

2017 UNIVERSITY OF TWENTE – STEVENS JOINED PROGRAMS
2nd ANNUAL RESEARCH & EDUCATION PROGRAM IN
URBAN RESILIENCE

***Project Hoboken is looking for motivated
students to study in the inspiring
environment in New York!***

Up to 6 fellowships will be issued to UT students to spend two months abroad working in dynamic teams on multi-disciplinary projects, supervised by both UT and Stevens staff. This transatlantic program focuses upon BSc students in their final year, MSc and PhD students. In this second year of this transatlantic cooperation up to 6 fellowships will be financed, with 1-3 per faculty. The involved UT faculties are: Behavioral, Management and Social Sciences (BMS), Engineering Technology (CTW) and Geo-Information Science and Earth Observation (ITC). Students attending this program can consider linking it to their BSc or MSc thesis and will receive EC credits, PhD students should consider and describe the relationship with their research project.

Are you a motivated, entrepreneurial, energetic, above average performing student who is also a reliable and devoted team-player?

Are you interested to get a highlight in your resume through the experience of studying and working on a project in the USA before you finish your degree? What a boost to your future!

Does this opportunity fit your professional plans? Do you want to push your borders and experience practical applications of your knowledge gained at one of the educational programs at UT?

Are you able to participate in the kick-off meeting on 16-17 February 2017 in Enschede to meet Stevens supervisors and UT supervisors and elaborate your project?

Are you able to work abroad two months in the period 1 May – 15 July?

If so, read the details below and apply by sending an email to Inge van Haare (e-mail: i.vanhaare@utwente.nl) as soon as possible however before **16 January 2016**. Please send (1) your resume highlighting how you may fit the program either in terms of qualification, experience or future ambition, (2) a recommendation letter from a UT staff member, and (3) a 1 page essay discussing your ideas along the lines of one of the 3 2017 topics (see the table below). Please also mention in the essay what potential role in a multidisciplinary team you would like to take on. All documents need to be written in English.

Background:

Worldwide governments wish to design and stimulate the development of resilient and attractive cities that offer high quality of life to their inhabitants. Since a large part of the world population resides in the coastal and delta areas, people need to learn to live with water now and in the light of climate change. Netherlands has been accumulating this experience for centuries. In the USA it became one of the top topics on the government's agenda after the disastrous aftermath of the hurricane Sandy in New York. A series of joined initiatives has been launched between the two countries, including an inspiring [Rebuild By Design](#) contest led by [Mr. H. Ovink](#). The current cooperation between the University of Twente and the Stevens Institute of Technology falls under this larger cooperation

umbrella. Stevens is situated adjacent to the River Hudson, and overlooking Manhattan. Students will work at Stevens supervised by UT staff members and Stevens staff members jointly. Check for a report of the the 2015-2016 exchange: <http://partnership-utwente-sit.weebly.com/>

In 2017 the University of Twente and the Stevens Institute of Technology are continuing the collaborative teaching project as a founding stone of the strategic transatlantic cooperation.

The group of six BSc, MSc, PhD students and involved staff members from UT and SIT will:

1. act as learning community within the UT-Stevens cooperation.
2. perform project-based learning and work on thematic issues.
3. contribute to the development of a sandwich program Summer-school.

Specification of potential students project topics:

Check the table for the generic themes and the topics prioritized for the 2016 round of projects. As it is, we aim at developing three projects, one per topic as described in the table, each project involving two students.

Generic themes	Topics 2016 projects
1. Concepts, Cases and Approaches to Risk, Resilience and Adaptive Policy-making	1.: Two students per project in the field of urban ethics/urban philosophy, related to the analytics of how cities shape the way we understand ourselves/the world
2. Sensing, Geo-Information Systems and Local Planning for Decision-making	2.: Two students per project in the field of big data analyses instrumental to urban problems/issues in resilient cities. Data might be smart phone data, data from apps, crowd-sourcing, social media, problems/issues might be transport, health, crime etc. under the umbrella of resilient cities
3. Inclusive Cities: Water Engineering and the Quality of Urban Life	3.: Two students per project in the field of Blue roofs, inflatable water reservoirs and related ideas/measures for temporary water-storage in climate resilient cities.

Timetable:

16 January 2017	Deadline for students to submit their applications
23-27 January 2017	Interviews with short-listed candidates
30 January 2017	Announcement of application decisions
16-17 February 2017	Kick-off meeting at the UT (with the participation of the selected students and the supervisors from the UT and the Stevens Institute)
February-April 2017	Students develop their project (with guidance from the UT and Stevens supervisors)
May-June 2017	Students complete their project through a two-month stay at the Stevens Institute (with guidance from the UT and Stevens Institute supervisors) ..