

Departments	Chair	Laboratories	Lab Code
Civil and Earth Resources Engineering	Applied Mechanics	Applied Mechanics	CR3000
Civil and Earth Resources Engineering	Structural Engineering	Structural Materials Engineering	CR2000
Civil and Earth Resources Engineering	Structural Engineering	Structural Mechanics	CR1100
Civil and Earth Resources Engineering	Structural Engineering	Bridge Engineering	CR1200
Civil and Earth Resources Engineering	Structural Engineering	Structural Dynamics	CR1001
Civil and Earth Resources Engineering	Structural Engineering		CR1002
Civil and Earth Resources Engineering	Hydraulic Engineering	Environmental Hydrodynamics(2023-)	CR4102
Civil and Earth Resources Engineering	Hydraulic Engineering	Hydrology and Water Resources Engineering	CR4101
Civil and Earth Resources Engineering	Geomechanics	Geomechanics	CR4200
Civil and Earth Resources Engineering	Geomechanics	Infrastructure Innovation Engineering	CR4202
Civil and Earth Resources Engineering	Geoinformatics	Geoinformatics	CR0001
Civil and Earth Resources Engineering	Urban Infrastructure Design	Urban and Landscape Design	CR0002
Civil and Earth Resources Engineering	Urban Infrastructure Design	Urban Coast Design	CR0003
Civil and Earth Resources Engineering	Earth Resources Engineering	Geophysics	CR5100
Civil and Earth Resources Engineering	Earth Resources Engineering	Earth Crust Engineering	CR5300
Civil and Earth Resources Engineering	Earth Resources Engineering	Measurement and Evaluation Technology	CR5400
Civil and Earth Resources Engineering	Disaster Prevention Engineering	Erosion and Sediment Runoff Control Engineering	CRA100
Civil and Earth Resources Engineering	Disaster Prevention Engineering	Hydroscience and Hydraulic Engineering	CRA200
Civil and Earth Resources Engineering	Disaster Prevention Engineering	Geotechnics for Hazard Mitigation	CRA300
Civil and Earth Resources Engineering	Disaster Prevention Engineering	Hydrometeorological Disasters Engineering	CRA002
Civil and Earth Resources Engineering	Disaster Prevention Engineering	Maritime Disaster Prevention Engineering	CRA003
Civil and Earth Resources Engineering	Disaster Prevention Engineering	Innovative Disaster Prevention Technology and Policy Research	CRA004
Civil and Earth Resources Engineering	Disaster Prevention Engineering	Waterfront and Marine Geohazards	CRA400
Civil and Earth Resources Engineering	Computational Science	Computational Science	CRA005
Urban Management	Earthquake and Lifeline Engineering	Earthquake and Lifeline Engineering	UM4200
Urban Management	River System Engineering and Management		UM5200
Urban Management	Geo-Management	Construction Engineering and Management	UM5100
Urban Management	Geo-Management	Geofront System Engineering	UM5001
Urban Management	Geo-Management	International Urban Development (G30)	UM5003
Urban Management	Urban Systems Planning	Planning and Management Systems	UM1100
Urban Management	Urban Systems Planning	Urban and Regional Planning	UM1200
Urban Management	Urban Management Systems	Urban Management Systems	UM2001
Urban Management	Transportation Engineering and Management	Intelligent Transport Systems	UM3100
Urban Management	Transportation Engineering and Management	Travel Behavior Analysis	UM3200
Urban Management	Earth Resource Sciences	Environmental Geosphere Engineering	UM0002
Urban Management	Earth Resource Sciences	Earth and Resource System	UM5002
Urban Management	Urban and Regional Disaster Control	Dynamics of Foundation Structures	UMA100
Urban Management	Urban and Regional Disaster Control	Regional Water Environment Systems	UMA200
Urban Management	Urban and Regional Disaster Control	Water Resources Engineering	UMA001
Urban Management	Urban and Regional Disaster Control	Disaster Risk Management	UMA400
Urban Management	Urban and Regional Disaster Control	Environmental Disaster Mitigation Management	UMA002
Urban Management	Urban and Regional Disaster Control	Urban Flood Control	UMA500
Environmental Engineering	Environmental Design Engineering	Environmental Design Engineering	UE8000
Environmental Engineering	Environmental Health	Environmental Health	UEC000
Environmental Engineering	Environmental Systems Engineering	Water Quality Engineering	UED100
Environmental Engineering	Environmental Systems Engineering	Environmental Risk Analysis	UED200
Environmental Engineering	Environmental Systems Engineering	Atmospheric and Thermal Environmental Engineering(2018-)	UED301
Environmental Engineering	Environmental Systems Engineering	Urban Sanitary Engineering Sub-department	UED001
Environmental Engineering	Environmental Material Science and Technology	Environmental Quality Control	UEI100
Environmental Engineering	Environmental Material Science and Technology	Environmental Quality Evaluation	UEI200
Environmental Engineering	Environmental Material Science and Technology	Environmental Preservation Engineering	UEI300
Environmental Engineering	Environmental Material Science and Technology	Environmental Radionuclide Science and Engineering	UEI400
Environmental Engineering	Environmental Material Science and Technology	Radioactive Waste Management	UEI500
Environmental Engineering	Environmental Material Science and Technology	Safety and Occupational Health Engineering	UEI301
Architecture and Architectural Engineering	Regenerative Preservation of Built Environment	Regenerative Preservation of Built Environment	AR1000
Architecture and Architectural Engineering	Architecture and Environmental Engineering	Architecture and Environmental Engineering	AR6000
Architecture and Architectural Engineering	History of Architecture	History of Architecture	AR7000
Architecture and Architectural Engineering	History of Architecture	Architectural History, Theory, and Criticism	AR7001
Architecture and Architectural Engineering	Construction Technology of Building Structures	Construction Technology of Building Structures	AR8000
Architecture and Architectural Engineering	Architectural and Environmental Planning	Architectural and Environmental Planning	AR3100
Architecture and Architectural Engineering	Architectural and Environmental Planning	Building Environment Control	AR3400
Architecture and Architectural Engineering	Architectural Design and Theory	Architectural Design and Theory	AR2100
Architecture and Architectural Engineering	Architectural Design and Theory	Architectural and Environmental Design	AR2300
Architecture and Architectural Engineering	Structural Engineering of Building	Structural Engineering of Building	AR4100
Architecture and Architectural Engineering	Architectural Construction Engineering	Architecture System and Management	AR5100
Architecture and Architectural Engineering	Architectural Construction Engineering	Space Development and Structural Systems	AR5200
Architecture and Architectural Engineering	Sustainable Built Environmental Engineering	Sustainable Built Environmental Engineering	AR0003
Architecture and Architectural Engineering	Housing and Environmental Design	Housing and Environmental Design	AR0002
Architecture and Architectural Engineering	Built Environment Materials and Structural Systems	Built Environment Materials and Structural Systems	AR0001
Architecture and Architectural Engineering	Architectural Environment Systems	Environmental Acoustics	AR0004
Architecture and Architectural Engineering	Architectural Environment Systems	Building Geoenvironment Engineering	AR0005
Architecture and Architectural Engineering	Disaster Mitigation Engineering	Earthquake Resistant Engineering	ARA100
Architecture and Architectural Engineering	Disaster Mitigation Engineering	Structural Safety Control	ARA200
Architecture and Architectural Engineering	Disaster Mitigation Engineering	Architectural Wind Engineering	ARA300
Architecture and Architectural Engineering	Space Safety Engineering	Earthquake Resistant Design for Structures	ARC001
Architecture and Architectural Engineering	Space Safety Engineering	Disaster Mitigation Planning of Cities	ARC002
Mechanical Engineering and Science	Design and Control of Mechanical Systems	Design and Control of Mechanical Systems	KR1000
Mechanical Engineering and Science	Mechanics of Engineering Materials	Mechanics of Adaptive Materials and Structures	KR3100
Mechanical Engineering and Science	Mechanics of Engineering Materials	Solid Mechanics(2017-)	KR3201
Mechanical Engineering and Science	Fluids Engineering and Science	Environmental Fluids and Thermal Engineering(2023-)	KR4101

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Mechanical Engineering and Science	Fluids Engineering and Science	Fluid Physics	KR4200
Mechanical Engineering and Science	Fluids Engineering and Science	Thermal System Engineering	KRA101
Mechanical Engineering and Science	Engineering Physics	Optical Engineering	KR5100
Mechanical Engineering and Science	Engineering Physics	Materials Science	KR5200
Mechanical Engineering and Science	Engineering Physics	Thermal Physics	KR5300
Mechanical Engineering and Science	Engineering Mechanics	Mechanism and Motion Engineering	KR6300
Mechanical Engineering and Science	Engineering Mechanics	Machine Element and Functional Device Engineering	KR6301
Mechanical Engineering and Science	Frontier Mechanical Engineering and Science	Frontier System Engineering and Science	KR7001
Mechanical Engineering and Science	Frontier Mechanical Engineering and Science	Frontier Design Engineering and Science	KR7000
Mechanical Engineering and Science	Radiation and Material Engineering	Materials and Radiation	KRB100
Mechanical Engineering and Science	Radiation and Material Engineering	Quantum Beam Materialography	KRB200
Mechanical Engineering and Science	Multifunctional Device Design Engineering	Multifunctional Device Design Engineering	KR8000
Micro Engineering	Strength of Materials and Structures	Strength of Materials and Structures (2022-)	MR1001
Micro Engineering	Nano System Engineering	Micro Biosystems	MR2100
Micro Engineering	Nano System Engineering	Nano/Micro System Engineering	MR2200
Micro Engineering	Nano Science	Nanomaterials Engineering	MR3100
Micro Engineering	Nano Science	Life and Mathematical Sciences	MR3200
Micro Engineering	Micro System Engineering	Manufacturing of Micro Systems	MR4100
Micro Engineering	Micro System Engineering	Precision Measurement and Manufacturing	MR4200
Micro Engineering	Nano Bio-mechanics	Bio-mechanics	MRA001
Micro Engineering	Nano Bio-mechanics	Nano Bioengineering	MRA002
Aeronautics and Astronautics	Dynamics in Aeronautics and Astronautics	Dynamics in Aeronautics and Astronautics	AA1000
Aeronautics and Astronautics	Fundamental Studies in Aeronautics and Astronautics	Fluid Dynamics	AA2100
Aeronautics and Astronautics	Fundamental Studies in Aeronautics and Astronautics	Mathematical Fluid Mechanics	AA2400
Aeronautics and Astronautics	Fundamental Studies in Aeronautics and Astronautics	Propulsion Engineering	AA2200
Aeronautics and Astronautics	System Engineering in Aeronautics and Astronautics	Systems and Control	AA4100
Aeronautics and Astronautics	System Engineering in Aeronautics and Astronautics	Mechanics of Functional Solids and Structures	AA4201
Nuclear Engineering	Quantum and Beam Science	Quantum and Beam Science	NE0400
Nuclear Engineering	Quantum Science and Engineering	Quantum Science and Engineering	NEA100
Nuclear Engineering	Basic Quantum Engineering	Quantum Physics	NE0200
Nuclear Engineering	Basic Quantum Engineering	Neutron physics and Engineering	NE0500
Nuclear Engineering	Nuclear Energy Science	Nuclear Materials	NE0100
Nuclear Engineering	Nuclear Energy Science	Nuclear Energy Conversion	NE0300
Nuclear Engineering	Nuclear Energy Science	Quantum Engineering System	NE0700
Nuclear Engineering	Nuclear System Engineering	Neutron Sources and Applications	NEB100
Nuclear Engineering	Nuclear System Engineering	Neutron Optics and Their Applications	NEB200
Nuclear Engineering	Nuclear System Engineering	Condensed-Matter Chemistry of Heavy Elements	NEB301
Nuclear Engineering	Nuclear System Engineering	Radiation Medical Physics	NEB400
Materials Science and Engineering	Metallic Materials Design	Metallic Materials Design(2020-)	MS1101
Materials Science and Engineering	Metallic Materials Design	Design of Advanced Materials and Global Education	MS1102
Materials Science and Engineering	Basic Science of Advanced Materials	Basic Science of Advanced Materials	MSA100
Materials Science and Engineering	Materials Processing	Aqueous Processing of Materials	MS2100
Materials Science and Engineering	Materials Processing	Materials Informatics	MS2200
Materials Science and Engineering	Materials Processing	Nanostructural Design of Advanced Materials	MS2300
Materials Science and Engineering	Basic Science of Materials	Materials Design Through Quantum Theory	MS3100
Materials Science and Engineering	Basic Science of Materials	Property Control of Crystalline Materials	MS3200
Materials Science and Engineering	Basic Science of Materials	Structural Properties of Materials	MS3300
Materials Science and Engineering	Basic Science of Materials	Magnetism and Magnetic Materials	MS4100
Materials Science and Engineering	Basic Science of Materials	Electrochemistry and Hydrometallurgy(2012-)	MS0001
Materials Science and Engineering	Basic Science of Materials	Nanoscope Surface Architecture	MS4300
Materials Science and Engineering	Properties of Advanced Materials	Properties of Advanced Materials	MSA200
Electrical Engineering	Biomedical Engineering	Biological Function Engineering	EE3100
Electrical Engineering	Electromagnetic Engineering	Electromagnetic Energy Engineering	EE2100
Electrical Engineering	Electromagnetic Engineering	Applied Superconductivity	EE2200
Electrical Engineering	Electromagnetic Engineering	Electrical and Electromagnetic Circuit	EE4100
Electrical Engineering	Advanced Electrical Systems Theory	Advanced Electrical Systems Theory	EE3200
Electrical Engineering	Fundamentals of Systems	Automatic Control Engineering	EE4200
Electrical Engineering	Fundamentals of Systems	Innovative Systems Theory	EE4301
Electrical Engineering	Radio Engineering	Space Radio Engineering	EEA100
Electrical Engineering	Radio Engineering	Microwave Energy Transmission	EEA200
Electrical Engineering	Radio Engineering	Space Radio Science Simulation	EEA300
Electrical Engineering	Advanced Electric Machinery Engineering for Sustainable	Advanced Electric Machinery Engineering for Sustaining Global Environment	EEC010
Electronic Science and Engineering	Integrated Function Engineering	Integrated Function Engineering	ES1000
Electronic Science and Engineering	Applied Electronic Physics	Applied Nano-electronics	ES2100
Electronic Science and Engineering	Applied Electronic Physics	Applied Quantum Electronics	ES2201
Electronic Science and Engineering	Functional Electronic Science and Engineering	Semiconductor Science and Engineering	ES3100
Electronic Science and Engineering	Functional Electronic Science and Engineering	Electronic Material Science and Engineering	ES3200
Electronic Science and Engineering	Quantum Engineering	Optoelectronic Material Science and Engineering	ES4100
Electronic Science and Engineering	Quantum Engineering	Quantum Optoelectronics	ES4200
Electronic Science and Engineering	Quantum Engineering	Quantum Optical Engineering	ES4300
Electronic Science and Engineering	Advanced Functional Materials Engineering	Nano-Process Engineering(2018-)	ESA101
Material Chemistry	Functional Materials Design		MC1001
Material Chemistry	Inorganic Material Chemistry	Inorganic Structural Chemistry(2017.8-)	MC1000
Material Chemistry	Inorganic Material Chemistry	Industrial Solid-State Chemistry	MC2200
Material Chemistry	Organic Material Chemistry	Organic Reaction Chemistry	MC3100
Material Chemistry	Organic Material Chemistry	Organic Chemistry of Natural Products	MC3200
Material Chemistry	Organic Material Chemistry	Analytical Chemistry of Materials	MC3300
Material Chemistry	Polymer Material Chemistry	Polymer Physics and Function	MC4100
Material Chemistry	Polymer Material Chemistry	Bio-related Material Chemistry	MC4200
Energy and Hydrocarbon Chemistry	Energy Conversion Chemistry	Energy Conversion Chemistry(2010-)	EH0001

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