

|  |  |
|--|--|
| <b>Subject Code</b>                    | BSE3S03E   |
| <b>Subject Title</b>                   | Living Environment for Low-income Communities  |
| <b>Hosting Department</b>              | Department of Building Environment and Energy Engineering  |
| <b>Level</b>                           | 3  |
| <b>Class Quota</b>                     | 30   |
| <b>Medium of Instruction</b>           | English  |
| <b>Subject Duration</b>                | Semester 2 + Summer Term   |
| <b>Teaching Staff</b>                  | Dr. Wong Ling Tim, Prof. Mui Kwok Wai, Horace  |
| <b>Target Students</b>                 | GUR for students from FENG, FCE, FAST & FHSS   |
| <b>Pre-requisites</b>                  | Nil  |
| <b>Selection of students required?</b> | Yes  |
| <b>Subject Synopsis</b>                | <a href="https://www.polyu.edu.hk/beee/-/media/department/beee/content/study/subject-code/sdf202122/bse3s03.pdf">https://www.polyu.edu.hk/beee/-/media/department/beee/content/study/subject-code/sdf202122/bse3s03.pdf</a><br>(The link will be updated as soon as confirmed)   |
| <b>Service Project</b>                 |  |
| <b>What will students do to serve?</b> | <ol style="list-style-type: none"> <li>1. Carry out client survey to identify the gap to basic needs for the residents in the low-income communities ;</li> <li>2. Propose recommendations on improvement of living standard in low-income families, and</li> <li>3. Carry out construction / renovation / development of engineering systems which improve the living quality in low-income communities.</li> </ol> <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> |
| <b>Whom will students serve?</b>       | Low-income families and/or individuals   |

|  |   |                                    |           |   |           |  |       |                                 |  |                                |  |  |                   |  |       |  |  |
|--|---|------------------------------------|-----------|---|-----------|--|-------|---------------------------------|--|--------------------------------|--|--|-------------------|--|-------|--|--|
| <p><b>Where will students serve?</b></p>     | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><input type="checkbox"/> Hong Kong</td> <td style="width: 70%;">District:</td> </tr> <tr> <td><input type="checkbox"/> Chinese mainland</td> <td>Province:</td> </tr> <tr> <td></td> <td>City:</td> </tr> <tr> <td><input type="checkbox"/> Taiwan</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Macau</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Overseas</td> <td>Country: Cambodia</td> </tr> <tr> <td></td> <td>City:</td> </tr> <tr> <td></td> <td></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: Cambodia |  | City: |  |  |
| <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: Cambodia   |                                    |           |   |           |  |       |                                 |  |                                |  |  |                   |  |       |  |  |
|  | City:   |                                    |           |   |           |  |       |                                 |  |                                |  |  |                   |  |       |  |  |
|  |   |                                    |           |   |           |  |       |                                 |  |                                |  |  |                   |  |       |  |  |
| <p><b>When will students serve?</b></p>      | <p>Around 9 days between mid-May to early June (TBC)</p>  |                                    |           |   |           |  |       |                                 |  |                                |  |  |                   |  |       |  |  |
| <p><b>Fee payable by students</b></p>        | <p>HKD2000 (TBC)</p>  |                                    |           |   |           |  |       |                                 |  |                                |  |  |                   |  |       |  |  |
| <p><b>Enquiry</b></p>                        | <p>Dr. WONG Ling Tim, <a href="mailto:beltw@polyu.edu.hk">beltw@polyu.edu.hk</a><br/>         Prof. MUI Kwok Wai, Horace, <a href="mailto:behorace@polyu.edu.hk">behorace@polyu.edu.hk</a><br/>         Ms. Artemis KUO, <a href="mailto:mlkuo@polyu.edu.hk">mlkuo@polyu.edu.hk</a></p>   |                                    |           |   |           |  |       |                                 |  |                                |  |  |                   |  |       |  |  |