INTERDISCIPLINARY LIBERAL STUDIES (IdLS) MAJOR
Checklist 2014-2015

IdLS is the required content-area major for Inclusive Early Childhood (birth – 3rd grade), Elementary (PK-6th grade), and Middle Grades (6th - 8th grade) undergraduate pre-professional programs. It is the recommended content-area major for Special Education (K-12th grade).

**IdLS for Inclusive Early Childhood, and Elementary.** Students in these pre-professional programs take the IdLS Core. The IdLS Core includes all General Education requirements, and is constructed to meet Virginia teacher competencies. Students also pick two areas of concentration at the upper level.

**IdLS for Special Education.** Students in this pre-professional program take the IdLS Core. The IdLS Core includes all General Education requirements, and is constructed to meet Virginia teacher competencies. Students also pick two areas of concentration at the upper level. Students concentrating in Humanities & Social Sciences may take any track, although Track 7 is designed particularly for Special Education students.

**IdLS for Middle Grades.** Students in this pre-professional program take a modified Core that includes General Education requirements. Students also pick two areas of concentration at the upper level.

**Advising.** IdLS majors have an IdLS advisor and an education program advisor. IdLS advisors help students with course scheduling, and can grant permission for course substitutions in the major. Education program advisors help with course scheduling and licensure requirements. Students should contact both advisors regularly.

**Questions about the IdLS major** may be addressed to
- Your IdLS advisor - this person should be your first point of contact
  - or Dr. Matthew Chamberlin, IdLS Faculty & Central advisor (chambema@jmu.edu) or
  - Dr. Steve Baedke, IdLS Math, Science, & Technology Area Director (baedkesj@jmu.edu) or
  - Dr. Fletcher Linder, IdLS Director (lindergf@jmu.edu)

**Questions about education programs** may be addressed to
- Your Education advisor – this person should be your first point of contact for questions related to Education
  - or Dr. Nancy Barbour, Department Head of Inclusive Early Childhood, Elementary, and Reading Education (barboun@jmu.edu) or
  - Dr. Steve Purcell, Department Head of Middle, Secondary and Math Education (purcelsl@jmu.edu) or
  - Dr. Laura Desportes, Department Head of Exceptional Education (desporlx@jmu.edu)
# IdLS Core
for IECE, ELED, and SPED

<table>
<thead>
<tr>
<th>English &amp; Language Arts</th>
<th>Natural Sciences ***</th>
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<tbody>
<tr>
<td>Written Communication</td>
<td>Science Processes</td>
</tr>
<tr>
<td>Oral Communication</td>
<td>Science of the Planets</td>
</tr>
<tr>
<td>Literature, choose one</td>
<td>The Matter of Matter</td>
</tr>
<tr>
<td>British</td>
<td>GENG 235 or 236</td>
</tr>
<tr>
<td>American</td>
<td>GENG 247 or 248</td>
</tr>
<tr>
<td>World</td>
<td>GENG 239</td>
</tr>
<tr>
<td>Ethnic/Minority</td>
<td>GENG 260</td>
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</tbody>
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<tr>
<th>History &amp; Social Sciences</th>
<th>Remaining General Education requirements</th>
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<tbody>
<tr>
<td>World History to 1500</td>
<td>Critical Thinking (Cluster 1)</td>
</tr>
<tr>
<td>World History since 1500</td>
<td>Fine Arts (Cluster 2)</td>
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<tr>
<td>US History</td>
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<tr>
<td>Civics</td>
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<td>Human Development</td>
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<td>Health &amp; Wellness</td>
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<tr>
<td>Economics*</td>
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<td>Geography*</td>
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| Science Processes                                           | GSCI 161                                  |
| Science of the Planets                                      | GSCI 162                                  |
| The Matter of Matter                                         | GSCI 163                                  |
| Physical Science                                            | GSCI 164                                  |
| The Way Life Works                                          | GSCI 165                                  |
| Environment in Context                                      | GSCI 166                                  |

**Notes**
Courses taken as part of the Core will not double count in concentration areas. An exception is GMUS 203 in Humanities/Social Sciences, track 3.
* When fulfilling the Economics and Geography Core requirements, students must take either GECON 200 or GANTH 195 or GGEOG 200 to complete General Education requirements in the Cluster 4, Global Experience area.
** Students scoring ≥21 on the math placement CALC exam may enter MATH 107. Scores of 15-20 require MATH 155, and scores < 15 require MATH 156 as pre-requisites to MATH 107. A “C-”or better is required in MATH 107 to take MATH 108.
*** Students are strongly encouraged to take Track II, though Track I, or the proper mix of Track I and II courses are acceptable. Students should see their IdLS advisors if they have taken Track I courses before becoming an IdLS major, or if Track II courses are unavailable. Science course work should cover earth, physical, and life sciences.
Upper-level IdLS Concentrations Options for IECE, ELED, and SPED

Choose one option (all require 7 courses at the upper level; courses are on the following page)

_____ Math and Science (3-4 courses in math and 3-4 courses in science)

_____ Math and Humanities/Social Sciences (3-4 courses in math, and 3-4 courses in a humanities/social sciences track)

_____ Science and Humanities/Social Sciences (3-4 courses in science, 3-4 courses in a humanities/social sciences track)

_____ Humanities and Social Sciences (6 courses in a humanities/social sciences track, plus IDLS 400)
Upper-level Concentration Area Courses for IECE, ELED, and SPED

**Humanities and Social Sciences**
Choose one track. Course options for each track available by semester on the IdLS website at [www.jmu.edu/idls](http://www.jmu.edu/idls)
 Track 1 – Citizenship and Public Policy
 Track 2 – Race, Ethnicity, Gender, and Class
 Track 3 – The Americas
 Track 4 – Europe
 Track 5 – Asia, Africa, and the Middle East
 Track 6 – Ethics, Values, and Spirituality
 Track 7 – Family, Community, and Institutional Settings – This track is for Special Education minors only

**Science***
ASTR 301 Searching for Life in the Universe
BIO 353 Basic Ecology
BIO 364 Human Uses of Plants
BIO 366 Plants and the Environment
CHEM 280 Chemistry for Teachers
GEOG 415 Climatology
GEOL 211 Introduction to Oceanography
GEOL 301 Earth Science for Teachers
GEOL 320 Meteorology
ISAT 495 Technology in Our World: Better by Design
PHYS 215 Energy and the Environment

**Mathematics** ****
MATH 304 Principles of Algebra
MATH 305 Principles of Geometry
MATH 306 Principles of Analysis
MATH 307 Principles of Probability and Statistics

**Notes**
*Students should select science courses to try to cover biological, earth, and physical sciences (i.e., physics and chemistry). IdLS advisors can help in course selection.
**Students seeking the Algebra I endorsement should take the four mathematics courses listed, plus MATH 135.