**MAT Science Education UNC-Pembroke**

MAT in Science Education (grds. 6-9, 9-12) available – comprehensive science teaching

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| Biology | Chemistry | Earth Science | Physics |

Master of Arts in Teaching with Specialization in Middle Grades Science (6-9)

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| Education Core  9 hours\* | EDN 5040. Basics Tenets of Education (3 credits)  EDN 5120. Advanced Study of Exceptional Children (3 credits)  EDN 5450. Curriculum Design and Best Practices (3 credits)  \*Can be taken for UNDERGRADUATE privilege – see form\*  EDN 5460 Field Experience (0 credits) Required each semester. Assignments completed in coursework. |
| Pedagogy 6 hours | SCE 5000 Teaching Science in Grades 6-12  SCE 5600 Foundations of Science Education |
| Content 12 hours | one biology, one earth science, one chemistry, one physics course at the GRADUATE level – 5000 or above |
| Internship 3 hours | SCE 5810 – supervision in schools |

\*Candidates with an admission GPA below 2.7 will be admitted provisionally and required to also take EDN 5470 Advanced Classroom Management for a total of 12 hours in the Education Core with a 3.0 GPA. This degree will NOT qualify you for teaching in a community college.

\*For additional information contact Dr. Rita Hagevik at rita.hagevik@uncp.edu\*

Master of Arts in Teaching with Specialization in High School Science (9-12)

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| Education Core  9 hours\* | EDN 5040. Basics Tenets of Education (3 credits)  EDN 5120. Advanced Study of Exceptional Children (3 credits)  EDN 5450. Curriculum Design and Best Practices (3 credits)  \*Can be taken for UNDERGRADUATE privilege – see form\*  EDN 5460 Field Experience (0 credits) Required each semester. Assignments completed in coursework. |
| Pedagogy 6 hours | SCE 5000 Teaching Science in Grades 6-12  SCE 5600 Foundations of Science Education |
| Content 12 hours | one biology, one earth science, one chemistry, one physics course at the GRADUATE level – 5000 or above |
| Internship 3 hours | SCE 5810 – supervision in schools |

\*Candidates with an admission GPA below 2.7 will be admitted provisionally and required to also take EDN 5470 Advanced Classroom Management for a total of 12 hours in the Education Core with a 3.0 GPA. This degree will NOT qualify you for teaching in a community college.

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**Pathways to teacher licensure in science**

Residency candidate transcripts will be reviewed by program area faculty and they will determine if any additional coursework is needed for the licensure process. Provisional coursework in science could include: biology, chemistry, geology, or physics.

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