Gateway to Physics and Engineering

St Andrews and Heriot-Watt Universities

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What is the Gateway to Physics and Engineering?

- Pilot programme started in September 2010.
- Aim is to identify highly motivated students who through do not achieve our current entry requirements (AAAAA/AAA).
- Intake: 15 Students / year
- Highly supported 1st Year with 30 – 40 hrs contact time per week

Traditional Programme

AAAAA SH
AAA A-Level

Level One:
- Core Physics
- Core Maths
- 3rd Subject

Gateway Programme

Minimum BBBB
BBB - A Level

Level One:
- Core Physics
- Core Maths
- Physics Skills

depending on level one achievement

Level Two:
Physics, Astrophysics, Maths degrees

Level Two:
Physics or Engineering degrees at Herriot-Watt

University of St Andrews

What are the advantages of the Gateway?

- Gateway students attend core modules, small group tutorials and laboratory sessions.
- Gateway Skills Modules: addresses misconceptions and core science skills.
- Additional tutor support for core maths and physics modules.
- Dedicated workroom for Gateway Students.
- Scholarships/Bursaries of up to £4,000.

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2010 Cohort	2011 Cohort
• 13 students enrolled. • 3 graduated early from the programme and transferred to traditional physics programme • Final 9 : 7 passed all first year modules, 2 are required to resist one core maths module. • All wish to pursue Physics at St Andrews.	• 30 applicants identified and interviewed. • 17 unconditional & 3 conditional offers made. • Applicants have a diverse academic and social background. • On target for 15 students.

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