# Humanitarian Engineering

## Course Comparison

“Explore more and become a highly trained professional with a broad perspective and with skills and dedicated to tackle all aspects of real-world humanitarian problems.” - Dr Georgia Kremmyda - Director MSc Humanitarian Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>MSc in Humanitarian Engineering</th>
<th>MSc in Humanitarian Engineering with Sustainability</th>
<th>MSc in Humanitarian Engineering with Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Designed for students who are looking to explore all professional and disciplinary facets of humanitarian challenges.</td>
<td>Ideal for students with a keen interest and background in Engineering, with its focus on renewable energy, sustainable cities, and infrastructures for emergencies.</td>
<td>The perfect choice for students looking to develop their expertise in the field of management, exploring project management, communication and leadership.</td>
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</tbody>
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| Core Modules | • Humanitarian Engineering: Ethics, Theory and Practices  
• An introduction to Global Health  
• Water and Environmental Management  
• One Humanity; Shared Responsibility  
• Disasters, Resilience and Urban Data  
• Renewable Energy | n/a | n/a |
| Optional Core module | Humanitarian Law | n/a | n/a |
| Specialist Core Modules | n/a | • Sustainable Operations and Humanitarian Supply Chains  
• Sustainable Cities and Infrastructures for Emergencies | • Sustainable Operations and Humanitarian Supply Chains  
• Project Management |
| Optional Modules | 2 optional modules (1 from List A and 1 from List B)  
List A  
• Sustainable Cities and Infrastructures for Emergencies  
• Sustainable Operations and Humanitarian Supply Management  
List B  
• Communication and Leadership  
• Design for Sustainability  
• Project Management | 1 optional module or 1 extended version of core module  
• Disaster and Resilience and Urban Data  
• Renewable Energy  
• Sustainable Cities and Infrastructures for Emergencies | 1 optional module or 1 extended version of core module  
• Sustainable Operations and Humanitarian Supply Management  
Optional List  
• Humanitarian Law  
• Sustainable Cities and Infrastructures for Emergencies  
• Communication and Leadership |
| Project | Final Research Project |