



# MACH GROUP

## WE ARE HIRING!

### GRADUATE BUILDING PHYSICS & SUSTAINABILITY CONSULTANT

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<b>LOCATION</b>	Bristol
<b>SALARY</b>	Competitive
<b>EMPLOYMENT</b>	Full Time

### JOB ROLE DESCRIPTION

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#### GRADUATE BUILDING PHYSICS & SUSTAINABILITY CONSULTANT

You will be fulfilling a Graduate Building Physics & Sustainability Consultant role to work in the MACH Energy team in Bristol. Your role will be to support the team in delivering our unique fusion of a dual-discipline approach to the design of low-energy buildings. We do this by thinking differently and blending our, two, highly skilled disciplines of Energy and Acoustics. To understand this better please watch our TEDx talk on YouTube. (<https://www.youtube.com/watch?v=KxsXzirPBgo>).

#### **THE AREA OF WORK YOU WILL COVER WILL INCLUDE:**

- 3D Modelling for overheating, daylighting and energy assessments
- IES Assessments and analysis
- Support on energy-use calculations and Passivhaus projects
- Advising on integrated design with the acoustics team
- Report writing (overheating, Part L, daylight/sunlight, Passivhaus)

The projects you will be involved with will range from small extensions, to larger £600m developments, including residential, schools and commercial projects.

## WHY WORK FOR MACH GROUP?

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### WHAT WE OFFER?

#### DIVERSITY

#### OPPORTUNITY

#### EXCELLENCE

#### PASSION

#### DEVELOPMENT

#### FLEXIBILITY

We are an office of young, friendly people and offer a relatively relaxed, informal environment, but with a drive and passion for low carbon design. Larger companies may hold you to a fixed description of roles, whereas we'll help you progress in areas where you are showing passion and skill, pushing you with more challenging elements of work. We will give you work that keeps you learning and will always provide you the support and mentorship you need to grow and develop.

## INTEGRATED DESIGN &

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### IN-HOUSE TRAINING

Because of our relatively unique approach of integrating acoustics with ventilation, daylight & energy use, you will need to develop a basic understanding of acoustic façade design. However, if you are interested in broadening your skills, we would provide you the opportunity with further in-house training on acoustics. This work compliments the training and experience you will gain in the energy team, helping you to deliver a more holistic design approach and provide you with an excellent foundation to build your career on.

## APPLY

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### JOIN MACH

# APPLY

We look forward to hearing from you.



[jobs@machacoustics.com](mailto:jobs@machacoustics.com)



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Baffled  
façade reducing  
Thermal  
gains whilst  
improving  
sound reduction

Thinking  
Differently

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