

MINIMUM CORE SUBJECT AREAS: BUILDING ENGINEERING

AREA	SUBJECTS / DESCRIPTION	RECOMMENDED CONTACT HOURS
All areas below are considered core for Building Engineering with recommended hours specified.		
1. Engineering	<ul style="list-style-type: none">- basic structural mechanics and structural analysis- fundamental concepts of reinforced concrete and structural steel design- temporary work design- fundamental concepts of geotechnical and foundation engineering- basic building services engineering	120
2. Construction Technology	<ul style="list-style-type: none">- construction materials- construction methods and advanced construction technology- maintenance technology	60
3. Construction Management	<ul style="list-style-type: none">- project management and procurement- construction engineering management- industrial safety	60
4. Law and Economics	<ul style="list-style-type: none">- construction law and contract administration- construction economics- measurement and documentation	60