The University of Texas at Austin
Advanced Institute

Undergraduate Summer Internship in Transportation

June 3 - August 16
2013

usit application
name:
current mailing address:
telephone:
e-mail:
permanent address:
current address good until:
date of birth:
current school or college:
expected graduation date:
credit hours completed in major:
total credit hours completed:
GPA (cumulative):
GPA (in major):
area of interest in transportation:

name of recommenders:

send application to:  Dr. Chandra R. Bhat
USIT 2013
The University of Texas at Austin
Department of Civil, Architectural and Environmental Engineering
301 E. Dean Keeton St., C1761
Austin, Texas 78712-0278
e-mail: usit@engr.utexas.edu / telephone: (512) 232-6272 / fax: (512) 475-8744
Feel free to contact the USIT office if you have any questions.
A Career in Transportation

If Transportation Engineering interests you as a possible career, The University of Texas at Austin’s Undergraduate Summer Internship in Transportation (USIT) can help you in your decision and prepare you for admission to a graduate program. The internship is an intense 11-week program that provides unique insight into transportation engineering education and a possible career in the field.

The Internship

USIT is sponsored by the Advanced Institute for Transportation Infrastructure Engineering and Management (the Advanced Institute). The Advanced Institute is part of the Southwest Region University Transportation Center. It is funded by the U.S. Department of Transportation for the purpose of increasing the quality, number, and diversity of professionals entering the transportation sector. The program will offer up to ten selected undergraduate students the opportunity to gain firsthand experience in conducting transportation studies and to actively participate in transportation research with graduate students under the supervision of the Transportation faculty.

Lectures

All USIT interns will be enrolled in a colloquium series designed to introduce them to the transportation field. Over the course of the 11-week program there will be weekly lectures on a wide range of topics on transportation engineering given by distinguished academics and practicing engineers. Lectures are intended to be informal so as to encourage discussion.

Research

Students participating in the internship will be exposed to active research programs with sponsors such as the Texas Department of Transportation, the U.S. Department of Transportation, the National Science Foundation, and the Capital Metropolitan Transit Authority. The University’s Transportation Engineering research program encompasses a wide range of topics in the areas of: Transportation Systems Analysis; Pavement Materials, Design and Management; Traffic Science and Traffic Engineering; and Transportation Planning. Ongoing research opportunities include projects on Intelligent Transportation Systems (ITS), telecommuting, network operations, performance of pavement materials, infrastructure management systems, land use-transportation interactions, travel behavior modeling, condition assessment and monitoring, accelerated infrastructure testing, NAFTA-related international border traffic, port operations and intermodalism, bicycle facilities, transportation and air quality, and many others.

Support

Interns who are not current UT students will each receive a Fellowship of $4,500 over the 11-week period of the program. UT student interns will each receive a Fellowship of $3,500.

Internship Schedule

The internship is an 11-week program beginning Monday, June 3, 2013 and ending Friday, August 16, 2013 and is intended to be a demanding as well as rewarding experience. Interns will be assigned to one, in some cases two, ongoing transportation engineering research projects and are expected to work a minimum of 20 hours per week on that project. Students, however, tend to devote a great deal more than the required minimum hours per week on their projects. Weekends and evenings are not officially scheduled with activities.

Admission Eligibility/Selection Criteria

The internship is open to any currently enrolled college engineering junior or senior who is seriously considering pursuing a graduate education in transportation engineering. Students graduating before December 2013 are ineligible. The internship accepts students who have both the desire and ability to work on transportation research projects and have demonstrated computer, math and writing skills. Selected USIT participants will be notified of their acceptance no later than Monday, April 8, 2013. Only U.S. citizens or permanent residents are eligible.

Application Procedure

The deadline for application to the program is Monday, March 18, 2013. To apply, complete the attached application form and submit it with a resume, a personal (one page) essay describing your interests and career goals, of the program. UT student interns will each receive a Fellowship of $3,500 over the 11-week period of the program. USIT is part of the Southwest Region University Transportation Center. It is funded by the U.S. Department of Transportation for the purpose of increasing the quality, number, and diversity of professionals entering the transportation sector.

Participants are encouraged to use the room and board plans provided by the University of Texas at Austin. Information regarding the University’s summer housing may be obtained on the Internet at http://www.utexas.edu/student/housing and/or by contacting the University’s Housing and Food Service Office directly at (512) 471-3136. This office also maintains information on nearby off-campus housing in the event an applicant prefers to house him/herself.

Note: All interns selected for the program are required to commit to being at UT Austin in person during the entire period of the internship.

The University of Texas at Austin