

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	Fluid Resources and Energy Science	CR5401
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	Dynamics of Foundation Structures	UMA100
Urban Management	Urban and Regional Disaster Control	Water Resources Engineering	UMA001
Urban Management	Urban and Regional Disaster Control	Dynamics of Foundation Structures	UMA100
Urban Management	Urban and Regional Disaster Control	Environmental Disaster Mitigation Management	UMA002
Urban Management	Urban and Regional Disaster Control	Dynamics of Foundation Structures	UMA100
Environmental Engineering	Environmental Design Engineering	Environmental Design Engineering	UEB000
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	Architectural Design and Theory	Architectural Urbanism	AR2301
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	Structural Dynamics of Buildings	AR0006
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
Chemical Science and Engineering	Design and Control of Mechanical Systems	Design and Control of Mechanical Systems	KR1000
Chemical Science and Engineering	Mechanics of Engineering Materials	Mechanics of Adaptive Materials and Structures	KR3100
Chemical Science and Engineering	Mechanics of Engineering Materials	Solid Mechanics(2017-)	KR3201
Chemical Science and Engineering	Fluids Engineering and Science	Environmental Fluids and Thermal Engineering(2023-)	KR4101
Chemical Science and Engineering	Fluids Engineering and Science	Thermal System Engineering	KRA101
Chemical Science and Engineering	Engineering Physics	Optical Engineering	KR5100
Chemical Science and Engineering	Engineering Physics	Materials Science	KR5200
Chemical Science and Engineering	Engineering Physics	Thermal Physics	KR5300
Chemical Science and Engineering	Engineering Mechanics	Mechanism and Motion Engineering	KR6300
Chemical Science and Engineering	Engineering Mechanics	Machine Element and Functional Device Engineering	KR6301
Chemical Science and Engineering	Mechanical Dynamics	Robotics	KR7001
Chemical Science and Engineering	Frontier Mechanical Engineering and Science	Frontier Design Engineering and Science	KR7000
Chemical Science and Engineering	Radiation and Material Engineering	Materials and Radiation	KRB100
Chemical Science and Engineering	Radiation and Material Engineering	Quantum Beam Materialography	KRB200
Chemical Science and Engineering	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

Departments	Chair	Laboratories	Lab Code
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	Materials Processing	Aqueous Processing of Materials	MS2100
Materials Science and Engineering	Materials Processing	Materials Informatics	MS2200
Materials Science and Engineering	Basic Science of Advanced Materials	Basic Science of Advanced Materials	MSA100
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	Properties of Advanced Materials	Properties of Advanced Materials	MSA200
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	Nanosopic Surface Architecture	MS4300
Electrical, Electronic, and Digital Science and Engineering	Digital and Green Science and Engineering	Electrical and Information Systems	EE3200
Electrical, Electronic, and Digital Science and Engineering	Digital and Green Science and Engineering	Spatio-Temporal Sensing	EE3100
Electrical, Electronic, and Digital Science and Engineering	Digital and Green Science and Engineering	Applied Digital Engineering	ED0001
Electrical, Electronic, and Digital Science and Engineering	Digital and Green Science and Engineering	Intelligent Circuit Design	EE4100
Electrical, Electronic, and Digital Science and Engineering	Digital and Green Science and Engineering	Physical and Information Engineering	ES4200
Electrical, Electronic, and Digital Science and Engineering	Digital and Green Science and Engineering	Advanced Optoelectronic Device Engineering	ES4100
Electrical, Electronic, and Digital Science and Engineering	Systems and Biomedical Engineering	Automatic Control Engineering	EE4200
Electrical, Electronic, and Digital Science and Engineering	Systems and Biomedical Engineering	Innovative Systems Theory	EE4301
Electrical, Electronic, and Digital Science and Engineering	Electromagnetic Engineering	Applied Superconductivity	EE2200
Electrical, Electronic, and Digital Science and Engineering	Electromagnetic Engineering	Electromagnetic Energy Engineering	EE2100
Electrical, Electronic, and Digital Science and Engineering	Radio Engineering	Space Radio Science Simulation	EEA300
Electrical, Electronic, and Digital Science and Engineering	Radio Engineering	Space Radio Engineering	EEA100
Electrical, Electronic, and Digital Science and Engineering	Radio Engineering	Microwave Energy Transmission	EEA200
Electrical, Electronic, and Digital Science and Engineering	Advanced Electric Machinery Engineering for Sustaining Global Environment	Advanced Electric Machinery Engineering for Sustaining Global Environment	EEC010
Electrical, Electronic, and Digital Science and Engineering	Frontier Electronic Functional Engineering	Frontier Electronic Functional Engineering	ES1000
Electrical, Electronic, and Digital Science and Engineering	Applied Quantum Physics	Condensed-Matter Physical Electronics	ES2100
Electrical, Electronic, and Digital Science and Engineering	Applied Quantum Physics	Photonic Quantum Information	ES2201
Electrical, Electronic, and Digital Science and Engineering	Functional Electronic Science and Engineering	Semiconductor Science and Engineering	ES3100
Electrical, Electronic, and Digital Science and Engineering	Functional Electronic Science and Engineering	Electronic Material Science and Engineering	ES3200
Electrical, Electronic, and Digital Science and Engineering	Quantum Engineering	Quantum Optical Engineering	ES4300
Electrical, Electronic, and Digital Science and Engineering	Advanced Functional Materials Engineering	Nano-Process Engineering(2018-)	ESA101
Chemical Science and Engineering	Material Chemistry	Functional Materials Design	MC1001
Chemical Science and Engineering	Material Chemistry	Inorganic Structural Chemistry(2017.8-)	MC1000
Chemical Science and Engineering	Material Chemistry	Industrial Solid-State Chemistry	MC2200
Chemical Science and Engineering	Material Chemistry	Organic Reaction Chemistry	MC3100
Chemical Science and Engineering	Material Chemistry	Organic Molecular Chemistry	MC3200
Chemical Science and Engineering	Material Chemistry	Analytical Chemistry of Materials	MC3300
Chemical Science and Engineering	Material Chemistry	Polymer Physics and Function	MC4100
Chemical Science and Engineering	Material Chemistry	Bio-related Material Chemistry	MC4200
Chemical Science and Engineering	Energy Conversion Chemistry	Solid State Chemistry	EH0001
Chemical Science and Engineering	Energy Conversion Chemistry	Applied Electrochemistry	EH2100
Chemical Science and Engineering	Energy Conversion Chemistry	Catalyst Materials	EH4100
Chemical Science and Engineering	Energy Conversion Chemistry	Catalyst Design Engineering	EH4300
Chemical Science and Engineering	Functional Chemistry	Functional Materials	EH2200
Chemical Science and Engineering	Functional Chemistry	Hydrocarbon Chemistry Fundamentals	EH3100
Chemical Science and Engineering	Functional Chemistry	Advanced Biomedical Engineering	EH0001
Chemical Science and Engineering	Functional Chemistry	Catalytic Organic Chemistry	EH4200
Chemical Science and Engineering	Physical Chemistry	Theoretical Chemistry	ML2000
Chemical Science and Engineering	Physical Chemistry	Catalysis Chemistry	ML4100
Chemical Science and Engineering	Physical Chemistry	Photoorganic Chemistry	ML4200
Chemical Science and Engineering	Physical Chemistry	Condensed Matter Physical Chemistry	ML4301
Chemical Science and Engineering	Polymer Synthesis	Functional Polymer Synthesis(2021-)	PC2101
Chemical Science and Engineering	Polymer Synthesis	Synthetic Polymer Chemistry	PC2200
Chemical Science and Engineering	Polymer Synthesis	Polymerization Chemistry	PC2300
Chemical Science and Engineering	Polymer Synthesis	Bio-macromolecular Science	PC3201
Chemical Science and Engineering	Polymer Physics	Advanced Polymer Chemistry	PC1000
Chemical Science and Engineering	Polymer Physics	Polymer Structure and Function	PC3100
Chemical Science and Engineering	Polymer Physics	Polymer Molecular Science	PC3300
Chemical Science and Engineering	Polymer Physics	Fundamental Physical Chemistry	PC3400
Chemical Science and Engineering	Synthetic Chemistry	Organic System Design	SC1000
Chemical Science and Engineering	Synthetic Chemistry	Functional Chemistry(2019-)	SC2401
Chemical Science and Engineering	Synthetic Chemistry	Physical Organic Chemistry	SC2500
Chemical Science and Engineering	Synthetic Chemistry	Organometallic Chemistry	SC2300
Chemical Science and Engineering	Biological Chemistry	Bioorganic Chemistry	SC3100
Chemical Science and Engineering	Biological Chemistry	Molecular Biology	SC3200
Chemical Science and Engineering	Biological Chemistry	Biorecognition Chemistry	SC3300
Chemical Science and Engineering	Biological Chemistry	Biochemical Engineering	SC3400
Chemical Science and Engineering	Chemical Engineering	Soft Matter Engineering	CG0100
Chemical Science and Engineering	Chemical Engineering	Surface Control Engineering	CG0200
Chemical Science and Engineering	Chemical Engineering	Chemical Reaction Engineering	CG0300
Chemical Science and Engineering	Chemical Engineering	Separation Engineering	CG0400
Chemical Science and Engineering	Chemical Engineering	Dynamic Interfacial Chemistry	CG0305
Chemical Science and Engineering	Chemical Engineering	Transport Phenomena	CG0304
Chemical Science and Engineering	Process Engineering	Energy Process Engineering(2015-)	CG0302
Chemical Science and Engineering	Process Engineering	Materials Process Engineering	CG0600
Chemical Science and Engineering	Process Engineering	Process Control and Process Systems Engineering	CG0700
Chemical Science and Engineering	Process Engineering	Environmental Process Engineering	CG0800
Chemical Science and Engineering	Element Science	Synthetic Organotransformation	EHA100
Chemical Science and Engineering	Element Science	Structural Organic Chemistry	EHA200
Chemical Science and Engineering	Element Science	Organotransition Metal Chemistry	EHA300

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