

Subject Code	CSE3S01
Subject Title	Built Environment Enhancement for Underprivileged Communities
Hosting Dept	Department of Civil and Environmental Engineering
Level	3
Class Quota	40
Medium of Instruction	English As most service users are Cantonese speakers, students who can communicate in Cantonese will have an advantage
Subject Duration	1-Semester (Summer Term)
Teaching Staff	Dr. Barbara WY Siu, Dr. Chung-lim Kwan, Dr. Hoi-yung Lin, Mr. Tony Chi-leung Lo
Target Students	GUR, open for students from Faculty of Construction and Environment
Pre-requisites	CE1000 Construction for Better Living (Freshman Seminar); and CE123 Managing the Built Environment
Selection of Students Required?	No
Subject Synopsis	http://www.cee.polyu.edu.hk/subject_synopsis.php
Service Project	
What will students do to serve?	<p>Students are going to work as a team to</p> <p>(i) Discuss and identify problems faced by the underprivileged in the built environments through interviews, shadowing the lives of the beneficiaries and field data collection.</p> <p>(ii) Develop a solution to alleviate/ solve the problems jointly with the beneficiaries. The objective is to come up with a proposal that will have the potential to be actualized to bring benefits to the community.</p> <p>(iii) Deliver the proposals to the community partner and beneficiaries through reports, exhibitions, or talks.</p> <p>Note:</p> <p>1. The built environment encompasses places and spaces including buildings and parks, local districts and their supporting infrastructure, such as water and electricity supply, and transportation systems, and also the ambient environment, such as ventilation, air quality, lighting, and noise.</p> <p>2. The actual project topic is to be confirmed. Examples of potential projects: indoor or outdoor air quality monitoring and improvement strategies which is helping elderly with chronic respiratory diseases; investigation on the locations of addition of footbridges or at-grade road crossing facilities to improve the mobility of the elderly in the</p>

	community.
Whom will students serve?	Underprivileged people, such as ethnic minorities, low-income group, elderly, or differently-abled people. This subject will focus on serving the elderly in Summer Term, 2013/14.
Where will students serve?	Hong Kong
When will students serve?	Daytime during weekdays and weekends. Students are expected to discuss with the community partner on the schedule of the activities.
Enquiry	Dr. Barbara WY Siu, email: barbara.siu@polyu.edu.hk