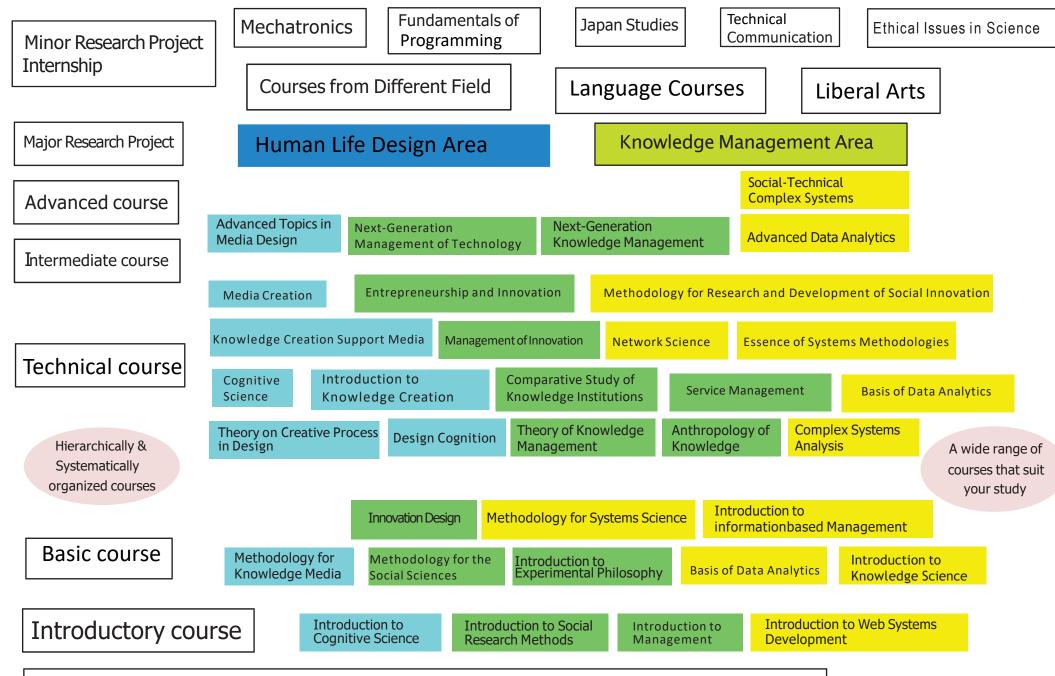
## **Curriculum Mapping (Division of Advanced Science and Technology)**

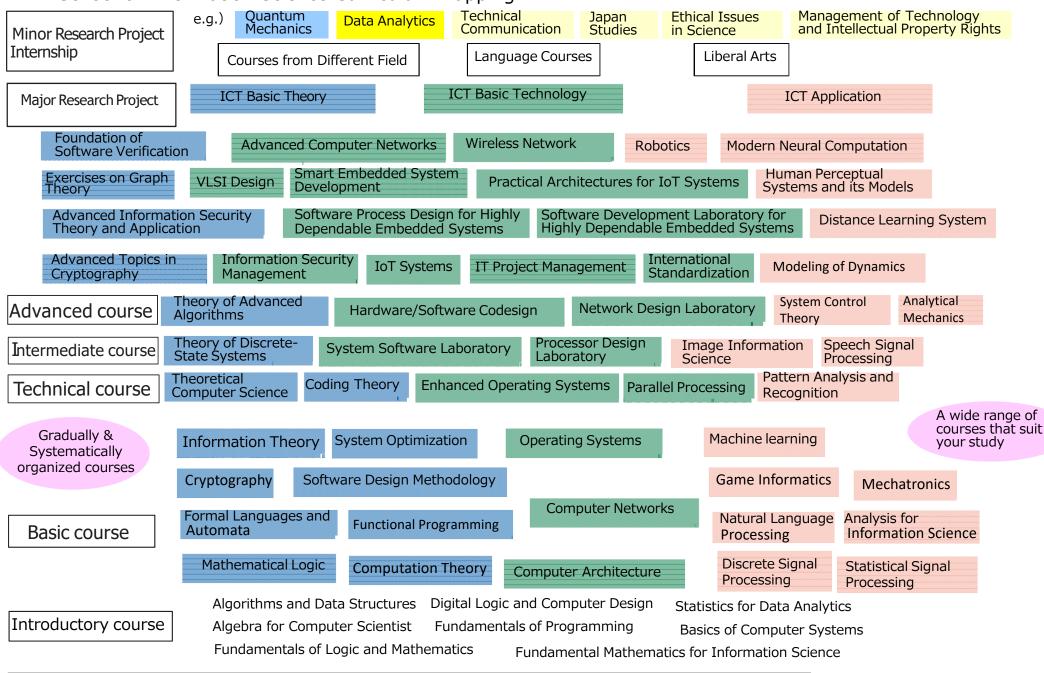
Seeking Degree	Master of Science/ Doctor of Philosophy in Knowledge Science  Master of Science/ Doctor of Philosophy in Information Science  Master of Science/ Doctor of Philosophy in Materials Science
	S601 Advanced Science and Technology Dissertation (Required course)
Advanced	Advanced OO Analytics Algorithms OO Otics Advanced OO Advanced Biomolecular OO
course	OO Complex Systems IoT OO OCodesign Materials OO Quantum OO
	S503 Innovation Theory and Methodology for Total Capability Development (Required course)
	○ Management of Technology Speech Signal ○ Software ○ Software ○
Intermediate course	Advanced Topics in Media OO Image Information OO Systems OO Design
	S501 Advanced Science and Technology Minor Research Project / S502 Advanced Science and Technology Internship (Required elective course)
	S401 Science and Technology Minor Research Project / S402 Science and Technology Internship (Required elective course)
Technical	Cognitive OO OO Systems OO Analysis and Recognition
course	Innovation O Media O Computer Science Computational Material O Device O
	S201 Science and Technology Thesis / S202 Science and Technology Project Report / S203 Science and Technology Survey for Doctoral Research Plan (Required elective course)
Basic course	Methodology for ○○ Media Methodology for ○○ Sciences Mathematical ○○ Cryptography ○○ Mechanics Bioorganic ○○
course	Game OO Computational OO Design
	S102 Innovation Theory and Methodology for Creativity (Required course)
Introductory course	Introduction to OO Science Algorithms OO Introduction to OO with Training Course
Course	Introduction to OO Research Methods OO Knowledge Science Fundamental Mathematics for OO Physics OO Bioscience
	S101 Innovation Theory and Methodology for Social Competencies (Required course)
Global Liberal Arts course	○○ Issues in Science Writing and Presentation ○○ ○○ Technical Japanese
Global Communication course	○○ Theory ○○ Discussion
	For Doctoral program students For Master's program students

## School of Knowledge Science Curriculum Mapping



Innovation Theory and Methodology for Total Capability Development

## School of Information Science Curriculum Mapping



Innovation Theory and Methodology for Total Capability Development

