

# 人間・社会システム情報科学専攻

人と社会の未来を切り拓く

国際人の育成



## 本専攻の基本的な考え方

### Basic concept of this major

人間・社会システム情報科学専攻では、人間や社会を取り巻く広範な科学技術を、自然・人間・文化・社会に関する諸活動と有機的に結びつけ、本質的理解を深めます。そして、未踏の自然理解・人間理解・文化理解・社会理解・技術理解に果敢に挑み、人間社会の未来を創造・発展させる能力を備えた真の国際人の育成を目指します。

修士課程では、各自の専門分野の基礎学力を土台に、他分野と交わりながら周辺領域への学識を広げ、体系的な視野を養います。また、国際人としての素養を備え、高い倫理観と責任感を持ち、論理的判断に基づいて未踏の課題を解決する能力を育成します。

博士課程では、高度な学識と論理的思考力を体系的に身につけるだけでなく、人間社会の未来を見据え、研究活動を通じて未踏の領域を切り拓きます。これにより、学問の発展や社会の発展に大きく貢献できる能力を養成します。

The School of Informatics, Management and Human Sciences aims to cultivate global minded and highly skilled professionals, equipped with the ability to explore the vast array of science and technology surrounding humanity and society, and to link these fields with activities related to nature, humanity, culture, and society to gain a fundamental understanding of these myriad topics. We shall venture into yet unexplored spheres of knowledge in order to foster individuals capable of creating and advancing our future. In the master's program, students build upon their foundational academic knowledge in their respective fields of study and gradually acquire expertise and a broad perspective that extends to peripheral domains through interdisciplinary interactions. They shall develop the qualities of global citizens, along with a strong sense of ethics and responsibility, nurturing the ability to solve unprecedented challenges through logical reasoning.

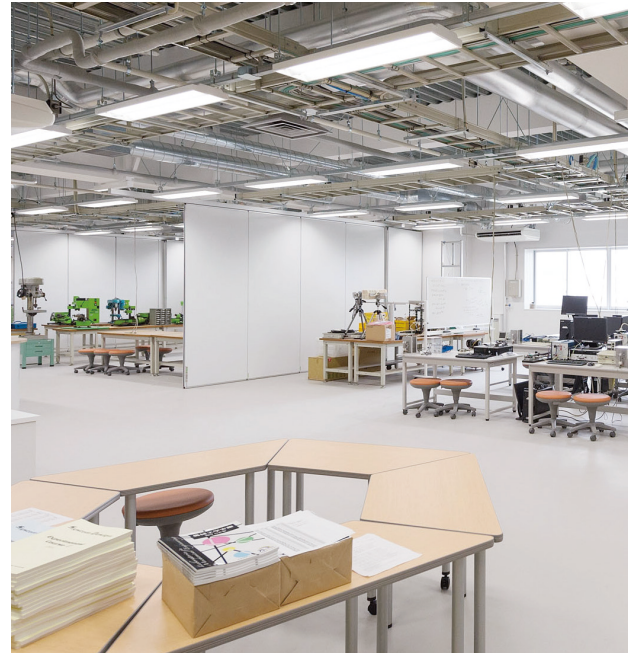
In the doctoral program, students not only systematically acquire advanced expertise and logical thinking skills but also create a vision for the future. By pioneering new and unexplored fields through their research activities, they cultivate the ability to make significant contributions to academic and societal development.

## 本専攻の特長

### Advantage of School of Informatics, Management, and Human Sciences

本専攻は、情報学を基盤としながら、これを自然・人間・文化・社会等の革新を目指すオープンサイエンスカリキュラムと、社会活動における資源である「人間」「もの」「情報」「かね」の4つをキーワードとして、多様な視点や発想から科学技術とマネジメントを考えていく管理工学カリキュラムの2つから構成されます。

The program our school offers is comprised of two curricula: the Open Science Curriculum, which is grounded in informatics and aims to apply it to nature, humanity, culture, and society, and the Management Engineering Curriculum, which explores science, technology, and management from diverse perspectives and innovative ideas. The latter focuses on the four key resources in social activities: "people," "objects," "information," and "money."



## 目指す成果

### Our Goals and Objectives



基礎研究で積み上げられ体系化されてきた教育と研究活動を通じて、高い専門性(スペシャリスト)と幅広い視野(ジェネラリスト)の両方の特長を兼ねそなえた、現実の問題解決のための新たな方法論の創造と応用技術の開発を推進できる人材の育成を目指します。

Through education and research activities built upon and systematized by foundational research, the program aims to cultivate individuals who possess both advanced specialization (as specialists) and a broad perspective (as generalists). These individuals will be capable of promoting the creation of new methodologies and the development of applied technologies to solve real-world problems.