



# Global Center of Excellence for Mechanical Systems Innovation

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- Established in 1877 as the first national university
- College of Arts and Sciences, 9 faculties, 15 graduate schools and 11 institutes
  - Academic and Administrative Staff: 7,500
  - Students: Undergraduate:14,000, Master: 7,000, Doctor: 6,000
- Main campus located in Hongo Bunkyo-ku, Tokyo
  - About 56 hectares of the former Kaga Yashiki
  - Parts of the seventeenth century landscaping
  - Red gate: Important Cultural Property by the Japanese Government





Students:

sponsored courses

Foreign students: 97

Foreign students: 375

Graduate departments: 19, plus courses by guest professors and

Undergraduate departments: 17 Professors: 157, Associate Professors: 123, Lecturers: 19, Assistant Professors: 132, Total: 431; Staff: approx.1,000 Undergraduate: 2,175 Master course: 2,082 Doctor course: 1,182 THE UNIVERSITY OF TOKYO Foreign students: 523, Other foreign students: 115, Total foreign students: 1,110





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### **Principle of human resource development:**

The program aims at the cultivation of the following items:

#### (1) Fundamental attainment

Natural sciences, such as mathematics, physics, chemistry and biology, and fundamental social sciences

#### (2) Specialized knowledge

Specialized knowledge, such as mechanical dynamics, mechanics of materials, hydrodynamics, thermodynamics, design engineering, manufacturing engineering and material engineering, and bird's-eye-view knowledge on technology, society and the environment

#### (3) Literacy

Language, information literacy, technological literacy and knowledge of the law

#### (4) Competency

Creativity, problem identification and solution, planning and execution, selfmanagement, teamwork, leadership, sense of responsibility and sense of duty

#### The goal of the human resource development program:

To cultivate internationally competitive young researchers with the ability to comprehend and generate both fundamental attainment and specialized knowledge, and the technical and language literacy and competency.
It is expected that these young engineers will be well-prepared to be the future leaders of industry and academia.



### Overview of the education program (From the viewpoint of an RA)



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