Pre-Master's for Science ad Engineering at Glasgow International College: module information
For degree entry from September 2020

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

- **English for Academic Purposes**
- **Research Project (customised to your university degree and career aspirations)**

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YOU WILL ALSO STUDY 2 OF THESE MODULES THAT BEST FIT YOUR DEGREE AND CAREER GOALS.
IN MANY CASES, YOU MAY CHOOSE SOME OR ALL OF THESE FROM A SELECTION, AND / OR CUSTOMISE
AT LEAST 1 PIECE OF WORK ACROSS THESE MODULES.

- **Advanced Statistics**
- **Engineering, Science and Society**
- **Practical Training for Science and Engineering Research**
- **Project Management**

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YOU'LL TAKE PART IN PERSONAL DEVELOPMENT ACTIVITIES DURING YOUR COURSE, DESIGNED TO
BOOST YOUR EMPLOYABILITY, CONFIDENCE AND INDEPENDENCE, AND HELP YOU MAKE NEW FRIENDS.

EXTRA MODULES TO HELP YOU REACH UNIVERSITY: 2.5 AND 3-TERM COURSES

IF YOU'RE TAKING A 2.5 OR 3-TERM COURSE, YOU'LL STUDY THE RELEVANT MODULES ABOVE, PLUS:

- **English for Academic Study 3**
- **Independent and Collaborative Study**
- **Reading and Writing 3**
- **Speaking and Listening 3**

YOU'LL ALSO HAVE ADDITIONAL PERSONAL DEVELOPMENT ACTIVITIES.

EXTRA MODULES TO HELP YOU REACH UNIVERSITY: 3.5 AND 4-TERM COURSES

IF YOU'RE TAKING A 3.5 OR 4-TERM COURSE, YOU'LL STUDY ALL THE RELEVANT MODULES ABOVE, PLUS:

- **English for Academic Study 2**
- **Reading and Writing 2**
- **Speaking and Listening 2**
- **Study Skills Preparation**

YOU'LL ALSO HAVE ADDITIONAL PERSONAL DEVELOPMENT ACTIVITIES.

MODULE SUMMARIES – DETAILS OF WHAT YOU'LL STUDY

Advanced Statistics
Critique research data and apply standard statistical tools for the analysis of research quality.

English for Academic Purposes
Develop your English to the level you need for university study, and to really get involved in academic discussions.

Engineering, Science and Society
Gain an awareness of ethical issues and debates surrounding research and innovation in the sciences.

Practical Training for Science and Engineering Research
Research required skills, complete a skills audit, and critically reflect on your participation in relevant training activities for progression in your area of study.

Project Management
Gain key skills in project management, and apply your knowledge to a project based on emerging technologies.

Research Project
Plan, execute and report a comprehensive research project; you'll choose a research topic based on your degree and career goals, and personal interests.

EXTRA MODULES FOR 2.5 AND 3-TERM COURSES

English for Academic Study 3
Expand your knowledge of English grammar and vocabulary to the level required for degree study.

Independent and Collaborative Study
Work independently and in teams on an academic task, and practise applying your subject knowledge and study skills.

Reading and Writing 3
Develop your English reading and writing skills to a sufficient level to communicate complex ideas.

Speaking and Listening 3
Improve your ability to listen and speak in English, allowing you to fully engage with academic topics.

EXTRA MODULES FOR 3.5 AND 4-TERM COURSES

English for Academic Study 2
Improve your English grammar and vocabulary in order to communicate in an academic environment.

Reading and Writing 2
Develop your English reading and writing so that you can understand and articulate ideas and reasoning.

Speaking and Listening 2
Practise listening and speaking so that you are better prepared for academic debate and discussion.

Study Skills Preparation
Gain an introduction to the wide range of skills and strategies you'll need to succeed at university, such as research methods and using and citing sources.

PERSONAL DEVELOPMENT ACTIVITIES (ALL COURSE LENGTHS)

Digital and employability skills
Outside of your academic learning, you'll also be taught skills that will be useful at university and later in life. You will receive help in making the most of your creativity, improving your communication and developing your digital skills. We will also help you build a CV, portfolio and online profile to empower you after you graduate.

Social network
Forming a strong social network can be hugely beneficial, even if it's just to discuss and debate ideas. Not only will you get to know your classmates, you'll also have opportunities to join professional organisations, and network with students and industry professionals: something that can be really beneficial when you go on to start your career.

Culture and activities
We'll help you have a hugely beneficial cultural and social experience, and encourage you to explore different activities, sports, crafts and more. You might learn about local history and culture, or develop your wider subject knowledge and understanding of related industries.

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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.