

Department of Mechanical Engineering (Master's Course)	
Diploma Policy	<p>The Master's Course in the Graduate School of Science and Technology confers a Master of Engineering degree to a student who has been enrolled in the Master's Course in Mechanical Engineering for at least 2 years, developed the following qualities and abilities, earned the required minimum number of credits for completion of the Master's Course (30), and passed the prescribed review of a master's thesis.</p> <ol style="list-style-type: none"> (1) Knowledge in specialized areas focused around natural science and mechanical engineering. (2) An understanding of the responsibilities as an engineer, and the capability to set problems in the specialized area focused around mechanical engineering and solve such problems. (3) The ability to write and communicate logically in Japanese. (4) The capability to understand literature and specialized books written in Japan and abroad, and give presentations in English. (5) The ability to think about the connection between individuals and society as well as about future visions without an overemphasis on technology.
Curriculum Policy	<p>The educational curriculum of the Master's Course in Mechanical Engineering has established, based on its human resources development goals, the basic specialization, applied specialization, basic social, and exercises and experiments fields, and is built around the following to enable the systematic study of those subjects included in the fields.</p> <ol style="list-style-type: none"> (1) Basic specialization field: A group of subjects (Advanced Study I) established to nurture knowledge and thinking in the area of specialization focused around natural science and mechanical engineering. (2) Applied specialization field: A group of subjects (Advanced Study II and related subjects) to nurture knowledge and thinking in advanced areas of specialization, with a focus on mechanical engineering, and the capability to engage in discussion based on same, as well as to cultivate English language skills related to the area of specialization. (3) Basic social field: A group of subjects to cultivate the education required to engage in socioeconomic activities as an engineer (common subjects). (4) Exercises and experiments field: A group of subjects (Special Exercises / Experiments) to cultivate the abilities to set up problems in the area of specialization focused around mechanical engineering, solve such problems, and express them logically.
Admission Policy	<p>Students intending to enroll in the Master's Course in Mechanical Engineering must keep educational goals in mind and have:</p> <ol style="list-style-type: none"> (1) The ability to work tenaciously while upholding high aspirations and firm intentions, and an interest in the field of mechanical engineering; (2) Basic academic abilities related to natural science and mechanical engineering at the university-graduate level; (3) The ability to explain own intentions and thoughts; (4) The desire to be active in the future as an engineer or researcher in the international community; and (5) The English skills required to read and understand books written in English.