

Subject Code	ABCT2S01
Subject Title	Educating Rural Farmers on Healthier Food Production
Hosting Department	Department of Applied Biology & Chemical Technology
Level	2
Class Quota	80
Medium of Instruction	English
Subject Duration	Semester 2 + Summer Term
Teaching Staff	Dr. James Fang, Mr. Alex Chan Chung Yan
Target Students	GUR, open for all
Pre-requisites	Nil
Selection of students required?	No As the service clients are Putonghua/Cantonese-speaking people, students who can communicate in Putonghua (in Mainland worksites) and/or Cantonese (especially for Hong Kong worksite) will have an advantage.
Subject Synopsis	https://www.polyu.edu.hk/abct/docdrive/syllabus/ABCT2S01.pdf
Service Project	
What will students do to serve?	Students have to select a rural farming community in Mainland China or Hong Chi Association (working with the intellectual disabilities) in Hong Kong. They will be required to use their knowledge and skills acquired in class to help the farmers and the community on agricultural production, including but not limit to vegetable, fruit, mushroom and herb. It is targeted to enhance the efficiency in using various resources, especially on environment conservation, energy saving, raise in productivity level, reduce in default rate, and to enhance the crop quality and quantity as well as supply chain. Students will use simulated models, business model, fabrication of agricultural devices and by any other modes or demonstrations, including active involvement in routine farming activities, so as to help and to communicate with the rural farmers and community in need.
Whom will students serve?	NGO Hongchi Association Eco-farm in Hong Kong (for Hong Kong worksite) & Rural community in Mainland China
Where will students serve?	<input checked="" type="checkbox"/> Hong Kong District: North District <input checked="" type="checkbox"/> Chinese mainland Province: SiChuan / Xian or other place in South China City: _____ <input type="checkbox"/> Taiwan <input type="checkbox"/> Macau <input type="checkbox"/> Overseas Country: _____ City: _____
When will students serve?	Students have to select a preferred rural farming community. The visit to Sichuan/ Xian will take place in the Summer Term and will last for about 7 days. The local service in Hong Kong will take place in selected Saturdays during the semester.
Fee payable by students	About 1,500 HKD (Tentative)

Service Attributes	
Service Mode	<input checked="" type="checkbox"/> #OnlineService <input checked="" type="checkbox"/> #F2FService
Service Language	<input checked="" type="checkbox"/> #ServiceClient_Cantonese <input type="checkbox"/> #ServiceClient_English <input checked="" type="checkbox"/> #ServiceClient_Putonghua <input type="checkbox"/> #ServiceClient_OtherNonEnglish
Service Location	<input checked="" type="checkbox"/> #Location_HK <input checked="" type="checkbox"/> #Location_MainlandChina <input type="checkbox"/> #Location_Taiwan <input type="checkbox"/> #Location_Macau <input type="checkbox"/> #Location_Overseas
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