

Faculty of Science and Technology, Department of Environmental Science and Technology	
<b>Diploma Policy</b>	<p>The Department of Environmental Science and Technology offers student education on the basis of “environmental science and technology”, a novel and interdisciplinary academic field, which includes the following emphases.</p> <ol style="list-style-type: none"> <li>(1) Mindsets to respect the environment</li> <li>(2) Understanding basic theories of nature</li> <li>(3) Preserving, restoring, and improving the environment</li> <li>(4) Coexisting with nature</li> <li>(5) Environmental creation</li> </ol> <p>The Department confers a bachelor’s degree in engineering to a student who has acquired the qualities and abilities listed below.</p> <ol style="list-style-type: none"> <li>(1) A broad educational background and the ability to make unbiased judgments based on a broad perspective in order to form a diverse value system.</li> <li>(2) The ability to use their knowledge and skills to solve problems for improving the environment and engaging in environmental creation.</li> <li>(3) The ability to continue to learn actively, to share acquired knowledge, and to grow in cooperation with others, making it possible to respond to technological innovation and social changes.</li> </ol>
<b>Curriculum Policy</b>	<p>The educational goal of our Department of Environmental Science and Technology is to ensure that students acquire the five assets below.</p> <ol style="list-style-type: none"> <li>(1) Diverse values and basic knowledge</li> <li>(2) Ethics required for qualified engineers, and environmental ethics</li> <li>(3) Specialized basic knowledge and its application</li> <li>(4) Communication skills</li> <li>(5) Abilities to be an advanced and qualified engineer</li> </ol> <p>The Department designs and implements the following curriculum to help the students obtain the qualities and abilities, which are stated in the diploma policy.</p> <ol style="list-style-type: none"> <li>(1) Liberal Arts Education comprises a systematic arrangement of humanities, social sciences, natural sciences, languages, computer science, and physical education subjects. These programs have the students acquire diverse values and obtain an ability to understand and represent our environmental world appropriately.</li> <li>(2) Specialized Education comprises a systematic arrangement designed for environmental creation through appropriate combinations of lectures, seminars, lab experiments, practice labs, and other elements in order to help the students acquire concrete knowledge and skills in specialized fields to be utilized in problem solving.</li> <li>(3) The Department introduces active learning methods into first-year programs, seminars, lab experiments, and practice labs, for instance, related to environmental creation. These methods encourage the students to learn their problems with high motivation throughout their lives, to understand other people, and to exchange ideas.</li> <li>(4) The Department enforces strict credit and grading policies in accordance with the Japan Accreditation Board for Engineering Education accreditation program. In addition, the Department provides students with individual guidance based on learning behavior surveys, GPA, and credits earned by the students, to help the students study in accordance with individual progress and future goals.</li> </ol>
<b>Admission Policy</b>	<p>The Department of Environmental Science and Technology admits applicants who have acquired the following qualities and abilities through prior education such as a high school education.</p> <ol style="list-style-type: none"> <li>(1) The ability to use the basic knowledge of high school courses as a basis for university-level learning.</li> <li>(2) The motivation to contribute to modern society, as an environmental generalist or specialist with the knowledge and skills acquired in the Department.</li> <li>(3) The enthusiasm to study hard in their student period, as well as after their graduation, for further studies in graduate school or aiming at national certification.</li> </ol>