

Ecole d'Urbanisme de Paris (EUP)

FIELD Sciences, technologies, santé

Course suitable for

Initial Education

Continuing Education

Recognition of prior learning

Apprenticeship

• How to apply :

Candidatures sur l'application en ligne de l'Université Gustave Eiffel. Deux vagues de candidature, au printemps et l'été.

Cette formation est proposée en partenariat avec le [CFA Gustave Eiffel](#)

• Course venue :

La formation se déroule pour les séquences 1,3,5 et 7 à Montrouge (au lycée professionnel Jean Monnet). La séquence 9 se déroule à l'Université Gustave Eiffel.

• Calendar :

Work-study schedule: 4 weeks

• Contacts :

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PROFESSIONAL BACHELOR CONSTRUCTION INDUSTRY CAREERS CIVIL ENGINEERING AND CONSTRUCTION



Projeteur BIM - Gros Œuvre
Bâtiment

PROFESSIONAL BACHELOR LP

ENTRY REQUIREMENTS

Holders of 2-year university-level diplomas in construction or public works fields

ACQUIRED SKILLS

Taking part in preliminary project development with the engineer in charge of carrying out the construction,

Proposing tailored technical solutions to customers, pursuant to regulations and standards in effect,

Drafting calculation notes and plan files based on specifications drawn up focusing on customer needs.

The design office draughtsperson reports to the head of the design office.

When working on Structural Work, they work in close collaboration with the calculation engineer. Using the latter's calculation notes, the draughtsperson draws up definition and implementation plans generally with BIM and/or CAD tools.

They are involved in checking that the project complies with regulations in effect. They are involved in scaling the work using specific software and draft calculation notes.

They propose technical solutions which optimize labour and material costs. The draughtsperson is generally autonomous, able to auto-check the plans they produce.

YOUR FUTURE CAREER

The Professional Design Office Draughtsperson Degree is an end-of-study Degree.

STUDY PROGRAM

UE1 Communication Project Management UE1-1 Oral and Written Communication Skills - UE1-2 Technical English for Buildings - UE1-3 Quality Management, Health & Safety at Work -
UE2 Representing - Drawing UE2-1 Technical Synthesis and Validation - UE2-2 Concepts of Descriptive Geometry - UE2-3 Standards and Principles of Technical Drawing -
UE03 Drawing Up Specifications - Evaluating the Specifications UE3-1 Building Construction Technology - UE3-2 Design Principles and Structural Building Materials - UE3-3 Normative Aspects -
UE4 Drawing in Compliance with the Standards in Force UE4-1 CAD/CAM - Autocad - UE4-2 BIM Coordination - UE4-3 BIM - UE4-4 Professional Project - Reinforcements -
UE5 Taking Part in the Sizing of a Structure UE5-1 Calculating Concrete Structures - UE5-2 Prestressed Concrete Structures - Mixed - UE5-3 Bio-sourced Buildings -
UE6 "Building and Digital Technology" Tutored Project
UE7 Internship