**Master of Arts in Education**

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

**Program Checklist**

|  |  |
| --- | --- |
| **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 2018