

Civil Engineering PhD Program Outcomes

The Student:

1. acquires theoretical and practical knowledge in detail by carrying out scientific researches in the field of Civil Engineering, evaluates and uses the obtained information.
2. has detailed information about the techniques and methods used in the field.
3. is able to use scientific research methods and techniques at a high level.
4. brings an innovation that will allow different perspectives in the field of Civil Engineering; develops a new approach, method, design and / or an application or applies an existing method in a different field.
5. identifies an existing or new problem by theoretical models and finds an efficient solution by experimental studies.
6. takes part in team works and take the lead when necessary.
7. is aware of lifelong learning, and has the ability to follow developments in the field and the ability for continuous self-development .
8. uses a foreign language in order to probe the publications in the field, to communicate orally and in written with the scientific and social communities and do scientific publications.
9. contributes to the literature by publishing scientific research and development works s/he has conducted in the field of expertise
10. critically analyses and evaluates the effectiveness and does the synthesis of the new ideas and scientific developments put forward in the field.
11. is aware of the social, cultural, scientific and technological developments and conducts research and the application works within the framework of scientific objectivity and ethical values.