<table>
<thead>
<tr>
<th>Program:</th>
<th>Geography</th>
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<tbody>
<tr>
<td>Degree:</td>
<td>MS</td>
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<tr>
<td>Department:</td>
<td>Geography</td>
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<tr>
<td>Contact Name:</td>
<td>David Cairns</td>
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<tr>
<td>Contact Phone:</td>
<td>845 7141</td>
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### Outcome
Master degree-program requirements, including theories, concepts, principles, and practice, and develop a coherent understanding of the subject matter through synthesis across courses and experiences.

### Marketable Skills
- Mastery and expertise of disciplinary knowledge in Geography to solve geographic problems
- Knowledge of analytical or scientific software and methods appropriate to contemporary geographic enquiry

### Outcome
Apply subject matter knowledge in a range of contexts to solve problems and make decisions.

### Marketable Skills
- Obtain geographic data and develop skills to analyze geographic data
- Apply knowledge and techniques to help solve contemporary geographic problems

### Outcome
Use a variety of sources and evaluate multiple points of view to analyze and integrate information and to conduct critical, reasoned arguments.

### Marketable Skills
- Produce data layers, maps, tables, or reports, using spatial analysis procedures or geospatial technologies and methods
- Synthesize information from multiple sources in geographic domain

### Outcome
Communicate effectively.

### Marketable Skills
- Express geographic concepts in writing, speaking, and graphically to discipline specific and general audiences
- Communicate information and ideas effectively in public speaking
- Lead, train, or supervise technicians or related staff in geographic studies

### Outcome
Use appropriate technologies to communicate, collaborate, conduct research, and solve problems.

### Marketable Skills
- Apply critical thinking and demonstrate proficiency in solving geographic problems using appropriate geographic geospatial methods and technologies
- Work collaboratively with colleagues to solve complex geographic problems

### Outcome
Develop clear research plans and conduct valid, data-supported, theoretically consistent, and institutionally appropriate research.

### Marketable Skills
- Design, collect, analyze, and interpret geographic quantitative and qualitative data and draw inferences from them

### Outcome
Choose ethical courses of action in research and practice.
| Marketable Skills | • Articulate the ethical responsibilities of a geography professional and choose ethical courses action in his/her work  
• Know and apply accepted practices for accurate and truthful reporting of results and citation of previous work |