


College of Engineering

2022 FALL


BACHELOR 

MASTER 










PH.D 

COURSE NO. & NAME	STUDY LEVEL	FIELD
1908 English for General Engineering		Science and Engineering

Undergraduate Program of Intellectual Creativity Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
1309 English for General Engineering*		Science and Engineering

Department of Mechanical Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
1289 Statics*		Science and Engineering
1290 Statics*		Science and Engineering
2296 Thermodynamics*		Science and Engineering
2297 Thermodynamics*		Science and Engineering
2298 Engineering Mathematics (I)		Science and Engineering
2306 Biology for Engineers and Computer Scientists*		Science and Engineering
3216 System Dynamics		Science and Engineering
5116 Advanced Thermodynamics*	 	Science and Engineering

6736 Design of Thermal Systems	M	Science and Engineering
6738 Special Topics in Mechanical Engineering	M	Science and Engineering
6751 Seminar (I)	M	Science and Engineering
8222 Seminar(III)	M	Science and Engineering

Department of Chemical Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
5110 An Introduction of Thin film Solar Cell*	B M	Science and Engineering
6848 Advanced Kinetics in Chemical Engineering*	M	Science and Engineering
6850 Advanced Transport Phenomena*	M	Science and Engineering

Department of Environmental Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
1300 Introduction to Environmental Science*	B	Science and Engineering
2180 Soil Science	B	Agricultural and Biological Sciences
2324 Microbiology*	B	Agricultural and Biological Sciences
3394 Wastewater Analysis	B	Agricultural and Biological Sciences
6785 Deep Learning and Environmental Management *	M	Science and Engineering
6788 Environmental Toxicology*	M	Science and Engineering
6790 Advanced Oxidation Processes for Water and Wastewater Treatment	M	Science and Engineering
6792 Physical Principle in Environmental Engineering *	M	Science and Engineering
6794 Biological Principle in Environmental Engineering *	M	Science and Engineering

Department of Civil Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
2312 Engineering Mathematics (I) *	B	Science and Engineering
2368 Mechanics of Materials*	B	Science and Engineering
2369 Mechanics of Materials*	B	Science and Engineering

Graduate Institute of Precision Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
6810 Nano Fabrication Technology*	M	Science and Engineering
6873 Microfabrication Technology*	M	Science and Engineering
6877 Micro-Electro-Mechanical Systems (MEMS)*	M	Science and Engineering
6878 Energy Harvesting Technology*	M	Science and Engineering

Graduate Institute of Biomedical Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
6884 Bio-Organic Chemistry*	M	Agricultural and Biological Sciences
6885 Medical Electronics*	M	Agricultural and Biological Sciences
6886 Introduction to Biomedical Engineering*	M	Agricultural and Biological Sciences
6887 Molecular Cell Biology*	M	Agricultural and Biological Sciences
6888 Theranostics (I)*	M	Agricultural and Biological Sciences
6889 Modern Optical Spectroscopy: With Exercises And Examples From Biophysi*	M	Agricultural and Biological Sciences

6890 Seminar (I) *	M	Agricultural and Biological Sciences
7405 Seminar (II) *	M	Agricultural and Biological Sciences
8206 Seminar(III)*	P	Agricultural and Biological Sciences
8208 Basic Anatomy and Physiology (I)*	P	Agricultural and Biological Sciences
8218 Biomaterials and Angiogenesis	P	Agricultural and Biological Sciences
9186 Seminar(IV)*	P	Agricultural and Biological Sciences

Department of Materials Science and Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
2344 Mechanics of Materials*	M	Science and Engineering

* EMI (English as a Medium of Instruction)