MAT Science Education UNC-Pembroke

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

<table>
<thead>
<tr>
<th>Biology</th>
<th>Chemistry</th>
<th>Earth Science</th>
<th>Physics</th>
</tr>
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</table>

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

<table>
<thead>
<tr>
<th>Education Core 9 hours*</th>
<th>EDN 5040. Basics Tenets of Education (3 credits)</th>
<th>EDN 5120. Advanced Study of Exceptional Children (3 credits)</th>
<th>EDN 5450. Curriculum Design and Best Practices (3 credits)</th>
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<tr>
<td>Pedagogy 6 hours</td>
<td>SCE 5000 Teaching Science in Grades 6-12</td>
<td>SCE 5600 Foundations of Science Education</td>
<td></td>
</tr>
<tr>
<td>Content 12 hours</td>
<td>one biology, one earth science, one chemistry, one physics course at the GRADUATE level – 5000 or above</td>
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</tr>
<tr>
<td>Internship 3 hours</td>
<td>SCE 5810 – supervision in schools</td>
<td></td>
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</tbody>
</table>

*Can be taken for UNDERGRADUATE privilege – see form*

EDN 5460 Field Experience (0 credits) Required each semester. Assignments completed in coursework.

*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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<th>EDN 5040. Basics Tenets of Education (3 credits)</th>
<th>EDN 5120. Advanced Study of Exceptional Children (3 credits)</th>
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**Pathways to teacher licensure in science**

- **GPA below 2.7**
  - With related degree, 24 content hours or passing licensure exam scores
    - Complete Residency Education Core with 3.0 Cumulative GPA
    - Admitted to MAT program to complete licensure requirements
    - MAT degree

- **Without related degree or less than 24 hours of content**
  - Complete Residency Education Core with 3.0 Cumulative GPA
  - Admitted to MAT program to complete licensure requirements
  - MAT degree

- **GPA 2.7 or higher**
  - Without related degree or less than 24 hours of content
    - Provisional coursework to be determined by program area faculty with cumulative 3.0 GPA
    - Admitted to MAT program to complete licensure requirements
    - MAT degree

- **With related degree, 24 content hours or passing licensure exam scores**
  - Complete Residency Education Core with 3.0 Cumulative GPA
  - Admitted to MAT program to complete licensure requirements
  - MAT degree
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.

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