

Faculty of Science and Technology, Department of Information Engineering	
<b>Diploma Policy</b>	<p>The Department of Information Engineering approves the graduation of and confers a bachelor's degree (in engineering) to a student who has met the following requirements in accordance with our founding spirit, the Faculty of Science and Technology's objective in developing human resources, and the Department's objective in developing human resources.</p> <p>(1) A broad education, strong language skills, and the ambition and ability to contribute to the development of society from a broad perspective and ethical foundation grounded in that educational background.</p> <p>(2) A strong knowledge of the basics of information engineering and the ability to use that knowledge to solve a wide variety of problems. A basic knowledge of at least one of four categories of the diverse, far-reaching field of information technology (information devices, information processing, media technology, and/or information and communications) and the ability to employ that knowledge to resolve various social issues.</p> <p>(3) The ability to explore issues actively, independently, and throughout life and work with others on solutions to social issues.</p>
<b>Curriculum Policy</b>	<p>The Department of Information Engineering designs its curriculum, comprising Liberal Arts Education and Specialized Education, to nurture students with the abilities stated in the diploma policy. Students are required to earn a certain number of credits in Liberal Arts Education and Specialized Education and pursue wide-ranging studies in order to develop deep knowledge and understanding that transcend the traditional boundaries of information engineering.</p> <p>(1) Liberal Arts Education comprises Foreign Language, Science of Physical Education, Humanities, Social Science, and other liberal arts subjects and also includes Basic Science and Technology Subjects such as Mathematics, Physics, Chemistry, and Ethics for Engineers. By giving students opportunities to study these subjects, the curriculum allows students to develop a broad perspective and sense of ethics that transcend their areas of specialty and gain the knowledge vital to pursuing their studies in specialized education.</p> <p>(2) Specialized Education comprises a systematic, integrated framework of subjects that help students progress sequentially from basic knowledge to applied studies, deepening their specialized knowledge of information engineering. The Specialized Education curriculum is a systematic arrangement of a group of basic subjects common to information engineering and a group of subjects on the four fields of information devices, information processing, media technology, and information and communications. By offering an organic, integrated fusion of lectures and related seminars, lab experiments, and practice labs, the curriculum enables students to obtain a broad range of specialized knowledge that goes beyond mere book learning and develop the adaptive ability to solve problems in response to social changes.</p> <p>(3) Liberal Arts Education incorporates elements of active learning. The Specialized Education curriculum also focuses on fostering students' individual motivations and, by offering related seminars, lab experiments, and practice labs on the themes of multiple subjects, allows students to pursue their interests through active learning. Graduation Research, which students conduct in their final academic year (year 4), allows students to foster their independence, cultivate collaborative relationships, and develop the lifelong assets of interdisciplinary learning and creative thinking skills.</p> <p>(4) The Department of Information Engineering enforces strict grading policies and approves credits in accordance with syllabus content and uses student grades for the purposes of academic guidance and tracking. The Department also has a system for providing individual guidance from a comprehensive standpoint, taking student grades and attitudes into consideration, which allows students to study according to individual progress and future goals.</p>
<b>Admission Policy</b>	<p>The Department of Information Engineering admits applicants who understand the diploma policy and have acquired the following abilities and ambitions through prior education such as high school education.</p> <p>(1) Students seeking admission via the general entrance examination: Strong basic academic abilities in mathematics, science, and English. Students seeking admission via an examination by commendation/special examination: Basic academic abilities in mathematics, science, and English, gained through steady, consistent studies in high school.</p> <p>(2) The capacities for thinking, reasoning, and self-expression that form the foundation for using one's basic academic abilities in mathematics, science, and English to identify problems independently, explore possible solutions to the issues, and produce corresponding results.</p> <p>(3) An interest in information engineering and other related engineering-oriented science and technology and an ambition to collaborate actively with a variety of partners in using information technology to contribute to society.</p>