



Graduate Diploma in Engineering Science

Cognate discipline list:

Specialisation	Cognate Discipline
Biomedical Engineering	Any Engineering
Chemical Process Engineering	Any Engineering, Food technology, Biotechnology, Wine Engineering, Biomedical Engineering, Chemistry, Applied Chemistry, Chemical Technology, Materials Engineering, Materials Science, Applied Chemical Technology, Functional Materials, Polymer Technology, Biomolecular Engineering, Bioengineering, Petroleum Engineering, Environmental Engineering, Pharmaceutical Manufacturing Engineering, Oil and Gas Engineering, Pharmaceutical Technology, Chemical Engineering, Chemical Process Engineering, Polymer Engineering, Polymer Materials Engineering, Food Engineering, Bioprocess Engineering, Chemical and Biomolecular Engineering, Chemical and Materials Engineering, Pharmaceutical and Chemical Engineering, Chemical Engineering and Nanotechnology, Pulp and Paper Engineering, Petrochemical Engineering, Food Process Engineering, Food Science and Engineering, Pharmaceutical Engineering, Biopharmaceutical Engineering, Mineral Process Engineering, Process Engineering, Mineral Processing and Extractive Metallurgy, Biochemical Engineering, Chemical Engineering and Technology
Civil Engineering	Any Engineering, Civil Engineering, Civil, Civil with Architecture, Geotechnical, Building Environment and Energy Engineering, Industrial, Manufacturing, Materials, Mechanical, Mechatronic, Mining, Naval, Structure Engineering, Traffic Engineering, Water Conservance and Hydropower Engineering, Building Environmental & Energy Eng, Industrial Eng, Petroleum, Manufacturing, Mechanical, Mechatronic, Materials Eng, Mining, Naval, Structural
Electrical Engineering	Automation and Control, Photonics Engineering, Optoelectronic Engineering, Renewable Engineering, Mechatronics

Energy Systems	Electronics Engineering, Telecommunication Engineering, Automation and Control, Photonics Engineering, Optoelectronics Engineering, Renewable Engineering
Environmental Engineering	Any Engineering
Food Process Engineering	Applied Chemistry, Any Engineering, Chemistry, Chemical Technology, Biology, Biochemistry, Food Safety, Food Safety and Quality, Grape Wine Engineering, Polymer Engineering, Polymer Technology, Materials Engineering, Food Science, Food Science and Nutrition, Biosciences, Nutritional Sciences, Food Science and Human Nutrition, Food Science and Management, Food and Agriculture, Food and Agribusiness, Chemical Engineering, Food Engineering, Food Process Engineering, Food Science and Engineering, Food Science and Technology, Biotechnology, Bioengineering, Food Technology, Bioprocessing, Biomolecular Engineering, Food Processing, Food Engineering, Biochemical Engineering
Geotechnical Engineering and Engineering Geology	Any Engineering
Mechanical and Advanced Manufacturing Engineering	Any Engineering, Mining Engineering, Naval Engineering, Production Engineering, Aircraft Manufacturing, Industrial Engineering, Manufacturing Engineering, Mechanical Engineering, Mechatronic Engineering, Mechanical Design, Manufacturing and Automation, Aerospace Engineering
Nuclear Engineering	Any Engineering, Industrial Chemistry, Aerospace Engineering, Biomedical Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Manufacturing Engineering, Material Engineering, Mechanical Engineering, Mechatronic Engineering, Mining Engineering, Naval Engineering, Photovoltaic Engineering, Renewable Energy, Telecommunications Engineering, Nuclear Engineering, Nuclear Science/Technology, Energy Engineering, Aeronautical Engineering
Photovoltaics and Solar Energy	Any Engineering
Project Management	Any Engineering, Any Science
Renewable Energy	Any Engineering
Robotics	Any Engineering, Aerospace Engineering, Software Engineering, Manufacturing Engineering, Mechanical Engineering, Naval Engineering, Aircraft Manufacturing, Electrical Engineering, Electrical Engineering, Mechatronic Engineering, Robotic and Automation, Control Systems Engineering, Mechanical Design, Manufacturing and Automation, Software Engineering
Space Systems Engineering	Mechatronic Engineering, Telecommunications, Power Systems Engineering, Space Systems Engineering, Electrical Engineering, Mechanical Engineering, Aerospace Engineering
Structural Engineering	Any Engineering, Structural Engineering, Civil, Civil with Architecture, Aerospace, Industrial Engineering, Manufacturing, Mechanical, Mechatronic, Mining, Naval
Systems and Control	Photonics Engineering, Optoelectronics Engineering, Mechatronics

Telecommunications	Power Engineering, Power Electronics, Automation and Control
Transport Engineering	Any Engineering
Water Engineering- Catchments to Coasts	Any Engineering
Water, Wastewater and Water Engineering	Any Engineering