

Subject Code	BSE3S02																					
Subject Title	Living Environment for Low-income Communities in Developing Regions																					
Hosting Department	Department of Building Services Engineering																					
Level	3																					
Class Quota	15																					
Medium of Instruction	English																					
Subject Duration	Semester 2 + Summer Term																					
Teaching Staff	Dr. Mui Kwok Wai, Horace, Dr. Wong Ling Tim																					
Target Students	GUR for students from FENG, FCE, FAST & FHSS																					
Pre-requisites	Nil																					
Selection of students required?	Yes																					
Subject Synopsis	<p>Concept and practice of service-learning; basic needs and indoor environmental quality (IEQ), ways of IEQ improvements; introduction to off-shore sites, specific technical and skills to the project.</p> <p>http://www.bse.polyu.edu.hk/programmes/SubjectCode/pdf/BSE3S02.pdf</p>																					
Service Project																						
What will students do to serve?	<ol style="list-style-type: none"> 1. Carry out client survey to identify the gap to basic needs for the residents in the low-income regions; 2. Propose recommendations on improvement of living standard in low-income families, and 3. Carry out construction / renovation / development of engineering systems which improve the living quality in low-income regions. <p>Examples of project topics include: rocket stoves and leaf logs/briquettes, water and energy means and provisions, trash reduction and recycling, development of homeowner rain harvesting system, solar power and wind power systems.</p>																					
Whom will students serve?	Low-income families and/or individuals at off-shore sites																					
Where will students serve?	<table> <tr> <td><input type="checkbox"/></td> <td>Hong Kong</td> <td>District:</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Chinese mainland</td> <td>Province:</td> </tr> <tr> <td></td> <td></td> <td>City:</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Taiwan</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Macau</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Overseas</td> <td>Country: Rwanda</td> </tr> <tr> <td></td> <td></td> <td>City:</td> </tr> </table>	<input type="checkbox"/>	Hong Kong	District:	<input type="checkbox"/>	Chinese mainland	Province:			City:	<input type="checkbox"/>	Taiwan		<input type="checkbox"/>	Macau		<input checked="" type="checkbox"/>	Overseas	Country: Rwanda			City:
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When will students serve?	Deliver services in the 2 nd and 3 rd weeks of June 2020 (TBC)
Fee payable by students	HKD5,000 (TBC)
Enquiry	Dr. MUI Kwok Wai, behorace@polyu.edu.hk Dr. WONG Ling Tim, beltw@polyu.edu.hk Ms. Artemis KUO, mlkuo@polyu.edu.hk