



## Now Accepting Fall 2025 PhD Applications in Transportation Systems Engineering (TSE)

Professor Dean is seeking 1-2 highly motivated PhD students in Transportation Systems Engineering (TSE) to join his research group, [The STEER Lab](#), in Fall 2025.

Students will engage in innovative and high-quality research focused on sustainable transport-energy systems. They may work on funded projects related to vehicle-grid integration, the electrification of shared mobility systems, the adoption and use of low-carbon technology, and fleet control algorithms.

Required qualifications:

- A bachelor's or master's degree in civil engineering, applied mathematics, operations research, data science, computer science, or related discipline from a respected college or university
- A minimum undergraduate GPA of 3.0 or equivalent (and a graduate GPA of at least 3.6 or equivalent)

Preferred qualifications:

- Excellent written and oral communication skills, as demonstrated through standardized test scores and writing samples such as published papers or conference presentations
- Strong academic performance in coursework, with letters of recommendation that reflect active engagement in class
- Demonstrated programming and data analysis skills on languages such as Python, R, or C++ (strongly preferred)
- Ability to work independently and take ownership of research progress and quality
- Prior coursework and/or research experience in transportation or energy
- Strong GRE scores (>166 Quant, > 159 Verbal)

Applicants must meet all admission requirements for the Department of Civil and Environmental Engineering and the University of California, Irvine. **More information is available here (including deadlines):**

<https://engineering.uci.edu/dept/cee/academics/graduate/admission-requirements>  
<https://grad.uci.edu/admissions/applying-to-uci/>

**To be considered for admission, you must apply online.** Students can only be admitted with a complete application. Please note that Professor Dean typically does not respond to emails from prospective students or inquiries about available positions. Only specific and tailored emails that address the alignment of research interests are likely to receive a reply.