

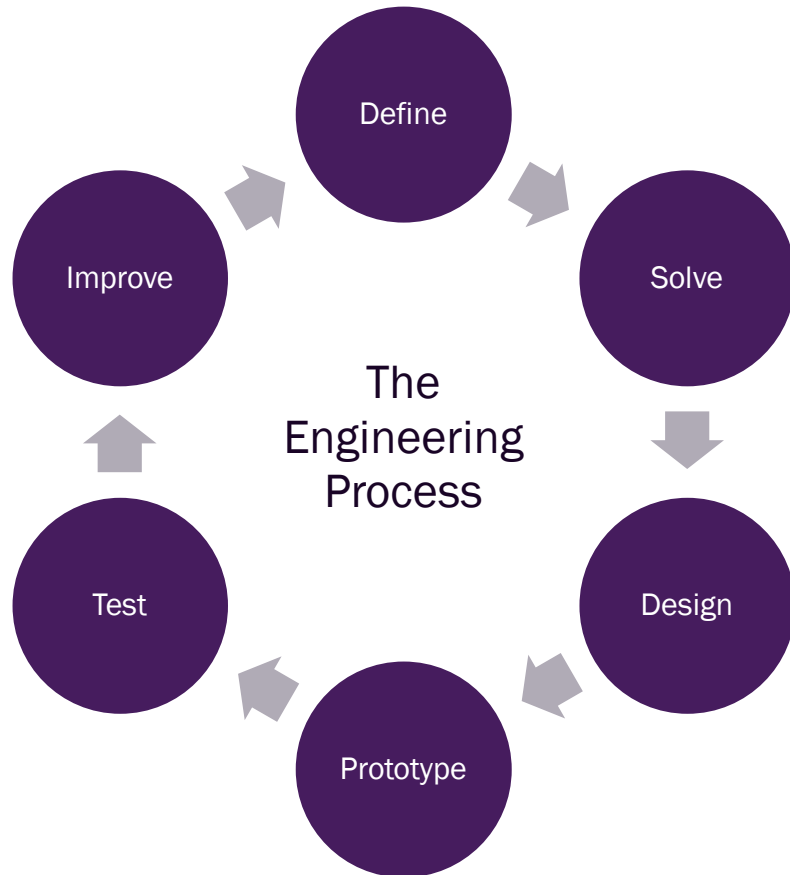
Formula Student as a Vehicle for Learning

Dr. Theodor Heath, Academic Lead

Mr. Padrig Owens, Team Lead

What is Formula Student?

Formula Student is Europe's most established educational engineering competition^[1]



Manchester Stinger Motorsports



Est. 2004

Student engineering society

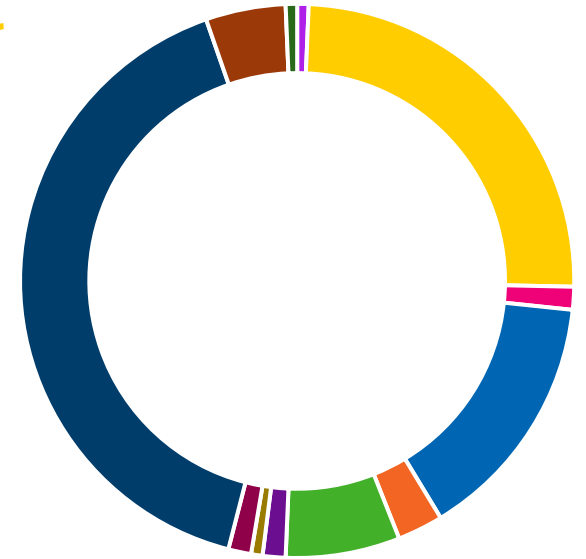
Student led and delivered

140 student members

10 disciplines

Petrol, electric and self-driving

Technician and academic support

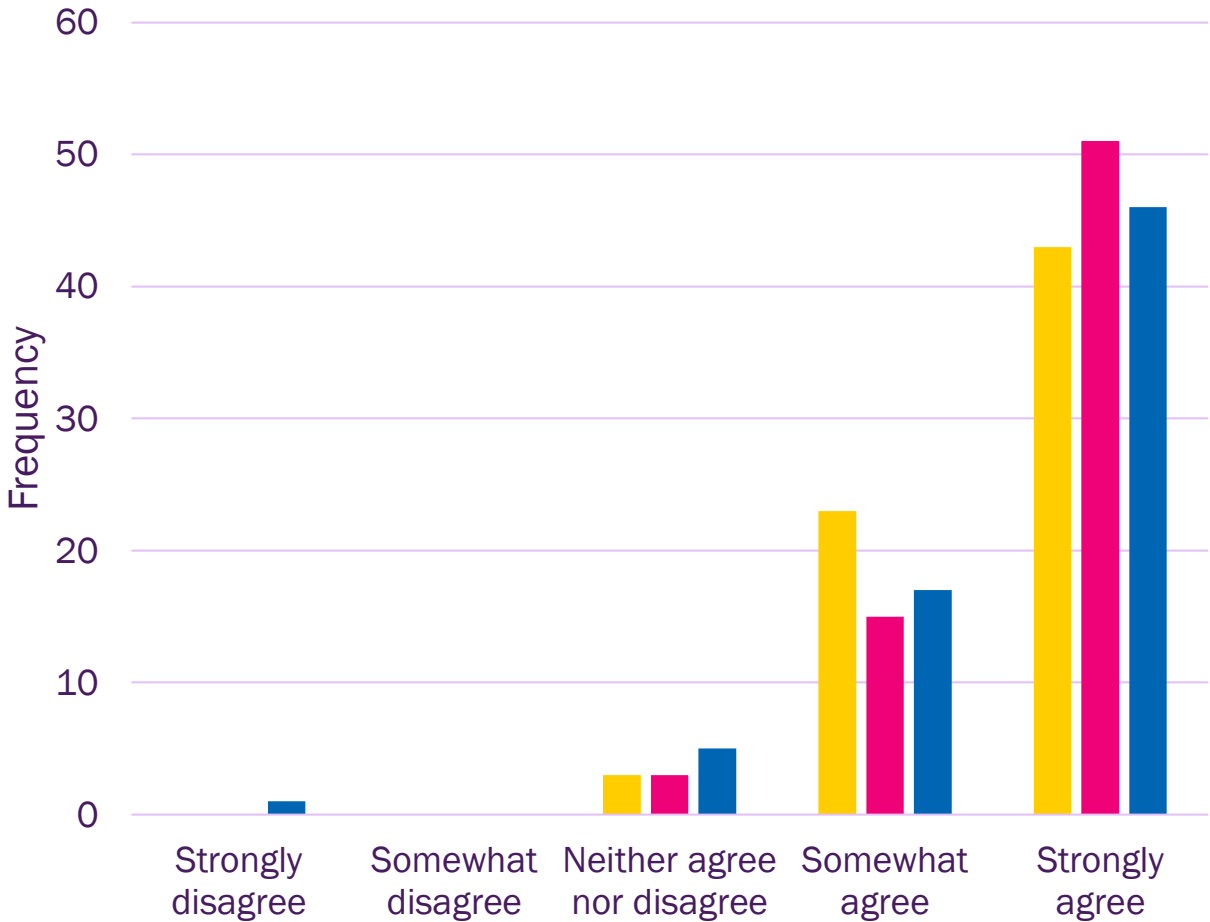


- Accounting and Finance
- Aerospace Engineering
- Chemical Engineering
- Computer Science
- Economics
- Electrical and Electronic Engineering
- Electrical Engineering
- Management
- Materials Science
- Mechanical Engineering
- Mechatronic Engineering
- Nano Materials



Student Experience Survey

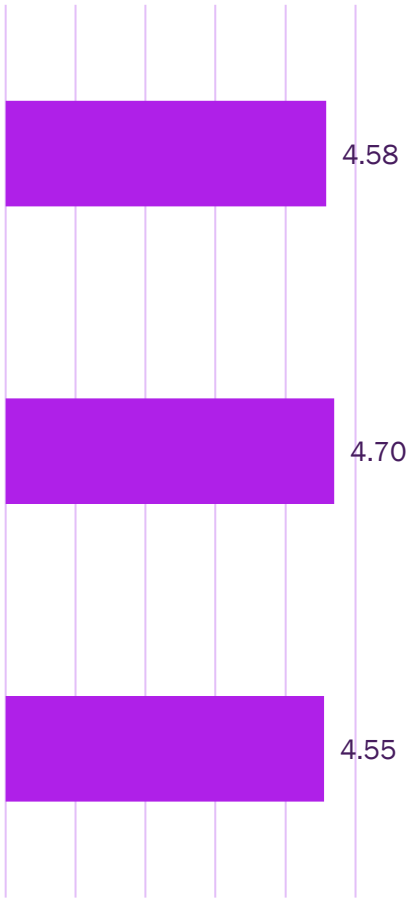
What do the students think?



■ My involvement in Formula Student positively impacts/impacted my experience as a student of the University of Manchester.

■ Formula Student enables/enabled me to apply engineering skills in a way I am unable to as part of my degree.

■ Formula Student enables/enabled me to learn engineering skills outside of my discipline.



69 total responses

61 respondents of current membership (43%)

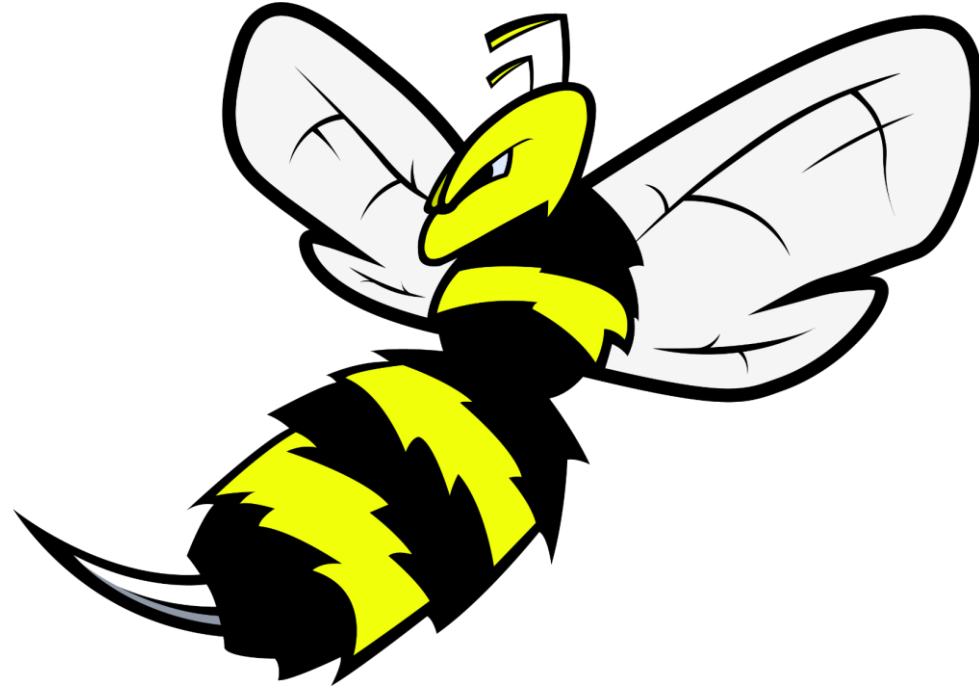
8 respondents from team alumni



Key Takeaways

- Formula Student is a positive and valuable vehicle for student learning
- Extracurricular activity can be an effective tool in supporting interdisciplinary learning when supported by partners
- Student engagement in technical activity outside their degree builds the skills needed to support their transition to industry
- Formula Student is a platform for genuine opportunities to develop soft skills





MANCHESTER STINGER MOTORSPORTS

formulastudentuom.com

theodor.heath@manchester.ac.uk