

Competence Standards: Department of Civil and Environmental Engineering

All undergraduate students will be expected to meet the basic academic competency standards as laid down by the Departments' admission policy (<http://www3.imperial.ac.uk/civilengineering/prospectivestudents/undergraduateadmissions>).

The following table highlights the key supplementary competences expected of students studying in the Department of Civil and Environmental Engineering.

Competency Standard

- The ability to work as part of a group/team, for the purposes of research, collective problem solving and communication of results/findings.
- The ability to present key facts, ideas, problem solutions, results etc. both verbally and in written form.
- The ability to work independently.
- The ability to use computer systems and appropriate software packages as an aid to research, analysis, problem solving and presentation.
- The ability to exercise self-learning.
- The ability to use acquired theoretical and practical knowledge to tackle unseen problems.
- Knowledge of the general principles and practices of professional codes of conduct.

Students seeking admission to Faculty of Engineering degrees should also be advised to consult the Engineering Council's UK Standard for Professional Engineering Competence (UK-SPEC) which identifies key competences for the various levels of the Council's registrants:

[http://www.engc.org.uk/engcdocuments/internet/Website/UK-SPEC%20third%20edition%20\(1\).pdf](http://www.engc.org.uk/engcdocuments/internet/Website/UK-SPEC%20third%20edition%20(1).pdf)

This document provides insight into the expectations of the Engineering Council for practising professionals, post-graduation.