



# STRUCTURAL ENGINEER CHASSIS

## Green Innovation meets performance

### Our Project

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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

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As Structural Engineer, your key focus is to ensure the **structural integrity** and **safety** of the car, while assuring that all subsystems of the car can come together in the high-tech wonder that is the Formula Student race car.

This entails **composite structural design** of the main, load-bearing parts, proving their safety compliance through calculations and testing. Lightweight, strength and manufacturability is the name of the game!

With the goal of **optimizing the chassis' laminate** without compromising structural integrity, you'll have the opportunity to bring your creative ideas to life and see your designs driving on track.

If you're a talented Structural Engineer with a passion for innovation and a drive to excel in the field of racing, then this is the role for you. Apply now to join our team and make your mark in the exciting world of Formula Student!

### Profile

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- Bachelor/Master Engineering Science, Engineering Technology or Business Engineering
- Good knowledge of composite materials
- Willing to learn quickly about composite manufacturing methods
- Hands on approach

### Returns

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- Experience in an 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?

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