Recommended Pathways for Success in Stage 1 Physics Courses at UoA
(Entry by NCEA*) 2024

- Majoring in Physics or Applied Physics or Environmental Physics
- New to Physics or consolidating basic concepts of Physics
  - ≥ 9 Level 3 credits in Physics, including 91524 Mechanics
  - ≥ 6 credits in 91578 Differentiation and/or 91529 Integration
  - Merit or excellence in 91524 Mechanics, 91526 Electricity, 91578 Differentiation, 91529 Integration

Rounding 102 (SS, S1)
- Recom. prep: MATHS 102

- PHYSICS 120 (S1, S2)
  - Recom. prep: MATHS 108, 120 OR 130

Rounding 201 (S1)
- PHYSICS 201 required for Physics/Applied Physics/Environmental Physics majors.

Rounding 202 (S2)

Rounding 203 (S2)
- PHYSICS 203 and 203 required for Physics and Applied Physics majors.

Rounding 244 (S1)
- PHYSICS 244 recommended for Applied Physics majors.

- Majoring in Biomedical Science or other life science programmes
- New to Physics or consolidating basic concepts of Physics
  - Recom. prep: MATHS 108, 120 OR 130

Rounding 160 (S2)
- Recom. prep: MATHS 108, 120 OR 130

For further academic advice or information about non-NCEA/CIE entry, please contact the Stage 1 Physics Coordinator, Mark Conway (m.conway@auckland.ac.nz).

- All stage 2 core physics courses have a maths prerequisite: MATHS 130 or MATHS 208.
- MATHS 130 provides the optimal background in calculus for PHYSICS 121 and can be taken with the course concurrently.
Recommended Pathways for Success in Stage 1 Physics Courses at UoA (Entry by CIE*) 2024

- **Majoring in Physics or Applied Physics or Environmental Physics**
  - New to Physics or consolidating basic concepts of Physics
  - PHYSICS 102 (SS, S1)
  - Recom. prep: MATHS 102

- **A grade in A Levels: Physics and Mathematics**
  - PHYSICS 120 (S1, S2)
  - Phys. 201 (S1)
  - Recom. prep: MATHS 108, 120 OR 130

- **C grade or higher in AS Levels: Physics and Mathematics**
  - PHYSICS 120 (S1, S2)
  - PHYSICS 201 (S1)
  - Recom. prep: MATHS 108, 120 OR 130

- **Majoring in Biomedical Science or other life science programmes**
  - New to Physics or consolidating basic concepts of Physics
  - PHYSICS 160 (S2)
  - PHYSICS 244 (S1)
  - Recom. prep: MATHS 108, 120 OR 130

- **PHYSICS 202 (S2)**
  - PHYSICS 203 (S2)
  - PHYSICS 204 (S2)
  - PHYSICS 205 (S2)

- **PHYSICS 244 recommended for Applied Physics majors.**

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