

Policy on the Conferment of Degrees
Chiba University Graduate School of Engineering

【Master's Programs】

Individuals must have acquired the knowledge and capabilities described below beyond the foundation of their bachelor's degrees to be eligible for conferment of master's degrees.

- “The spirit of freedom and independence”

Individuals must have systematic understanding of natural science as independent engineering specialists and as personnel with highly intelligent grounding that support knowledge-based society.

Individuals must be able to take initiative by following the social norm, utilizing acquired knowledge and flexible thinking ability.

- “Involvement in society from a global perspective”

Individuals must have understanding of diversified domestic and international cultures, values, societies, nature and environment, and have flexible thinking and communication ability from the global perspective necessary to coordinate with society as specialists.

- “Specialized knowledge, skills and abilities”

Individuals must possess broad and high level of specialized knowledge not only in their major field of study but also in interdisciplinary areas in comprehensive and systematic manners. Individuals must have acquired ability to take initiative to solve the issues based on the flexible and logical thinking and deep insight.

- “Excellent problem-solving skills”

Individuals must be able to solve the issues that require highly specialized engineering knowledge and state-of-the-art technology by integrating and organizing the knowledge of related fields and by taking a lead in sharing and cooperating with others.

【Doctoral Programs】

Individuals must have acquired the knowledge and capabilities described below beyond the foundations of their bachelor program, master's program and first stage doctoral program to be eligible for doctoral programs.

- “The spirit of freedom and independence”

As students who aspire to become researchers or university faculty members that play a central role in various research and educational institutes of industry or government, individuals must be able to set up their own research projects in engineering field and able to conduct independent research activities.

- “Involvement in society from a global perspective”

Individuals must have global perspective, and be able to set up their own research themes and independently perform research and development in liaison with society in and outside of Japan. And they must be able to present the research result interdisciplinary and internationally. Individuals must have understanding of various cultures and history so that they are able to act as leaders at domestic and

international educational/research organizations.

- “Specialized knowledge, skills and abilities”

Individuals must have acquired creative research and development ability based on the high level of knowledge in their specialty, and be able to contribute to new findings. Individuals must be able to develop the leading research using the broad range of specialized knowledge, and be able to plan and administer research and development projects.

- “Excellent problem-solving skills”

Individuals must be able to take a lead in coordinating and cooperating with others by sharing the information and knowledge of their specialty. Individuals must be able to conduct highly sophisticated and original intellectually creative activities that support a knowledge-based society.