

Science, Technology and Society Program

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1. Introduction

The Science, Technology, and Society Program is a branch of study that examines the nature and historical development of science and technology and the interrelationship between science, technology and society. Through close cooperation between the natural sciences, engineering and the humanities, social sciences divisions, the Science, Technology, and Society Program endeavors to utilize an inter-disciplinary approach toward the following areas: science and technology policy; history of science and technology; sociology of science and technology; science and technology communication; laws regarding science and technology; philosophy of science and technology.

This program aims to systematically nurture capable specialists of policy and planning who possess both a comprehensive understanding of humanities and social sciences as well as science and technology and the ability to solve problems. Furthermore, they will also be qualified to play leading roles in government, companies, journalism, research institutes, academies, and foundations by actively dealing with urgent science-technology related problems of the nation. This program focuses on nurturing practical abilities to solve problems as well as academic excellence, and emphasizes active globalization.

□ MS Program

An M.S. program of Science, Technology, and Society Program has already opened, and a Ph. D. program of Science, Technology, and Society Program will be offered. The education and research involved in this program emphasize inter-disciplinary approaches in areas where synergy effects are anticipated through cooperation between natural sciences, engineering, humanities, and social sciences. These areas include science and technology policy, history of science and technology, sociology of science and technology, science and technology communication, laws regarding science and technology, and philosophy of science and technology. In particular, we will focus on areas where social needs are great and whose social impacts are large.

2. Faculty

Shin, Sung Chul (Physics), Yoo, Ook Joon (Biological Science), Kwon, Dong Soo (Mechanical Engineering), Chang, Soon Heung (Nuclear and quantum engineering), Lee, Kwyro (Electrical Engineering), Kim, Ji Soo (Management Engineering), Lee, Chang Yang (Management Engineering), Yoon, Jeong-Ro (Humanities and Social Sciences)