



DIXIE STATE
COLLEGE OF UTAH



Student Progress Checklist

Student ID# _____

Requirements for Bachelor of Science In Mathematics Education

Effective July 1, 2011

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FOR ADVISING PURPOSES ONLY

SEE COLLEGE CATALOG FOR DEGREE REQUIREMENTS

| Requirements for General Education | | |
|--|-----------|--|
| <input type="checkbox"/> Complete the DSC requirements for General Education (or equivalent) | 32-48 | |
| Core Discipline Requirements – complete the following: | | |
| | Credits | Prerequisites and Notes |
| <input type="checkbox"/> Math 1040/ Statistics | 3 | Math 1010 |
| <input type="checkbox"/> Math 1210/ Calculus I | 5 | Math 1050/1060 or 1065 |
| <input type="checkbox"/> Math 1220/ Calculus II | 4 | Math 1210 |
| <input type="checkbox"/> Math 2200/ Discrete Mathematics | 3 | Math 1210 |
| <input type="checkbox"/> Math 2210/ Multivariable Calculus | 3 | Math 1220 |
| <input type="checkbox"/> Math 2270/ Linear Algebra | 3 | Math 1210 |
| <input type="checkbox"/> Math 2280/ Ordinary Differential Equations | 3 | Math 1220 |
| <input type="checkbox"/> Math 3000/ History of Mathematics | 3 | Math 1220 |
| <input type="checkbox"/> Math 3100/ Euclidean & Non-Euclidean Geometry | 3 | Math 2200 |
| <input type="checkbox"/> Math 3200/ Introduction to Analysis | 3 | Math 2210/2200 |
| <input type="checkbox"/> Math 3400/ Probability & Statistics | 3 | Math 1220 |
| <input type="checkbox"/> Math 3900/ Number Theory | 3 | Math 2200 |
| <input type="checkbox"/> Math 4000/ Foundations of Algebra | 3 | Math 2200 |
| TOTAL CREDITS: | 42 | (Must achieve a “C” or better in each course) |
| Mathematics Program Requirements – complete the following courses | | |
| | Credits | Prerequisites and Notes |
| <input type="checkbox"/> PHYS 2210/2215 Physics for Scientists/Engineers I/Physics Lab | 4/1 | Math 1210 |
| <input type="checkbox"/> CS 1400/ Foundation of Programming | 3 | |
| TOTAL CREDITS | 8 | (Must achieve a “C” or better in each course) |



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| Secondary Education Pre-Professional Courses – complete the following: | | |
|--|----------------|--|
| | Credits | Prerequisites and Notes |
| <input type="checkbox"/> EDUC 1010/ Introduction to Education | 3 | |
| <input type="checkbox"/> EDUC 2010/ Introduction to Exceptional Learners | 3 | |
| <input type="checkbox"/> EDUC 2400/ Foundations of Multicultural Education | 3 | |
| <input type="checkbox"/> EDUC 2500/ Technology for Secondary Teachers | 3 | |
| <input type="checkbox"/> EDUC 3110/ Educational Psychology | 3 | FCS 1500 or PSY 1010 or PSY 1100 |
| Secondary Education Professional Requirements | | |
| Semester I – Complete the following: | | |
| <input type="checkbox"/> SCED 3720/ Read-Write in Content Areas | 3 | |
| <input type="checkbox"/> SCED 4100/ Curriculum, Instruction, Assessment | 3 | |
| <input type="checkbox"/> SCED 4600/ Classroom Management | 3 | |
| <input type="checkbox"/> MATH 4500/Methods of Teaching Sec. School Math | 3 | Math 1210 |
| Semester II – Complete the following: | | |
| <input type="checkbox"/> SCED 4900/ Secondary Student Teaching | 10 | |
| <input type="checkbox"/> SCED 4989/ Student Teaching Seminar | 2 | |
| TOTAL UPPER-DIVISION MATH ELECTIVE CREDITS: | 36 | (Must achieve a “C” or better in each course) |
| TOTAL ELECTIVE CREDITS: 6 | | |
| TOTAL BACCALAUREATE CREDITS (1000 and above): 124 | | |
| <input type="checkbox"/> Minimum cumulative GPA of 2.75 must be attained to be eligible to graduate | | |
| <input type="checkbox"/> Complete at least 30 semester hours of upper division credit hours from DSC for institutional residency | | |
| <input type="checkbox"/> Complete a total of 40 semester hours of upper division credit hours (3000 and above) | | |
| Total Credits Earned: | | |
| Developmental OR Duplicate Credits (subtract from total credits earned): | | |
| Credits Needed: | | |