**Master of Arts in Education**

**Middle Grades (6-9) with a Science Specialization**

**Program Checklist**

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| **Required Professional Studies Core (12 hours)**\_\_\_\_\_EDN 5470 Advanced Classroom Management (3)\_\_\_\_\_EDN 5480 Advanced Foundations of American Education (3)\_\_\_\_\_EDN 5490 Effective Educational Leadership (3)\_\_\_\_\_EDN 5660 Advanced Educational Research (3) | **12** |
| **Academic Specialization: Students must complete one 21-semester-hour content area concentration in Science. Advanced study in any content area chosen for specialization requires foundation discipline knowledge sufficient for graduate-level work.**  **Science Education Required Course** \_\_\_\_\_SCE 5600 Foundations of Science Education (3)**Six Electives from the following:****(four plus at least two additional courses from those listed below)****Physical Sciences** (*Select at least three*)\_\_\_\_\_PHY 5200 Current Trends in Physics (3) or \_\_\_\_\_ PHY 5480 Historical Perspectives of Physics (3)\_\_\_\_\_CHM 5480 Historical Perspectives on Chemistry(3) or \_\_\_\_\_CHM 5200 Current Trends in Chemistry (3)\_\_\_\_\_GLY 5010 Essentials of Earth Science (3) or \_\_\_\_\_ GLY 5020 Essentials of Earth History (3)**Life Sciences** *(Select at least one)*\_\_\_\_\_\_BIO 5100 Marine Biology (3)\_\_\_\_\_\_BIO 5120 Topics in Ecology and Environmental Biology (3)\_\_\_\_\_\_ BIO 5250 Evolutionary Botany (3)\_\_\_\_\_**\_** BIO 5350 Evolutionary Zoology (3)  | **21** |
| **Required Middle Grades Capstone Course** \_\_\_\_\_ EDN 5760 Advanced Method for Middle Grades Instruction (3) \_\_\_\_\_ EDN 5950 Professional Development and Leadership Seminar (3) | **6** |
| **Thesis** | **0-6** |
| **Independent Study** | **0-3** |
| **TOTAL (minimum)**  | **39** |

Updated August 2016