

Electrical Engineering, BS

Graduation Plan - 4 years

1st Year

Fall Semester	Hours Spring Semester	Hours
MECH 1000 & MECH 1005	3 MECH 1200 & MECH 1205	4
CHEM 1210 & CHEM 1215	5 PHYS 2210 & PHYS 2215	5
MATH 1210	4 MATH 1220	4
ENGL 2010	3 General Education (Life Science) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3
	15	16

2nd Year

Fall Semester	Hours Spring Semester	Hours
ECE 2700 & ECE 2705	4 MECH 2250 & MECH 2255	4
MECH 2210 & MECH 2215	4 ECE 2280 & ECE 2285	4
PHYS 2220 & PHYS 2225	5 ECE 2100	3
MATH 2210	4 MATH 2250	4
	17	15

3rd Year

Fall Semester	Hours Spring Semester	Hours
ECE 3730 & ECE 3735	4 ECE 3600 & ECE 3605	4
MECH 3200 & MECH 3205	3.5 ECE 3500	3
ECE 3300 & ECE 3305	4 Tech Elective 1	3
MATH 3400	3 Tech Elective 2	3
	General Education (Lit / Humanities) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3
	14.5	16

4th Year

Fall Semester	Hours Spring Semester	Hours
ECE 4000	3 ECE 4010	3
ENGL 3010	3 Tech Elective 5	3
Tech Elective 3	3 Tech Elective 6	3
Tech Elective 4	3 General Education (American Institutions) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3

General Education (Fine Arts) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3 General Education (Social & Behavioral Science) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3
	15	15

Total Hours 123.5

Graduation Plan - 5 years (MATH 1010)

1st Year

Fall Semester	Hours Spring Semester	Hours
MECH 1000 & MECH 1005	3 MECH 1200 & MECH 1205	4
ENGL 1010	3 MATH 1080	5
General Education (Life Science) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3 ENGL 2010	3
MATH 1010	4	
	13	12

2nd Year

Fall Semester	Hours Spring Semester	Hours
ECE 2700 & ECE 2705	4 PHYS 2210 & PHYS 2215	5
CHEM 1210 & CHEM 1215	5 MATH 1220	4
MATH 1210	4 General Education (American Institutions) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3
	13	12

3rd Year

Fall Semester	Hours Spring Semester	Hours
MECH 2210 & MECH 2215	4 MECH 2250 & MECH 2255	4
PHYS 2220 & PHYS 2225	5 ECE 2280 & ECE 2285	4
MATH 2210	4 ECE 2100	3
	MATH 2250	4
	13	15

4th Year

Fall Semester	Hours Spring Semester	Hours
ECE 3730 & ECE 3735	4 ECE 3600 & ECE 3605	4
MECH 3200 & MECH 3205	3.5 ECE 3500	3
ECE 3300 & ECE 3305	4 Tech Elective 1	3
MATH 3400	3 Tech Elective 2	3
	14.5	13

5th Year

Fall Semester	Hours Spring Semester	Hours
ECE 4000	3 ECE 4010	3
Tech Elective 3	3 Tech Elective 5	3

Tech Elective 4	3 Tech Elective 6	3
ENGL 3010	3 General Education (Lit / Humanities) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3
General Education (Fine Arts) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3 General Education (Social & Behavioral Science) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3
15		15

Total Hours 135.5

Graduation Plan - 5 years (MATH 1050)

1st Year

Fall Semester	Hours Spring Semester	Hours
MECH 1000 & MECH 1005	3 MECH 1200 & MECH 1205	4
ENGL 1010	3 ENGL 2010	3
MATH 1050	4 MATH 1060	3
General Education (Life Science) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3	
General Education (Lit / Humanities) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3	
16		10

2nd Year

Fall Semester	Hours Spring Semester	Hours
ECE 2700 & ECE 2705	4 PHYS 2210 & PHYS 2215	5
CHEM 1210 & CHEM 1215	5 MATH 1220	4
MATH 1210	4 General Education (American Institutions) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3
13		12

3rd Year

Fall Semester	Hours Spring Semester	Hours
MECH 2210 & MECH 2215	4 MECH 2250 & MECH 2255	4
PHYS 2220 & PHYS 2225	5 ECE 2280 & ECE 2285	4
MATH 2210	4 ECE 2100	3
	MATH 2250	4
	13	15

4th Year

Fall Semester	Hours Spring Semester	Hours
ECE 3730 & ECE 3735	4 ECE 3600 & ECE 3605	4

MECH 3200 & MECH 3205	3.5 ECE 3500	3
ECE 3300 & ECE 3305	4 Tech Elective 1	3
MATH 3400	3 Tech Elective 2	3
14.5		13
5th Year		
Fall Semester	Hours Spring Semester	Hours
ECE 4000	3 ECE 4010	3
Tech Elective 3	3 Tech Elective 5	3
Tech Elective 4	3 Tech Elective 6	3
ENGL 3010	3 General Education (Social & Behavioral Science) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3
General Education (Fine Arts) (https://catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3	
15		12
Total Hours 133.5		