# Geological Sciences 101
## Schedule for Lab Activities

Times: Mon, Tue, Wed, Thu, Fri 2:00-4:25 pm; Mon 7:30-10:00 pm  
Place: 1150 Snee Hall

Please note that you must attend the lab you are enrolled in unless you make prior arrangements with your TA. Lab makes up >50% of your grade, so be there!

Field trips will involve hiking, and walking shoes will be required. Field trips and other outdoor labs will take place rain or shine, so dress accordingly and don't be late!

All labs meet in Snee Hall 1150 unless otherwise indicated.

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Activity</th>
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| 1    | Aug. 30 - Sept. 4 | Field Trip to Sixmile Creek  
Examining the Hydrologic Cycle  
(vans leave from Snee parking lot) |
| 2    | Sept. 6 - Sept. 11  | Field Trip to Fall Creek  
Geomorphology and Ithaca's Glacial Past  
(meet in Vet School parking lot, north side of B lot - see Campus Map) |
| 3    | Sept. 13 - Sept. 18  | Field Trip to Enfield Glen  
Evidence for Uplift  
(vans leave from Snee parking lot) |
| 4    | Sept. 20 - Sept. 24  | Stones and Stories of Cornell  
Introduction to Sedimentary Rocks |
| 5    | Sept. 27 - Oct. 1    | GPS and the Size of the Earth  
Extrapolating from a part to the whole... |
| 6    | Oct. 4 - Oct. 8      | Shake it!  
Exploring the Earth's Inaccessible Interior |
| 7    | Oct. 13 - Oct. 19    | When the Earth Rocks and Rolls  
Introduction to Seismology |
| 8    | Oct. 20 - Oct. 26    | Crystals and the Composition of the Earth  
Introduction to Mineralogy |
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<th>Week</th>
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<th>Topic</th>
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| 9    | Oct. 27 - Nov. 2 | Volcanoes and their Products  
Introduction to Petrology                                               |
| 10   | Nov. 3 - Nov. 9 | GIS and Plate Tectonics  
A New View of the Earth's Dynamic Surface                               |
| 11   | Nov. 10 - Nov. 16 | The Sandbox's Fault  
Introduction to Geologic Structures                                      |
| 12   | Nov. 17 - Nov. 23 | Glaciers Viewed from Space  
Remote Sensing applied to Climate Change                                |
| 13   | Nov. 29 - Dec. 3 | From Icehouse to Greenhouse  
Records of Past and Present Climate Change                                |