

Program learning outcomes 2023

Knowledge

- PLO1: Apply general knowledge of the law, management, environmental protection, and sustainable development in solving problems in the civil engineering field and social issues;
- PLO2: Apply the scientific research methodology in the major of Civil Engineering;
- PLO3: Apply the basic knowledge of civil engineering to analyze, calculate, design, and maintain civil engineering projects toward the sustainable development;
- PLO4: Calculate and design civil engineering structures (e.g., bridges, roads, high-rise buildings, and underground works) using professional knowledge learned;
- PLO5: Participate in urban planning, management, exploitation, and maintenance of civil engineering structures toward the stable and sustainable development;

Skills

- PLO6: Make and implement proposals of scientific projects, course projects; and organize construction work, supervision, and management of construction projects;
- PLO7: Creatively apply the scientific and technological advances in the major for solving some specific problems in civil engineering;
- PLO8: Propose optimal technical solutions in the design and management of construction projects;
- PLO9: Demonstrate skills in writing reports, presentations, negotiations, and discussions in the field of civil engineering;
- PLO10: Demonstrate team working skills;
- PLO11: Achieve a minimum English level of 4/6 (following the 6-level English skills applied in Vietnam)

Ethics & Attitude

- PLO12: Be aware of civic responsibility; be responsible to the social community; understand and comply with the policies and laws of the Communist Party and Vietnamese government;
- PLO13: Demonstrate decent attitude, decent professional ethics, and professional working style;
- PLO14: Be honest and objective with scientific results.