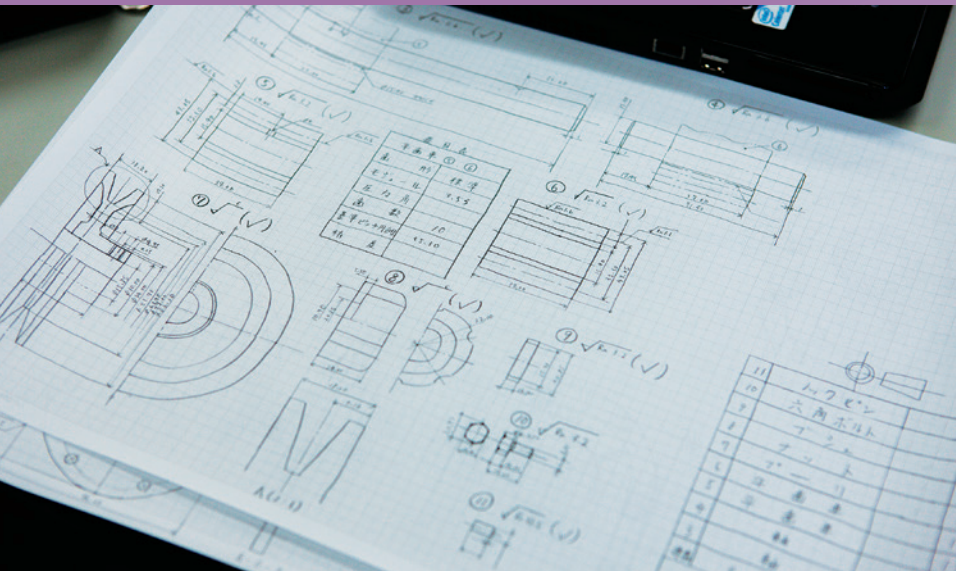




大阪市立大学

OSAKA CITY UNIVERSITY

PROSPECTUS



## Contributing to Sustainable Development

<http://www.eng.osaka-cu.ac.jp>

Science and technology today, as typified by IT and biotechnology, have been developed through the studies of engineering, and have contributed to dramatic improvements in society and industries.

On the other hand, in the 21st century, humanity is facing various problems including global environmental problems that we never experienced before, and thus we now have the challenge of developing nature-conscious Soft Technology.

The School of Engineering established one of the nationally best education systems with 5 departments to cultivate human resources who can efficiently deal with the diversified and sophisticated needs of society.

The origin of engineering comes from intellectual curiosity and infinite inquisitive spirits of youths. We are looking for students who have dreams and hopes for future science and technology. Shall we take part in making challenging new technology for the 21st century together?

Undergraduate		Graduate
Department	Research Fields	Department
Mechanical Engineering	Thermal Engineering, Fluid Engineering, Machine Dynamics, Production Engineering, Power System Engineering, Smart Composites Engineering, Materials Modeling & Evaluation, Materials Physics & Mechanics, Materials Functioning & Engineering	Mechanical & Physical Engineering
Applied Physics & Electronics	Electromagnetics, Electronic Materials & Measurements, Optical Properties & Functions of Materials, Design of Material Properties, Physical Wave Electronics, Advanced Spectroscopy & Measurement, Mathematical Physics	Physical Electronics & Informatics
Electric & Information Engineering	Electronic Circuits, Optoelectronics, Electromagnetic Devices, Information System Engineering, Information Processing Engineering, Knowledge & Data Engineering, Information Networking Engineering, Communication System Engineering	
Applied Chemistry & Bioengineering	Inorganic Industrial Chemistry, Organic Industrial Chemistry, Polymer Chemistry, Industrial Physical Chemistry, Material Chemistry, Biomolecular Engineering, Biochemical Engineering, Biofunctional Engineering, Biomaterials Engineering, Cell Engineering	Applied Chemistry & Bioengineering
Architecture & Building Engineering	Disaster Prevention for Architecture, Structural Engineering for Architecture, Architectural Environmental Engineering, Architectural Planning, Architectural Design, Spatial & Graphic Science	Urban Engineering
Urban Design & Engineering	Urban Planning & Design, Urban Environmental Planning, Estuarine & Coastal Ecosystem Engineering, Urban Recycle Engineering, Structural & Concrete Engineering, Applied Structural Engineering, Geotechnical Engineering, Infrastructure Planning & Transportation Engineering, Hydraulic Engineering, Spatial & Graphic Science	
Applied Mathematics & Miscellaneous	Applied Mathematics, Machine Work Shop	(Mechanical & Physical Engineering)