# theUniVERSITYofTENNESSEE UT CHATTANOOGA <br> College of Health, Education, and Professional Studies 

## B.S. Middle Grades Education (Mathematics- Natural Science) Licensure Program Check Sheet

This degree program allows students to become licensed in:
Middle Grades Education (440)

| Name: | UTC ID: |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Phone: | Email: |  |  |  |
| GENERAL EDUCATION (beyond what is satisfied from the related coursework section below) |  |  |  |  |
| Course | Course Title | Credits | Sem Comp. | Grade |
| ENGL 1010 | Rhetoric and Writing I | 3 |  |  |
| ENGL 1020 | Rhetoric and Writing II | 3 |  |  |
|  | Literature | 3 |  |  |
|  | Thoughts, Values, and Beliefs | 3 |  |  |
| RELATED COURSEWORK |  |  |  |  |
| Course | Course Title | Credits | Sem Comp. | Grade |
| ECON 1020 | Principles of Econ: Micro | 3 |  |  |
| HIST 2020 | United States History Since 1865 | 3 |  |  |
| HHP 4470 | Teaching Health, Safety, and Physical Education in MG | 3 |  |  |
| ENGL 2290 | Literature for the Adolescent | 3 |  |  |
| ENGL 4810 | Writing for Teachers | 3 |  |  |
| MATH 2160 | Mathematics for Elementary and Middle School Teachers* (prereq: MATH 2150 or MATH ACT of 24 or above) | 3 |  |  |
| GEOG 1030 | World Geography | 3 |  |  |
| POLS 1010 | American Government | 3 |  |  |
| ECHD 4450 | Families: Home, School, Community Partnerships | 3 |  |  |
| USTU 3110 | Science Concepts and Perspectives | 3 |  |  |
| USTU 3200 | Social Studies Topics, Concepts, and Perspectives | 3 |  |  |
|  | Statistics: One approved Statistics Course* | 3 |  |  |
|  | Visual and Performing Arts: One approved course | 3 |  |  |
|  | Natural Sciences: Two approved Natural Sciences Lab courses* | 8 |  |  |
|  | Minimum of 15 hours from following courses: Math 1130: College Algebra*; Math 1830: Calculus for Management, Life, and Social Sciences*; Math 1720: Precalc II*; Math 1950: Calculus with Analytic Geometry I*; Math 1960: Calculus with Analytic Geometry II*; Math 2200: Elementary Linear Algebra*; Math 3100: Applied Statistics* OR Mathematics Electives* (maximum of 4 hours) | 15 |  |  |
| CHEM 1110 | General Chemistry* | 3 |  |  |
| CHEM 1110L | General Chemistry Lab* | 1 |  |  |
| Choose one: | ASTR 1020/1020L: Intro to Astronomy*; BIOL 1110/1110L: Principles of Biology I*; BIOL 1120/1120L: Principles of Biology II*; GEOL 1110/1110L: Physical Geology*; PHYS 1030/1030L: General Physics/Mechanics and Heat*; PHYS 1040/1040L: General Physics/Electromagnetism and Optics* | 4 |  |  |
| Elective | You must earn 120 credit hours to graduate. Select an additional course if needed | 3 |  |  |
| EDUCATION COURSEWORK AND LICENSING REQUIREMENTS |  |  |  |  |
| Course | Course Title | Credits | Sem Comp. | Grade |
| EDUC 2010 | Education in the United States | 3 |  |  |
| ECHD 2420 | Adolescent Development | 3 |  |  |
| EDUC 3170 | Designing Instruction for the Inclusive Classroom | 3 |  |  |
| EDUC 3210 | Teaching Reading in the Secondary and Middle Schools | 3 |  |  |
| EDUC 4000 | Survey of Exceptional Learners | 3 |  |  |
| EDUC 4180 | Middle Grades Organization, Curriculum, and Instruction | 3 |  |  |



