The student will be able to:

1. conduct research using scientific methods in compliance with generally accepted research ethic
2. independently model, calculate, analyze and design complex non-standard systems and structures
3. solve specific problems in an interdisciplinary manner in the context of the interrelationship between construction projects, systems and their environments
4. independently develop and improve activities in the field of research, planning, design, implementation and management of the most complex construction projects and related systems
5. evaluate, analyze and synthesize new concepts and results, and develop new methodology procedures
6. critically evaluate their own research work and the research work of others
7. apply research results and an interdisciplinary approach in a context than the one they were created in
8. conduct research activities
9. apply acquired knowledge and research results in teaching