

Division of Future Vehicle

학과홈페이지: fv.kaist.ac.kr

학과사무실: 042-350-8461

◆ Introduction

The division of Future Vehicle offers graduate-level instruction that focuses on fostering creativity, cosmopolitan outlook, and convergence technology for R&D of Future Vehicles. Our program trains students who can develop core technologies, handle rapid change of technologies and apply artificial intelligence techniques to the Future Vehicle industry.

◆ Program management and strategy for differentiation

Our program consists of the world level experts in various areas including wireless electric power transmission, next generation communication, computer vision, machine learning/deep learning, human-car interaction, architecture design/analysis, vehicle dynamics, ECU, OS and automatic driving. Specialized curriculum is provided to graduate students who majored in electrical engineering, computer science, mechanical engineering, and industrial design in college. One example is “Design of creative system for convergence”, which aims to apply surrounding environment recognition techniques to vehicle platforms so that students can build field sense and conduct self-motivated research.

