<table>
<thead>
<tr>
<th><strong>School/ Program</strong></th>
<th><strong>Semesters in Mathematics</strong> (St. Olaf)</th>
<th><strong>Creativity in Computer Science &amp; Software Engineering</strong> (AIT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Budapest</td>
<td>Budapest</td>
</tr>
<tr>
<td>Population</td>
<td>1.7 million</td>
<td>1.7 million</td>
</tr>
<tr>
<td>Interesting Facts</td>
<td>Budapest is actually three cities: Buda, Obuda, and Pest</td>
<td>Known as the “Capitol of Spas and Thermal Baths”</td>
</tr>
<tr>
<td>Climate</td>
<td>Temperate, transitional climate</td>
<td>Temperate, transitional climate</td>
</tr>
<tr>
<td>Term(s)</td>
<td>Fall / Spring</td>
<td>Fall / Spring</td>
</tr>
<tr>
<td>GPA req.</td>
<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td>Prerequisite</td>
<td>1 semester of Abstract Algebra or Advanced Calculus</td>
<td>One programming course, math course beyond calculus</td>
</tr>
<tr>
<td># of Students</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Internships Available</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>Housing</td>
<td>Apartment/Homestays</td>
<td>Apartment</td>
</tr>
<tr>
<td>Language of Instruction</td>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td>Good for Students interested in...</td>
<td>• Abstract Algebra (Intro &amp; Advanced)</td>
<td>The program is made up of four course groups, each containing several different course offerings...</td>
</tr>
<tr>
<td></td>
<td>• Abstract Algebra</td>
<td>• Foundational courses in computer science</td>
</tr>
<tr>
<td></td>
<td>• Complex Functions</td>
<td>• Advanced Applications</td>
</tr>
<tr>
<td></td>
<td>• Combinatorics</td>
<td>• Creative design and entrepreneurship</td>
</tr>
<tr>
<td></td>
<td>• Conjecture and Proof</td>
<td>• Humanities courses related to Hungary’s rich cultural heritage</td>
</tr>
<tr>
<td></td>
<td>• Differential Analysis</td>
<td>• Plus Hungarian language and culture courses</td>
</tr>
<tr>
<td></td>
<td>• Galois Theory</td>
<td>• Combinatorial and computational aspects of bioinformatics</td>
</tr>
<tr>
<td></td>
<td>• Graph Theory</td>
<td>• Dynamic Systems and Bifurcations</td>
</tr>
<tr>
<td></td>
<td>• Number 1 Theory</td>
<td>• Plus Hungarian language and culture courses</td>
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<tr>
<td></td>
<td>• Probability Theory</td>
<td></td>
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<tr>
<td></td>
<td>• Set Theory</td>
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<tr>
<td></td>
<td>• Theory of Computing</td>
<td></td>
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<tr>
<td></td>
<td>• Algebraic Topology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Combinatorial and computational aspects of bioinformatics</td>
<td></td>
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<td></td>
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