

The study Plan of Minor in Railway Engineering

Requirements for the Minor in Railway Engineering (18 CHs)

The students must complete 18 credit hours, of which 12 credit hours of minor requirement courses and 6 credit hours of minor elective courses.

For all students joining from bachelor of science in mechanical engineering, bachelor of science in industrial and system engineering, bachelor of science of civil engineering, bachelor of science in electrical engineering, bachelor of science in computer engineering and bachelor of science in mechatronics engineering:

Students must complete 12 credit hours in minor requirement courses:

- MECH 411 Railway Management & Operations
- CVEN 463 Railway Track Engineering
- MECH 412 Railway Instrumentation and Control
- MECH 413 Railway Signalling

Students may choose 6 credit hours from minor elective courses:

- MECH 414 Railway Noise and Vibration
- IENG 411 Maintenance Planning and Control
- IENG 486 Service Operation Management