

## SCANNING ELECTRON MICROSCOPE SERVICES

The Schools of PAM (Physics, Astronomy & Mathematics) and Engineering & Technology jointly operate an SEM which (when not engaged in work for these Schools) is available for consultancy work for other University of Hertfordshire Schools or SBUs. No central funding is available for running the SEM so it is necessary to cover expenses by charging for these services. The rates are as follows:

£50 per hour + VAT

The minimum charging period is 1 hour and work beyond the first hour is chargeable in half-hourly increments.

As a guide, a typical investigation of a single specimen would take between 1 and 2 hours. This would include the following:

Specimen preparation.

Possible light microscopy to identify features for SEM examination.

SEM examination.

Selection and photography of relevant features.

Possible EDAX X-ray microanalysis to identify elements present.

A short written report including photographs and EDAX output.

No work exceeding two hours will be undertaken without reconfirmation from the originator.

The availability of the SEM, and of staff to run it, is strictly limited and no guarantee can be given as to how long a job will take. However, if a job is particularly urgent it might be possible to prioritise it if staff are available.

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