

# B.S. Industrial Technology Road Map

(Catalog years 2025-current)

Year 1		Year 2		Year 3		Year 4	
<b>GE– 1A</b> Written Communication	<b>GE– 5B</b> Biological Sciences	<b>GE– 3B</b> Humanities	<b>AUGR</b> Arts and Humanities	<b>GE– UD 2/5</b> Pre-Req: LD GE 5A & 5B	<b>GE– UD 3</b> Pre-Req: LD GE 3A & 3B	<b>GE– UD 4</b> Pre-Req: LD GE 4A & 4B	<b>IT 104</b> Pre-Req: IT 114 & 115
<b>GE– 1C</b> Oral Communication	<b>GE– 4A</b> American History	<b>GE– 5A</b> (PHYS 2A)	<b>GE– Area 6</b> Ethnic Studies	<b>IT 117</b> Pre-Req: MATH 11	<b>IT 133 OR 156</b> Pre-Req: IT 52	<b>IT 194I or IT 199</b>	<b>IT 137 OR 184</b> Pre-Req: IT 74 + 117
<b>GE– 1B</b> Critical Thinking	<b>AUGR</b> Lifelong Understanding/ Self Development	<b>GE– 4B</b> (IT 20)	<b>CHEM 3A</b>	<b>IT 115</b>	<b>IT 148</b>	<b>IT 196</b>	<b>IT Elective</b> 3 units
<b>GE– 3A</b> Arts	<b>IT 52</b>	<b>IT 74</b>	<b>DS 73 OR MATH 11</b>	<b>IT 198W</b> Pre-Req: LD GE 1A and 60 units completion/in progress	<b>IT 114</b> Pre-Req: CHEM 3A	<b>IT 106</b>	<b>IT Elective</b> 3 units
<b>GE– Area 2</b> (DS 71 OR MATH 75)	<b>IT 30</b>	<b>IT 92</b>	<b>PLSI 2</b>	<b>IT 118</b>	<b>IT Elective</b> 3 units	<b>IT Elective</b> 3 units	<b>IT Elective</b> 3 units
<b>Have questions?...Contact us!</b>  <b>Jordan College Advising and Career Development Center</b> Ag Science Building, room 110.....559.278.4019 <b>Industrial Technology Department Office</b> Industrial Technology, room 112 .....559.278.2145 Contact: Dr. Nambiar, 559.278.1951, anambiar@csufresno.edu  <a href="https://jcast.fresnostate.edu/indtech/">https://jcast.fresnostate.edu/indtech/</a> <a href="https://jcast.fresnostate.edu/student-success/">https://jcast.fresnostate.edu/student-success/</a>		<b>Notes: See Advisor or Department Chair for confirmation</b>  -Total number of major elective units required is 17. Can be anything AG related. Engineering/Construction Management may need to be approved by Department Chair.  -IT 198W will fulfill the University's Upper Division Writing Requirement and major requirement.  -IT 194I 1-4 units (repeatable up to 12 units), it can substitute IT 199.  - 120 units minimum is required for degree. <b>AUGR</b> Exemption 3 units		<b>IT Elective</b> 3 units		<b>AUGR</b> Multicultural/ International	