

Year	First Trimester	Credit	Second Trimester	Credit	Third Trimester	Credit
Year 1	102111 Fundamental Chemistry I	4	103102 Calculus II	4	103105 Calculus III	4
	102112 Fundamental Chemistry Laboratory I	1	105101 Physics I	4	105102 Physics II	4
	103101 Calculus I	4	105191 Physics Laboratory I	1	105192 Physics Laboratory II	1
	202108 Digital Literacy	2	202201 Life Skills	3	202202 Citizenship and Global Citizens	3
	202109 Use of Application Programs for Learning	1	213102 English for Communication II	3	531100 Engineering Materials I	2
	213101 English for Communication I	3	523102 Computer Programming	2	535100 Engineering Workshop Skills	1
	585101 Engineering Graphics I	2				
	<b>Total</b>	<b>17</b>	<b>Total</b>	<b>17</b>	<b>Total</b>	<b>15</b>
Year 2	213203 English for Academic Purposes	3	202203 Man, Society and Environment	3	202207 Man, Economy and Development	3
	533261 Manufacturing Processes	4	581346 Product Design for Engineers	3	523202 Computer Programming for Engineers	2
	533262 Manufacturing Processes laboratory	1	585202 Mechanical Engineering Mathematics II	2	582211 Mechanics of Materials	4
	582201 Engineering Statics	4	585203 Engineering Dynamics	4	585206 Thermodynamics II	3
	583100 Engineering Materials II	2	585204 Thermodynamics I	4	585207 Fluid Mechanics	4
	585200 Mechanical Engineering Fundamentals	1	585205 Electrical Engineering I	3	585208 Engineering Graphics II	2
	585201 Mechanical Engineering Mathematics I	2				
	<b>Total</b>	<b>17</b>	<b>Total</b>	<b>19</b>	<b>Total</b>	<b>18</b>
Year 3	213204 English for Specific Purposes	3	581352 Entrepreneurship for Engineers	3	213305 English for Careers	3
	585301 Mechanics of Machinery	4	585304 Mechanical Vibration	4	585308 Power Plant Engineering	4
	585302 Heat Transfer	4	585305 Refrigeration and Air Conditioning	4	585309 Automatic Control Systems	4
	585303 Machine Design I	4	585306 Machine Design II	3	585310 Computer-Aided Engineering I	2
	585340 Mechanical Engineering Laboratory I	1	585307 Industrial Automations	3	585311 Electrical Engineering II	3
	General Education Elective I	2	General Education Elective II	2	585341 Mechanical Engineering Laboratory II	1
	<b>Total</b>	<b>18</b>	<b>Total</b>	<b>19</b>	<b>Total</b>	<b>17</b>
Year 4	585401 Computer-Aided Engineering II	2	585496 Cooperative Education I	8	585402 Mechanical Engineering Project	4
	585440 Mechanical Engineering Laboratory III	1			Free Elective II	4
	585495 Pre-cooperative Education	1			General Education Elective III	2
	Technical Elective I	4			General Education Elective IV	2
	Technical Elective II	4				
	Free Elective I	4				
	<b>Total</b>	<b>16</b>	<b>Total</b>	<b>8</b>	<b>Total</b>	<b>12</b>

**Grand Total 193 Credits**