Geospatial Programming (CEGE0096)

Description
This course provides a foundation in programming in the context of geospatial science and technology. Using Python as the main language, students will learn the principles of programming, including languages and syntax, paradigms, variables, control flow and functions. Students will apply their programming skills to geospatial workflows, such as map production, geospatial data processing and analysis. Finally, students will learn the principles of object oriented programming and how it relates to geospatial science.

Key information
- Year: 2019/20
- Credit value: 15 (150 study hours)
- Delivery: PGT L7, Campus-based
- Reading List: View on UCL website
- Tutor: Dr James Haworth
- Term: Term 1
- Timetable: View on UCL website

Assessment
- Coursework: 50%
- Group project: 50%

Find out more
For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of December 2018. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.
Geospatial Programming (CEGE0096)

Description
This course provides a foundation in programming in the context of geospatial science and technology. Using Python as the main language, students will learn the principles of programming, including languages and syntax, paradigms, variables, control flow and functions. Students will apply their programming skills to geospatial workflows, such as map production, geospatial data processing and analysis. Finally, students will learn the principles of object oriented programming and how it relates to geospatial science.

Key information

<table>
<thead>
<tr>
<th>Key information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year</td>
<td>2019/20</td>
</tr>
<tr>
<td>Credit value</td>
<td>15 (150 study hours)</td>
</tr>
<tr>
<td>Delivery</td>
<td>UGM L7, Campus-based</td>
</tr>
<tr>
<td>Reading List</td>
<td>View on UCL website</td>
</tr>
<tr>
<td>Tutor</td>
<td>Dr James Haworth</td>
</tr>
<tr>
<td>Term</td>
<td>Term 1</td>
</tr>
<tr>
<td>Timetable</td>
<td>View on UCL website</td>
</tr>
</tbody>
</table>

Assessment

- Coursework: 50%
- Group coursework: 50%

Find out more
For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of December 2018. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.