<table>
<thead>
<tr>
<th><strong>LIFE SCIENCES 2AP3</strong></th>
<th><strong>LIFE SCIENCES 3RP3</strong></th>
<th><strong>LIFE SCIENCES 3EP3</strong></th>
<th><strong>LIFE SCIENCES 4EP6</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DESCRIPTION</strong></td>
<td>Provides students an opportunity to explore career options and integrate academics in the laboratory or clinic of a faculty member working on campus at McMaster</td>
<td>Provides students an opportunity to explore potential research projects while volunteering in the laboratory or clinic of a faculty member at McMaster University</td>
<td>Provides students an opportunity to explore career options and integrate academics with a community, volunteer or professional experience</td>
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| **EXPECTATIONS**      | - 60 hours of placement work on campus  
- Academic component  
- Occasional lecture/tutorial  
- Completed over one term | - 60 hours of placement work in the laboratory or clinic over one term  
- Academic component required  
- Student must complete a research proposal as a final deliverable for the course | - 120 hours of placement work completed over two terms  
- Academic component required |
| **PREREQUISITES**     | - Registration in Level II of any program in the Faculty of Science  
- Minimum GPA of 9.0  
- Permission of the academic supervisor  
- Completion of the 2AP3 application form  
- Permission of the Director of Life Sciences (or delegate) | - Credit or registration in SCIENCE 2C00  
- Registration in Level III or above of a Life Sciences program  
- Permission from the research supervisor  
- Completion of the 3RP3 application form  
- Permission from the Director of Life Sciences (or delegate) | - Credit or registration in SCIENCE 2C00  
- Registration in Level III or above of a Life Sciences program  
- Permission from the placement & academic supervisors  
- Completion of the 3EP3 application form  
- Permission from the Director of Life Sciences (or delegate) |
| **ANTI-REQUISITES**   | BIOL 3EP3, LIFE SCI 3EP3, 3EX6, 3RP3, 4EP6, SCIENCE 3EP3, 3EX6, 3RP3 | Not open to students with credit or registration in any department- or program-based applied placement, independent study, research seminar, internship or practicum course within the University | This course cannot be taken concurrently with any other applied placement course, independent study course, research seminar, internship or practicum course within the University |
| **EXAMPLES**          | Any Experiential or Research Placement on the McMaster University campus | Research lab projects  
- Prostate cancer  
- Vitamin D status in pregnancy as a determinate of early bone growth  
- Diabetes Transition Clinic | - Chiropractic, physiotherapy, dental office  
- Teaching, developing teaching resources  
- Community health programs  
- Patent office, policy group  
- Science writing, art/animation and science |

Sept 2013