

Curriculum Structure

Department of Industrial Engineering and Management

Required credits for graduation is 128 credits

	1 st grade		2 nd grade		3 rd grade		4 th grade	
	Fall SEM	Spring SEM	Fall SEM	Spring SEM	Fall SEM	Spring SEM	Fall SEM	Spring SEM
Management	<div>Economics (I) /3</div> <div>Accounting (I) /3</div> <div>Intro. to Industrial Engineering and Management /3</div> <div>Mentor's Hours /0</div>	<div>Economics (II) /3</div> <div>Accounting (II) /3</div> <div>Mentor's Hours /0</div>	<div>Financial Management/3</div>	<div>Management /3</div> <div>Logistics Management /3</div> <div>Principles of Marketing /3</div>	<div>Service Learning I /0</div> <div>Management Information System/3</div>	<div>Service Learning II /0</div> <div>Independent Study (I) /3</div> <div>Human Resource Management /3</div>	<div>Industrial Practice /2</div> <div>Independent Study (II) /3</div> <div>Global Logistics Management/3</div>	<div>Lean Enterprise Management /3</div>
Decision Science	<div>Calculus I /4</div>	<div>Calculus II /4</div> <div>Linear Algebra /3</div>	<div>Statistics (I) /3</div> <div>Operations Research (I) /3</div>	<div>Statistics (II) /3</div> <div>Operations Research (II) /3</div>	<div>Facility Planning /3</div>	<div>Engineering Economy/3</div>		<div>Conflicts and Decisions in Information Society /3</div> <div>Mathematical Statistics /3</div>
Manufacturing Engineering and Human Factors Engineering			<div>Engineering Graphics/1</div> <div>Manufacturing Processes /3</div>	<div>Work Study /3</div>	<div>Quality Management/3</div> <div>Production and Operation Management/3</div> <div>Human Factors Engineering /3</div>		<div>Cognitive and Organizational Ergonomics /3</div>	<div>Ambient Intelligence /3</div>
Computer Science	<div>Intro. to Computer Science /3</div>	<div>Programming /3</div>				<div>Simulation /3</div> <div>Database Management /3</div>		<div>Genetic Algorithm and Applications in Management Science/3</div>

Required

Elective