

Students interested in studying Further Mathematics should contact subject staff or the Learning Manager responsible for the subject.



**Subject Staff
Staff y Pwnc**

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AS / A2 Level
Lefel AS / A2

**FURTHER MATHS
MATHEMATEG
ESTYNEDIG**
Mathematics Learning Area

WJEC
Course Director: Mr E Evans

- Further Mathematics broadens the student's experience. This is especially helpful for those going on to degree courses in Mathematics, Physics, Engineering and Computer Science.

- **INTRODUCTION / CYFLWYNIAD**

Mathematics and mathematical skill underpin many of the functions of academic and professional life. The application of mathematics in science and engineering is obvious.

- **COURSE DETAILS
MANYLION Y CWRS**

A level Further Mathematics

The course has a unitised structure with six components.

The units are:

- Unit 1 Further Pure Mathematics
- Unit 2 Further Pure Statistics
- Unit 3 Further Pure Mechanics
- Unit 4 Further Pure Mathematics
- Unit 5 Further Pure Statistics
- Unit 6 Further Pure Mechanics

AS level comprises Unit 1, Unit 2 and Unit 3

A2 level comprises in addition Unit 4, Unit 5 or Unit 6.

The details of Unit 5 or Unit 6 will be decided later.

- **AS ASSESSMENT
ASESIAD LEFEL AS**

Unit 1, Unit 2 and Unit 3 are all 1 ½ hours.

AS counts as 40% towards the full A-level.

- **A LEVEL ASSESSMENT
ASESIAD LEFEL A**

A further 2 ½ hour paper in Pure Mathematics.

A 1 ¾ hour paper in Applied Mathematics.

Further Mathematics is a very demanding course and those embarking on it should be prepared to invest a substantial amount of time and effort outside of lessons.

- **ENTRY REQUIREMENTS
GOFYNION MYNEDIAD**

Students taking Further Mathematics must also take Mathematics

Most candidates will have achieved a GCSE at grade A*.

It is expected that candidates will thoroughly enjoy doing mathematics and are not afraid of hard work.

- **COMPLEMENTARY AREAS OF STUDY
ADRANNAU ASTUDIO CYFOES**

The natural sciences and social sciences are the conventional companions to mathematics. However, it can be combined with other subjects.

FUTURE PROSPECTS GOBEITHION Y DYFODOL

Further Mathematics is a strong recommendation for many degree courses and is essential for some Mathematics and Engineering courses.