

B.S. Mathematics: General Mathematics

This pathway leads from an Mathematics, A.S. (TTP) degree from Chattanooga State Community College to a Bachelor of Science degree with a major in Mathematics: General Mathematics from the University of Tennessee at Chattanooga.

Chattanooga State Community College

| First Year – 29-30 Hours | | | |
|---|------------|---|------------|
| <i>Fall Semester:</i> | Hrs | <i>Spring Semester:</i> | Hrs |
| ENGL 1010: English Composition I | 3 | ENGL 1020: English Composition II* | 3 |
| MATH 1910: Calculus I* | 4 | MATH 1920: Calculus II* | 4 |
| History to satisfy Gen Ed | 3 | History to satisfy Gen Ed | 3 |
| Humanities/Fine Arts to satisfy Gen Ed | 3 | Humanities/Fine Arts to satisfy Gen Ed | 3 |
| | | Programming Language Course | 3-4 |
| | 13 | | 16-17 |
| Second Year – 30-31 Hours | | | |
| <i>Fall Semester:</i> | Hrs | <i>Spring Semester:</i> | Hrs |
| MATH 2110: Calculus III* | 4 | MATH 2010: Introduction to Linear Algebra* | 3 |
| MATH 2120: Differential Equations | 3 | Social/Behavioral Science to satisfy Gen Ed | 3 |
| Social/Behavioral Science to satisfy Gen Ed | 3 | Natural Science to satisfy Gen Ed | 4 |
| Natural Science to satisfy Gen Ed | 4 | COMM 2025: Fundamentals of Communication | 3 |
| Literature to satisfy Gen Ed | 3 | Elective | 0-1 |
| | 17 | | 13-14 |

* Must earn a C or better grade

Students should verify Chattanooga State Community College graduation requirements.

University of Tennessee at Chattanooga

| Third Year – 30 Hours | | | |
|--|------------|--|------------|
| <i>Fall Semester:</i> | Hrs | <i>Spring Semester:</i> | Hrs |
| MATH 3100: Applied Statistics or 4130: Intro to Probability and Statistics** | 3 | MATH Elective or 4140: Mathematical Statistics** | 3 |
| MATH 3000: Intro to Logic and Proof | 3 | MATH 3250: Intro to Modern Algebra or 4200: Linear Algebra and Matrix Theory | 3 |
| Minor/Program of Study Course | 3 | MATH 3510: Intro to Analysis I | 3 |
| Minor/Program of Study Course | 3 | Minor/Program of Study Course | 3 |
| Elective | 3 | Elective | 3 |
| | 15 | | 15 |
| Fourth Year – 30 Hours | | | |
| <i>Fall Semester:</i> | Hrs | <i>Spring Semester:</i> | Hrs |
| MATH Elective (3000-4000 level) | 3 | MATH Elective (3000-4000 level) | 3 |
| MATH 3820: Communicating Mathematics | 3 | MATH Elective (3000-4000 level) | 3 |
| Minor/Program of Study Course (3000-4000 level) | 3 | Minor/Program of Study Course (3000-4000 level) | 3 |
| Minor/Program of Study Course (3000-4000 level) | 3 | Elective | 3 |
| Elective (3000-4000 level) | 3 | Elective (3000-4000 level) | 3 |
| | 15 | | 15 |

**Must take either a) MATH 3100 and a MATH Elective or b) MATH 4130 and 4140

| Completed: | | | |
|-------------------------------------|--|--|--|
| Graduation Requirements: | | Degree Requirements: | |
| 120 Total Hours | | 35 General Education Hours | |
| 39 Upper Division (3000-4000) Hours | | 51-52 Program (Major) Hours | |
| 30 Hours at UTC | | 18 Minor/Program of Study Hours | |
| 60 Hours at 4-year institution | | 15-16 Elective Hours | |
| | | Foreign Language Hours (<i>Not Required</i>) | |

This Transfer Path is a supplemental resource only. Students should consult their catalog year for official lists of general education courses, program requirements, pre-requisites, and co-requisites.