

September 2018

### **A Warm Welcome to the Warwick Mathematics Department!**

Congratulations on obtaining a place at Warwick. We set a very high offer and you have risen to the occasion. We are determined to help you fulfill the outstanding mathematical potential you have shown by offering you a rich, varied, and challenging Undergraduate Course. Becoming a Warwick mathematician will be a life-changing experience.

**Before you arrive** it is important for you to practice your basic skills in 3 areas: Differentiation, Integration and Trigonometry. Being fast and accurate at these skills (without electronic help) is *extremely important* in university mathematics. We expect you to be up to speed by the time you arrive so you should start work now! In particular integration and differentiation will be used extensively in some of your first term modules.

Note that we expect you to be familiar with "integration by parts" which you may not have seen before.

**THERE ARE ONLINE TESTS TO HELP YOU CHECK HOW PREPARED YOU ARE.  
FOLLOW THE LINK FROM THE WEB ADDRESS BELOW.**

**We expect you to have attempted all three tests online and worked on those topics  
that you did not do so well in.**

**When you arrive** you will have induction sessions outlining the most important things you need to know during Welcome Week, (followed by a further session later in the first week of term to cover other things you will need to know, or will find useful). You will meet your Personal Tutor on the first day of Week 1 after a lecture in the morning, and lectures proper will start on the following day (Tuesday of Week 1). Please note, you do not need to register for any modules before you arrive: do familiarize yourself with the online Course Handbook, but advice on module choices will be given as part of your induction. You may also receive emails from the University asking you to register for modules on "eMR"; you will still have three weeks after term has started to complete this process.

Please check out our dedicated Induction pages at

**<http://warwick.ac.uk/newmaths>**

or follow the link from the main website of the Mathematics Department. Included in these pages is a "Welcome" forum; feel free to post any burning questions you have about coming to the department, and someone will do their best to answer them. But please check first to make sure that your question has not already been answered.

You may also like to look at some of the books recommended for the mathematics modules before you arrive. If they are not available in your local library, bookshop or Amazon, you can order them through the University of Warwick Bookshop (tel: 024 7652 3388 or e-mail: bookshop@warwick.ac.uk). Particular modules to consider are two of the first term core modules MA131 Analysis and MA132 Foundations; we will however not assume that anyone has done any background reading. "*The Foundations of Mathematics*" by Ian Stewart and David Tall (Oxford University Press) is a particularly relevant and readable introduction to University level mathematics.

It is not essential to bring a computer to Warwick for your mathematics studies, although, of course you can bring one if you want and it may be useful for options you take from outside the department. Do bring a calculator, but note that calculators are not permitted in mathematics tests and exams.

The initial Mathematics Department Welcome lecture will be held at

**10.00am on Wednesday 26th September in  
MS02  
(ZEEMAN BUILDING)**

The main induction sessions will then be held the following day, Thursday 27<sup>th</sup> September from 10am onwards. Please be assured that during these sessions it will be explained how to choose modules, when and how to meet your Personal Tutors and everything else you need to know to get going, but please do navigate around the Induction Pages at the link above before arriving.

We wish you every success in your degree course and look forward to welcoming you to the department later this month.

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Head of Department

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Director of Undergraduate Studies

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