

# Branch: Mason



**Code:** MASON

**Option:** Mason

**Level :** CAP

**Prerequisites :** First cycle study certificate

**Opportunities:**

The mason usually works in a company under the direction of a site manager. They can also set up on their own as a craftsman: in this case, they will have to find their own customers.

**Description**

The mason brings the building out of the ground. It is he who carries out the building's structural work: he builds the foundations, erects the walls, partitions, lays the slabs, etc. To do this, he has to assemble the materials in accordance with the plans provided to him, the levels, the plumbness... but this is not just assembly! He must know the materials he is using: stone and brick, of course, but also, and increasingly, reinforced concrete and composite materials, as well as the materials that will be used to hold the whole together, i.e. mortar, cement, plaster and resin. In addition, he must know the entire construction chain, from formwork to plastering, including concreting and reinforcement.

You will learn to build with stones, bricks, breeze blocks or rubble stones which you will assemble with binding materials. You will know how to dose mortars and you will know the difference between the various materials and types of

plaster: cement, lime, sprayed plaster, float plaster, etc. You will use lifting equipment to assemble prefabricated or agglomerated panels and concrete slabs. You will also learn how to use hand tools such as trowels, plumb bobs, spirit levels and mechanical tools such as concrete mixers, elevators, electric and mechanical vibrators.

**Quality and competences :**

The work on the site requires good health, a sense of balance, a strong team spirit, and absolute respect for safety rules.