student's major/fields

- Mechanical
- Chemistry
- Material
- Electrical
- Electronic
- Computer Science
- Life Science
- Mathematical
- Civil Engineering
- Architecture
- Engineering and design
- Other