GRIFFITH UNIVERSITY

Griffith Phys

Build on your knowledge of senior physics and get a head start on university study.

Griffith Phys is a two-year part-time university course for Year 11 and 12 students, run through our GUESTS (Griffith University Early Start to Tertiary Studies) At-School program. It provides motivated senior high school students with the opportunity to experience study at Griffith through online learning.

MAKE IT MATTER

GRIFFITH UNIVERSITY

Benefits of completing Griffith Phys

University credit

Students who pass Griffith Phys will be eligible to receive 10 credit points for the equivalent course (subject) in a range of undergraduate degrees offered at Griffith University. This may reduce the overall cost of a Griffith undergraduate degree and allow a 75 per cent course load in the first trimester.

Support for senior physics

Griffith Phys provides a variety of additional resources (videos, readings and quizzes) to support both teaching and learning of senior physics. The course content is presented in modules that align with many topics in the senior physics syllabus, so students can build on their knowledge and gain a deeper understanding of core concepts in the field.

Adjusted selection rank

As part of the Year 12 Subject Adjustment Scheme, students who pass Griffith Phys will be eligible to receive two (2.00) adjustments towards their selection rank when applying for entry into an eligible Griffith undergraduate degree.
Visit **griffith.edu.au/year-12-subject-adjustment**

Queensland Certificate of Education

Queensland students who successfully complete Griffith Phys will have this course recorded on their Queensland Certificate of Education. This does not count towards ATAR calculation.

Attendance

Griffith Phys is an online course. In Year 11, students will study the content of the first half of Griffith Phys and be assessed with an online exam at the end of Term 4. In Year 12, students will complete the second half of Griffith Phys and be assessed with an online exam at the beginning of Term 4.

Students who pass the Year 11 exam (>50 per cent) will be invited to participate in the Year 12 part of the course. Students will then need >50 per cent in the Year 12 exam to pass the course.

Course content

Year 11 (Stage 1)

- Electrical circuits
- Acceleration
- Energy
- Interactions
- Work
- Motion in 1D
- Momentum
- Principle of relativity
- Force

Year 12 (Stage 2)

- Motion in a plane and circle
- Torque
- The electric field
- Gauss's law
- Work and energy in electrostatics
- Charge separation and storage
- Magnetic interactions
- Magnetic fields

Textbook

Mazur, E. (2015). *Principles and Practice of Physics* (Global Edition). Pearson Education Limited, Great Britain.

Available from **pearson.com.au/9781292078878** (hard copy) **pearson.com.au/9781292076492** (PDF)

Limited copies also available at the Griffith University Library.

Admission criteria and enrolment

For admission into Griffith Phys, Year 11 students must be:

- ATAR or Diploma of the International Baccalaureate (IB) eligible or meeting one of the non-ATAR or non-standard eligibility criteria as listed on the below website
- achieving a minimum C grade in QCAA General subjects, including General English and Physics (or equivalent).

Application into Griffith Phys is completed online at **griffith.edu.au/guests-at-school**, and Griffith University covers all costs of the course, except for the purchase of the textbook (optional).

Find out more

General enquiries

Dr Jason van de Merwe
Griffith Phys Coordinator

P (07) 5552 8949
E j.vandemerwe@griffith.edu.au

Apply online at griffith.edu.au/guests-at-school

CRICOS: 00233E | TEQSA: PRV12076