Preliminary eligibility check **International degrees** Master’s Degree Programme in **Biomedical Engineering** at the University of Groningen

Will you have a BSc diploma from a non-Dutch university before the start of the Master’s degree programme on 1 September?

- Yes
  - Do you meet the English language requirements? [https://www.rug.nl/fse/programme/admissions/msc/language-requirements](https://www.rug.nl/fse/programme/admissions/msc/language-requirements)
    - Yes
      - Did you do a bachelor’s degree programme in Biomedical Engineering, Mechanical Engineering, Physics or similar?
        - Yes
          - How many of the following courses topics are part of your bachelor programme (curriculum)?
            1. At least 5 ECTS of Mathematics with Calculus (Linear Algebra, differential equations), Statistics
            2. At least 10 ECTS of Physics (Mechanics, Electricity and Magnetism, Waver and Optics, Mass transport, Thermodynamics)
            3. At least 5 ECTS of general Biology or Microbiology
            4. At least 5 ECTS of Anatomy or Cell Biology
            5. At least 5 ECTS of Material Science, Biochemistry or Organic Chemistry
              - Less than 4 topics
                - You are probably not admissible. The Admission Board will ultimately decide based on your application documents.
              - 4 or 5 topics
                - You are probably admissible. The Admission Board will ultimately decide based on your application documents.
        - No
          - Not admissible
    - No
      - Not admissible

- No
  - Do you have experience in performing scientific research? Do you/will you have a resulting thesis?
    - Yes
    - No
      - Not admissible

Do you meet the English language requirements? [https://www.rug.nl/fse/programme/admissions/msc/language-requirements](https://www.rug.nl/fse/programme/admissions/msc/language-requirements)

- Yes
  - Did you do a bachelor’s degree programme in Biomedical Engineering, Mechanical Engineering, Physics or similar?
    - Yes
    - No
      - Not admissible

The BME Admission Board determines whether the specific content of your bachelor curriculum meets the admission requirements of Master’s degree programme in Biomedical Engineering. Your background needs to be clear from your transcript of grades/courses followed during your bachelor degree programme.

Note: This means that any non-university courses/topics from high school, self-study, etc. will **not be taken into account during the admission process** as we require all background knowledge to be at a bachelor level.

Your background should include courses at bachelor level in:

- **Mathematics**, including **Calculus** topics Linear Algebra and differential equations), and **Statistics**.
- **Physics** topics Mechanics, Electricity and Magnetism, Waver and Optics, Mass transport and Thermodynamics.

Other highly recommended course topics are:

- Anatomy
- General Biology
- Cell Biology
- Microbiology
- Computer Aided Manufacturing & Computer Aided Design
- Imaging Techniques
- Material Science
- Biochemistry
- Organic chemistry

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