Changes to the Entrance Examination Content of the Department of Mechanical and Aerospace Engineering (Mechanical Systems Engineering, Finemechanics, Robotics, and Aerospace Engineering)

The examination contents for the Master's Program will be changed as listed below, starting with the Entrance Examination in August 2026.

＊The revised sections are underlined.

(Master's Program: Regular Program)

Subjects	Description
English	At the time of application, submit TOEFL ®or TOEIC® score sheet no older than two years before the examination. TOEFL iBT Home Edition scores are also accepted. The applicants whose native tongue is considered to be English must make a contact with the Graduate Academic Affairs Section for required documents.
Basic knowledge of mathematics required in mechanical engineering will be tested. The main scope is as follows:	
Math A (mandatory)	Differential and Integral Calculus, Linear Algebra, Vector Analysis, etc.
Math B (mandatory)	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms, etc.
~~Specialized subjects~~	~~Select two subjects among fluid dynamics, electromagnetics, quantum mechanics, strength of materials, and radiation basics.~~
Interview (online)	

(Master's Program: Special Selection Program for Prospective September Graduates and Graduates, Special Selection Program for Graduates of the Early Graduation System)

Subjects	Description
English	At the time of application, submit TOEFL ®or TOEIC® score sheet no older than two years before the examination. TOEFL iBT Home Edition scores are also accepted. The applicants whose native tongue is considered to be English must make a contact with the Graduate Academic Affairs Section for required documents.
Basic knowledge of mathematics required in mechanical engineering will be tested. The main scope is as follows:	
Math A (mandatory)	Differential and Integral Calculus, Linear Algebra, Vector Analysis, etc.
Math B (mandatory)	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms, etc.
~~Specialized subjects~~	~~Select two subjects among fluid dynamics, electromagnetics, quantum mechanics, strength of materials, and radiation basics.~~
Interview	

(Master's Program: Special Selection Program for Foreign Students)

Subjects	Description
English	At the time of application, submit TOEFL ®or TOEIC® score sheet no older than two years before the examination. TOEFL iBT Home Edition scores are also accepted. The applicants whose native tongue is considered to be English must make a contact with the Graduate Academic Affairs Section for required documents.
Basic knowledge of mathematics required in mechanical engineering will be tested. The main scope is as follows:	
Math A (mandatory)	Differential and Integral Calculus, Linear Algebra, Vector Analysis, etc.
Math B (mandatory)	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms, etc.
~~Specialized subjects~~	~~Select two subjects among fluid dynamics, electromagnetics, quantum mechanics, strength of materials, and radiation basics.~~
Interview	Questions about your studies up to now and research plans after entering this program.

(Master's Program: Special Selection Program for Working Adults)

Subjects	Description
~~*Choose any two of the seven subjects (Math A, Math B, and five specialized subjects).~~ Basic knowledge of mathematics required in mechanical engineering will be tested. The main scope is as follows:	
Math A (mandatory)	Differential and Integral Calculus, Linear Algebra, Vector Analysis, etc.
Math B (mandatory)	Ordinary Differential Equations, Partial Differential Equations, Fourier Series and Fourier Transforms, Laplace Transforms, etc.
~~Specialized subjects~~	~~Select two subjects among fluid dynamics, electromagnetics, quantum mechanics, strength of materials, and radiation basics.~~
Interview	Questions about your studies up to now and research plans after entering this program. English ability may also be asked about.

(Master's Program: IMAC-G)

Subjects	Description
English	Submit TOEFL, TOEIC or IELTS score sheet at the submission of applications. The applicants whose native tongue is considered to be English must make a contact with the Graduate Academic Affairs Section for required documents. Not required if currently a student of IMAC-U Undergraduate Program.
Written exam	Basic knowledge of mathematics required in mechanical engineering will be tested. The main scope is as follows: Mathematics (Differential and Integral Calculus, Linear Algebra, Vector Analysis, Fourier Series and Fourier Transforms, Laplace Transforms, Ordinary Differential Equations, Partial Differential Equations, etc.) ~~Two selective subjects from Thermodynamics, Fluid Dynamics, Strength of Materials, Dynamics of Mechanical Systems, and Control Engineering~~
Interview	Bachelor thesis, research project(s), or other equivalent exercise(s) which you undertook in your undergraduate program and research plan after enrollment.