

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 |
| | 13 | 16 |

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 |
| | 15 | 17 |

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 |
| | 16 | 14 |

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 |

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|------------------------|--|-----------|
| General Elective | 2 General Education (Life Sciences) (catalog.utahtech.edu/programs/generaleducation/#gerequisitestext) | 3 |
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| | 14 | 15 |
| Total Hours 120 | | |