

Additional Reading for MSc students
(even if none MSc student is in the module this year!):

V. V. Prasolov, V. M. Tikhomirov. *Geometry*, (2001). Chapter 4. Conics and Quadrics.
Section 4.1. Plane curves of second order. pp.61-69.

Remarks:

1. The book is available on Ultra:
 - see "Reading List";
 - there you will find a number of references (in some random non-alphabetic order which I am unable to change);
 - among them you will find the required the book - third from bottom (press "VIEW ONLINE" button, then you will be asked for your Durham login and password to be allowed to see the book).
2. Sections 4.2. (Additional remarks) and 4.3. (Some properties of quadrics) are **NOT examinable**.
3. Some questions in the Problems section may be difficult.
You DON'T need to be able to solve all of them! (But it may make sense to try and solve at least some). For the start, you can try some of the following ones: 4.6, 4.18, 4.19a, 4.22, 4.36, 4.41, 4.42.