

# 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 5	<b>GE- UD 3</b> Pre-Req: LD GE 3	<b>GE- UD 4</b> Pre-Req: LD GE 4	<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>IT Elective</b> 3 units	<b>*AUGR</b> Multicultural/ International

## Have questions?...Contact us!

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Ag Science Building, room 110.....559.278.4019  
**Industrial Technology Department Office**  
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<https://jcast.fresnostate.edu/indtech/>  
<https://jcast.fresnostate.edu/student-success/>

## Notes: See Advisor or Department Chair for confirmation

-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.

\*AUGR Exemption 3 units (choose only two AUGR courses)