

Freshmen		Sophomore		Junior		Senior	
1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester
<div>General Physics & Rec. I GS1101 (3 Credit)</div> <div>General Chemistry & Rec. I GS1201 (3 Credit)</div>	<div>General Physics & Rec. II GS1102 (3 Credit)</div> <div>General Chemistry & Rec. II GS1202 (3 Credit)</div>	<div>Physical Chemistry A CH2102 (3 Credit)</div>	<div>Engineering Electromagnetics II EC2205 (3 Credit)</div>	<div>Analytical Chemistry CH3204 (3 Credit)</div> <div>Programming Languages and Compilers EC3204 (3 Credit)</div> <div>Materials Electrochemistry MA3207 (3 Credit)</div>	<div>Automatic Control MC4216 (3 Credit)</div> <div>Instrumental Analysis MA3211 (3 Credit)</div>	<div>Energy Chemistry EV3220 (3 Credit)</div> <div>Energy Materials MA4217 (3 Credit)</div>	<div>Energy Electrochemistry MS5142 (3 Credit)</div>
		<div>Energy and Future Society FE2101 (1 Credit)</div>	<div>Electric Circuit Theory FE2301/EC2201 (3 Credit)</div>		<div>Energy Conversion and Storage FE4201 (3 Credit)</div> <div>Management Science in Energy System Economics FE4303 (3 Credit)</div>	<div>Energy Engineering FE4102 (3 Credit)</div> <div>Power Electronics FE4304 (3 Credit)</div>	<div>Understanding of Solar Cells FE4501 (3 Credit)</div> <div>Power systems analysis FE4306 (3 Credit)</div> <div>Electric Power Distribution System Engineering FE4307 (3 Credit)</div>

MOOC	Other Majors 1	Other Majors 2	Other Majors 3	○ Basic	✦ Core	⚙ Advanced Core
General Electives	General Required	Major Elective Courses	Other Majors 4			

*Use this only as a reference in registering for courses.
For accurate information, check the course registration notice for each semester, etc.

Freshmen		Sophomore		Junior		Senior	
1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester
					Multivariable Calculus and Applications GS2001 (3 Credit)		
Writing II: Digital Storytelling GS1534 (3 Credit)	Technology and Culture GS2832 (3 Credit)	AI and I GS2822 (2 Credit)	Critical Design GS2833 (3 Credit)	Mathematical Moments – AI GS2823 (3 Credit)	Utopian Fiction and Technology CT2504 (3 Credit)	Logic and Critical Thinking GS2661 (3 Credit)	Myth and Archetypal Symbol CT2506 (3 Credit)
		Understanding of Cultural Contents GS2544 (3 Credit)	Understanding Otaku and Popular Culture CT2501 (3 Credit)	Heroes and Antiheroes :Understanding Modern Western Literature GS2521 (3 Credit)	Understanding of the Modern Art CT2502 (3 Credit)		Western Theater History GS3506 (3 Credit)
		Visual Communication CT4202 (3 Credit)	Ideas and Digital Expressions CT4101 (3 Credit)	Human-Computer Interaction CT4301 (3 Credit)	Intelligent Agent CT5304 (3 Credit)	Service-Learning Capstone Design CT4305 (3 Credit)	
		Information visualization methods and design thinking CT4102 (3 Credit)	Physical Computing Studio CT4304 (3 Credit)	Art & technology CT4203 (3 Credit)		Computer Graphics CT4201 (3 Credit)	Game Artificial Intelligence CT4303 (3 Credit)

MOOC	Other Majors 1	Other Majors 2	Schedule to open	○ Basic	✦ Core	⚙ Advanced Core
General Electives	General Required	Major Elective Courses	Major Required Courses(Choice 3)			

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Freshmen		Sophomore		Junior		Senior	
1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester
		<div>Electric Circuit Theory IR2201 (3 Credit)</div>	<div>Law of Artificial Intelligence and Robots IR4204 (3 Credit)</div>	<div>Microprocessor and application IR3203 (3 Credit)</div>	<div>System Modeling and Control IR3202 (3 Credit)</div>	<div>Automatic Control IR4207 (3 Credit)</div>	<div>Robot control IR4209 (3 Credit)</div>
			<div>Dynamics IR2202 (3 Credit)</div>	<div>Robotics and Kinematics IR4208 (3 Credit)</div>	<div>Mechatronics IR4202 (3 Credit)</div>	<div>Deep Learning IR4201 (3 Credit)</div>	<div>Design of Creative Robotic Convergence Systems based on Artificial Intelligence IR4206 (3 Credit)</div>
				<div>Human-Computer Interaction IR4203 (3 Credit)</div>		<div>Robotics IR4205 (3 Credit)</div>	

MOOC	Other Majors 1	Other Majors 2	Schedule to open	 Basic	 Core	 Advanced Core
General Electives	General Required	Major Elective Courses	Major Required Courses			

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