Overview

This course provides students with the opportunity to undertake a design project related to Humanitarian Engineering. The course will be problem based, with context aligned with clearly identified needs for a marginalised community, either locally or internationally. The course is intended to be predominantly team-based with groups working on humanitarian related challenges, as approved by the course coordinator.

Projects could include any or all of the following components as appropriate to the identified problem:

- background review of needs, context
- development of potential solutions, including review of existing data, research and technologies as appropriate
- evaluation of solutions
- economic
- social
- environmental
- technical
- possible prototyping and/or lab investigations and/or field work
- implementation strategy including involvement of the local community and consideration of long term sustainability.

Students will be encouraged to undertake community consultation e.g. via interviews or surveys or similar research to assist in the evaluation of solutions. The course is structured as independent project work with regularly scheduled meetings with an assigned academic advisor and/or industry mentor.
Faculty
Faculty of Engineering

School
School of Civil and Environmental Engineering

Study Level
Undergraduate

Offering Terms
Term 3

Campus
Kensington

Indicative contact hours
1

Timetable
Visit timetable website for details
Conditions for Enrolment

Pre-requisite: ENGG3001 and (ARTS2755 or ARTS2248 or ARTS2751 or ARTS2752)
Exclusion Courses

ENGG4060  |  6 UOC
Student Initiated Project
Course Outline

To access course outline, please visit:

ENGG4102 Course Outline
Fees

Commonwealth Supported Students   $1191
Domestic Students          $5970
International Students  $5970

DISCLAIMER
Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the fee website.

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179