Engineering for Change Nepal
with Engineers Without Borders
Information Guide

Photo by Kristine May
Engineers Without Borders
Engineering for Change Nepal

Engineers Without Borders (EWB) is a not-for-profit organisation with over ten years experience in creating change through humanitarian design, engineering and international development initiatives.

They achieve this by:

- Working in partnership to address a lack of access to basic human needs such as clean water, sanitation and hygiene, energy, basic infrastructure, waste systems, information communication technology and engineering education.
- Educating and training Australian students, engineers and the wider community on issues including sustainable development, appropriate technology, poverty and the power of humanitarian engineering.
- Leading a movement of like-minded people with strong values and a passion for humanitarian engineering within Australia and overseas.

EWB has a new Humanitarian Design Summit specifically designed for university students who would like to travel overseas to learn about humanitarian engineering first hand: [www.ewb.org.au/designsummit](http://www.ewb.org.au/designsummit)

**Program Overview**

- Travel to Nepal for two weeks, meeting with developing communities to learn about community development, appropriate technology and humanitarian engineering.
- Develop a deeper understanding of the role engineering and technology play in creating positive change within communities.
- Design a project to address an issue identified by EWB’s local community partner.
- Gain hours towards your professional experience requirements.
- Apply the skills and knowledge you have learnt at university within a Nepalese community context.
Program Details

The Humanitarian Design Summit in Nepal aims to challenge students to apply their skills and knowledge they have learned at university and apply them in a Nepalese community context developing their humanitarian engineering skills.

Teams, made up of students from a number of Australian Universities, will undertake a series of educational workshops before meeting with developing communities to learn about community development, appropriate technology, humanitarian engineering and design a project in conjunction with EWB’s community partners.

Students who have participated in the 2014 EWB Challenge may be particularly interested in this opportunity in Nepal as the Design Summit will include collaboration with Nepal Water for Health (NEWAH) - who were the partner community for the 2014 EWB Challenge. It is a great chance for students who undertook a project based in Nepal to visit and engage with this culture.

Proposed Itinerary:

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<th>Date</th>
<th>Activity</th>
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<tr>
<td>12-Jul</td>
<td>Arrival in Kathmandu</td>
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<td>13-Jul</td>
<td>Introduction to Nepal and Development</td>
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<td>14-Jul</td>
<td>Cultural Experiences- Kathmandu</td>
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<td>15-Jul</td>
<td>Community Partner Visits</td>
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<td>16-Jul</td>
<td>Pokhara</td>
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<td>17-Jul</td>
<td>Transit to Pokhara/Community Speaker</td>
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<td>18-Jul</td>
<td>Pokhara and Siem Reap city tour</td>
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<td>20-Jul</td>
<td>Kathmandu</td>
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<tr>
<td>21-Jul</td>
<td>Transit to Kathmandu</td>
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<td>22-Jul</td>
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<td>Cultural Experiences- Kathmandu</td>
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<td>24-Jul</td>
<td>Project Presentations</td>
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<td>26-Jul</td>
<td>Departure to Australia</td>
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Program Dates
12-26 July 2015

Program Cost
$3800

Travel Grants
BUiLD Travel grants are available for 5 students.
The travel grant available is $2000.

OS-HELP loan
Extra financial support can be gained by applying for an OS-HELP loan if applicable. If applying for OS-HELP is it compulsory that students attend the OS-HELP workshop on 23 or 24 April 2015.

INCLUDED IN PROGRAM COST:

- Tuition, training, facilitators and learning materials
- All meals
- Accommodation (shared twin rooms)
- In county transport (private minibus and tuk tuk’s)
- Access to project sites and communities
- Community and EWB facilitation
- Personal and Medical Travel Insurance provided by UTS

NOT INCLUDED IN PROGRAM COST:

- International flights from Sydney to Kathmandu
- Visa costs
- Vaccinations required
- Personal expenses
Who can apply

This fantastic trip is open to 5 UTS:BUiLD students with:

- A basic knowledge and understanding of engineering
- An easy going, flexible and independent character with a willingness to take initiative to learn
- A keenness to work hard and adapt to different surroundings and work environments
- Strong team working skills
- A current GPA of 1.5 or over

Requirements

If you are selected you must:

- Attend a pre departure session
- Represent UTS with distinction at all times during the program
- Submit at least two blog posts during the program to UTS to be used on the UTS:BUiLD Abroad Blog
- Submit a reflection piece to BUiLD on your return
- Complete a feedback survey on your return

Next steps

Complete the BUiLD application form online.

Applications close midnight 6 April 2015

For more information please contact:

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