Recommended Pathways for Success in Stage 1 Physics Courses at UoA (Entry by NCEA*) 2020

Majoring in Geophysics or Physics [incl. Medical Physics and Imaging Technology (MPIT) and Photonics pathways]

New to Physics or consolidating basic concepts of Physics

- ≥ 4 credits in 91524 mechanics and/or 91523 waves
- ≥ 6 credits in 91578 differentiation and/or 91529 integration

Merit or excellence in 91524 Mechanics, 91526 Electricity, 91578 Differentiation, 91529 Integration

Majoring in Biomedical Science or other life science programmes

Recom. prep:
- PHYSICS 102 (S1)
- PHYSICS 120 (S1, S2)
- PHYSICS 121 (S1, S2)
- PHYSICS 160 (S2)
- PHYSICS 202 (S2)
- PHYSICS 203 (S2)
- PHYSICS 244 (S1)

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 120 and 130 OR MATHS 208 OR MATHS 250.

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*) 2020

Majoring in Geophysics or Physics [incl. Medical Physics and Imaging Technology (MPIT) and Photonics pathways]

New to Physics or consolidating basic concepts of Physics

PHYSICS 102 (S1)

Recom. prep: MATHS 102

PHYSICS 120 (S1, S2)

Recom. prep: MATHS 108, 120 OR 130‡

PHYSICS 121 (S1, S2)

Recom. prep: MATHS 108, 120 OR 130‡

PHYSICS 160 (S2)

PHYSICS 201 (S1)

PHYSICS 202 (S2)

PHYSICS 203 (S2)

PHYSICS 244 (S1)

PHYSICS 244 required for MPIT / photonics pathways

PHYSICS 201 required for Geophysics / Physics majors incl. MPIT / Photonics pathways

PHYSICS 202 and 203 required for Physics major incl. MPIT / Photonics pathways

C grade or higher in AS Levels: Physics and Mathematics

PHYSICS 120 (S1, S2)

RECOMMENDED PREP: MATHS 108, 120 OR 130‡

PHYSICS 121 (S1, S2)

A grade in A Levels: Physics and Mathematics

PHYSICS 120 (S1, S2)

PHYSICS 121 (S1, S2)

PHYSICS 160 (S2)

PHYSICS 244 (S1)

Majoring in Biomedical Science or other life science programmes

* 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 120 and 130 OR MATHS 208 OR MATHS 250.

‡ MATHS 130 provides the optimal background in calculus for PHYSICS 121 and can be taken with the course concurrently.