Foundation Certificate Mathematics, Economics and Actuarial Science at the University of York International Pathway College: module details
For degree entry from September 2020

ALL STUDENTS WILL STUDY THE FOLLOWING MODULES TO GAIN A SOLID BASE OF SKILLS:

- Advanced Mathematics
- Introduction to Economics
- Language and Study Skills 2
- Statistics

EXTRA MODULES TO HELP YOU REACH UNIVERSITY: 3-TERM COURSE

IF YOU'RE TAKING A 3-TERM COURSE, YOU'LL STUDY THE FOLLOWING EXTRA MODULES TO BE BETTER PREPARED FOR UNIVERSITY. THESE MODULES ARE DESIGNED TO FIT YOUR ENGLISH LANGUAGE LEVEL.

- Contemporary Global Issues
- Foundation Mathematics
- Language and Study Skills 1

MODULE SUMMARIES – DETAILS OF WHAT YOU'LL STUDY

**Advanced Mathematics**
Learn the mathematical skills needed for economics and actuarial science, and explore calculus, matrices, vectors, algebra and trigonometry.

**Introduction to Economics**
Learn about micro and macro economics, and study aggregate economic behaviour and how an open economy works.

**Language and Study Skills 2**
Develop academic English knowledge, and apply academic style to written and spoken work.

**Statistics**
Learn basic algebra, as well as the skills needed to analyse and apply statistics in a range of ways.

EXTRA MODULES FOR 3-TERM COURSE

**Contemporary Global Issues**
Explore topical issues and their historical origins, and study the short and long-term implications of a variety of current affairs.

**Foundation Mathematics**
Understand core concepts of mathematics, and learn algebra, calculus and trigonometry.

**Language and Study Skills 1**
Learn how to speak, read, write and listen in an academic context, and improve your vocabulary, grammar and pronunciation.

Note: this information refers to courses that will run in the 2019-20 academic year, and is correct at the time of publication. Published October 2018.