ADDED OR ADD-ON ENDORSEMENTS

Added or add-on endorsements Teaching English as a Second Language

The School of Education offers the Virginia Department of Education ESL preK-12 endorsement for pre-service and in-service teachers. The ESL endorsement program at VCU requires 18 credit hours of ESL course work and six credit hours of a modern foreign language. Candidates must complete the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL/LING/TEDU 552</td>
<td>Teaching English as a Second Language</td>
<td>3</td>
</tr>
<tr>
<td>LING/ENGL/ANTH 390</td>
<td>Introduction to Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>TEDU 561</td>
<td>Reading Foundations: Sociological/ Psychological Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>TEDU 562</td>
<td>Reading Instruction in the Content Areas</td>
<td>3</td>
</tr>
<tr>
<td>TEDU/FRLG 575</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>TEDU 681</td>
<td>Investigations and Trends in Teaching (ESL curriculum and assessment)</td>
<td>3</td>
</tr>
<tr>
<td>Foreign language courses (modern languages only)</td>
<td>6</td>
<td></td>
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<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

Add-on endorsements in grades 6 through 12, science

Add-on endorsements in science are available in biology, chemistry, earth science and physics. Each add-on requires a first endorsement in one science and at least 18 semester hours in the add-on science that includes preparation in specified areas. The earth science added endorsement is listed below. For information about the added endorsements in biology, chemistry or physics, contact the Department of Teaching and Learning.

Earth science

To add an earth science endorsement to an endorsement in another science discipline, the individual must earn at least 18 semester hours in the earth sciences, including preparation in geology, oceanography, meteorology and astronomy. Courses to meet these requirements include:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS 105</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>&amp; ENVZ 105</td>
<td>and Physical Geology Laboratory</td>
<td></td>
</tr>
<tr>
<td>ENVS 335</td>
<td>Environmental Geology</td>
<td>4</td>
</tr>
<tr>
<td>&amp; ENVZ 335</td>
<td>and Environmental Geology Laboratory</td>
<td></td>
</tr>
<tr>
<td>ENVS 401</td>
<td>Meteorology and Climatology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 411</td>
<td>Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 103</td>
<td>Elementary Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>Elective courses to complete at least 18 hours include: URSP 203 and URSP 204 and PHYS 391.</td>
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</tbody>
</table>