



CHASSIS DESIGNER

CHASSIS

Green Innovation meets performance

Our Project

Formula Electric Belgium is a student-based race team that pushes green innovation to performance. We design and build our own electric race car each year to participate in the international Formula Student competitions. This year, we are looking for pioneers to challenge the status quo and bring our top-notch electric race car to the next level. As a postgraduate student, you will research, design, test your systems together with a group of highly motivated, ambitious students. You will work together with your team members and numerous companies to develop new innovations.

Function

Formula Electric Belgium has always strived to build the most lightweight chassis possible. As Chassis Designer, you will be in charge of the **final outlook** of our next car, taking the **placement** of all our technical components into account.

As the designer of our positive molds, your work is crucial in creating a light, smart, and reliable design ready for manufacturing. You'll use **FEM simulations** to analyze internal forces and stresses, ensuring the structural integrity of your design.

In addition, you'll have the opportunity to oversee our **ergonomics** part-timers and make a real impact on the performance of our Formula Student car. The ergonomic design is the interface between the theoretical performance of the car, and the real human-machine interface which makes it possible for the driver to use this performance in the real world.

Profile

- Bachelor/Master Engineering Science, Engineering Technology or Business Engineering
- Experienced CAD designer
- Good knowledge of composite materials
- Willing to learn quickly about composite manufacturing methods

Returns

- Experience in a unique field of expertise
- Gain exposure to cutting-edge technologies and industry-leading organizations
- Possibility to network and cooperate with international stakeholders
- A summer packed with international racing competitions!

Up for the challenge?



Submit your **resume** and **motivation letter** (one page)
to recruitment@formulaelectric.be