

# Applied and Computational Mathematics, Scientific Computing Emphasis, BS

## Graduation Plan

### 1st Year

Fall Semester	Hours Spring Semester	Hours
MATH 1210	4 MATH 1220	4
ENGL 1010	3 MATH 2270	3
General Education (Fine Arts) (catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3 CS 1400	3
General Education (American Institutions) (catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3 ENGL 2010	3
	General Education (Literature & Humanities) (catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3
	<b>13</b>	<b>16</b>

### 2nd Year

Fall Semester	Hours Spring Semester	Hours
MATH 2210	4 MATH 2280	3
PHYS 2210	4 MATH 2200 or 3310	3
PHYS 2215	1 CS 1410	3
MECH 2010	3 PHYS 2220	4
MATH 2050	3 PHYS 2225	1
	MECH 2030	3
	<b>15</b>	<b>17</b>

### 3rd Year

Fall Semester	Hours Spring Semester	Hours
MATH 3400	3 MATH 4250	4
MATH 3500	3 MATH 4550	3
MATH 3700	4 MATH 4890R	1
CS 3005	3 CS 2420	3
COMM 1020	3 Program Elective 1	3
	<b>16</b>	<b>14</b>

### 4th Year

Fall Semester	Hours Spring Semester	Hours
MATH 3150	3 MATH 4900	3
MATH 4800	3 Program Elective 3	3
Program Elective 2	3 Program Elective 4	3
General Education (Social & Behavioral Sciences) (catalog.utahtech.edu/programs/generaleducation/#gerequirementstext)	3 Elective (Upper or lower division)	3

General Elective	2 General Education (Life Sciences) ( <a href="http://catalog.utahtech.edu/programs/generaleducation/#gerequisitestext">catalog.utahtech.edu/programs/generaleducation/#gerequisitestext</a> )	3
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	<b>14</b>	<b>15</b>
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<b>Total Hours 120</b>		