

### Bachelor of Science in Industrial Engineering

	Course	Course Title	Units
	Fall ( Year 1, Semester 1)		
A1	COMM 100	Public Speaking	3
LD Major/D1	PSYC 100	General Psychology	3
LD Major/B3	CHEM 110	General Chemistry for Engineering	3
LD Major/B4	MATH 130	Calculus I	4
LD Major/B1	PHYS 135	Physics for Scientists and Engrs. I	4
<b>Total Units:</b>			<b>17</b>

	Course	Course Title	Units
	Spring (Year 1, Semester 2)		
LD Major	PHYS 136	Physics for Scientists and Engrs. II	4
LD Major	MATH 131	Calculus II	3
A2	ENGL 102	Accelerated College Writing	3
W II/WID	ENGR 200	Intro. To Design and Engr.	3
<b>Total Units:</b>			<b>13</b>

	Fall ( Year 2, Semester 3)		
C1		Student Choice	3
LD Major	Math 215	Linear Alg.	3
B2		Student Choice	3
LD Major	ENGR 220	Statics	3
UD Major	INDE 330	Engr. Statistics and Prob.	3
<b>Total Units:</b>			<b>15</b>

	Spring (Year 2, Semester 4)		
C2			3
LD Major	ENGR 215	Comput. Methods in Engr.	3
LD Major	ENGR 230	Electric Circuits I	3
UD Major	INDE 340	Design of Engr. Experiments	3
A3	PHIL 100	Workshop in Clear Thinking	3
<b>Total Units:</b>			<b>15</b>

	Fall ( Year 3, Semester 5)		
UD Major	ENGR 320	Engr. Economics	3
Code 1/D2		Student Choice	3
B6	INDE 390	Human Factors and Work Methods	4
UD Major	INDE 360	Operations Research	4
<b>Total Units:</b>			<b>14</b>

	Spring (Year 3, Semester 6)		
Code2/D3		Student Choice	3
UD Major	INDE 410	Facilities Plan. Dsgn. and Mat. Handling	3
UD Major	INDE 430	Design of Work Systems	4
UD Math*		Student Choice	3
C4		Student Choice	3
<b>Total Units:</b>			<b>13</b>

	Fall ( Year 4, Semester 7)		
C4		Student Choice	3

	Spring (Year 4, Semester 8)		
	INDE 450	Systems Quality and Reliability	4

UD Major	INDE 420	Discrete Event Simulation	3
UD Major	INDE 440	Sustainable Production and Supply Systems	4
D4		Student Choice	3
UD Math*		Student Choice	3
<b>Total Units:</b>			<b>16</b>

**TOTAL UNITS TO DEGREE** 122

	INDE 460	Service & Manu. Systems Modeling	4
	INDE 492	Senior Design	4
<b>Total Units:</b>			<b>12</b>

\*UD Math or Basic Science Elective