



University of Surrey
Guildford

Introduction to Satellite Imaging of the Earth

MAYMASTER IN UNITED KINGDOM

Open to ALL students of ALL MAJORS

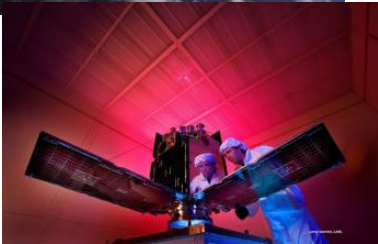
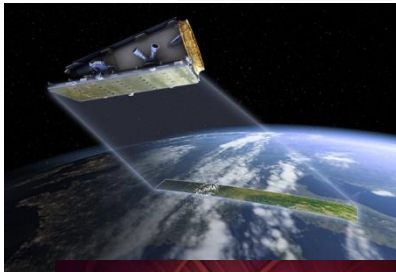
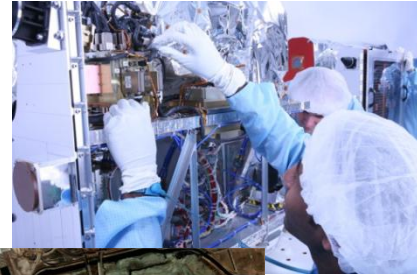
ECE 4990-/6990**

May 12 – June 2, 2012

\$2,650*

Application Deadline February 14, 2012

- ✓ Study how satellites view and measure properties on Earth using visible light, infrared and thermal energy, imaging radar, and lasers.
- ✓ Learn how these images are used in different applications including: disaster response, precision agriculture, geology, forestry.
- ✓ The fundamentals of electromagnetic radiation are presented without extensive mathematics (**no calculus required**).
- ✓ Students will tour the Surrey Space Center and the Surrey Satellite Technology Ltd. (SSTL) company where satellites are manufactured and controlled in orbit.



- Campus is a 10-15 minute walk from the city Centre and train station.
- Guildford is 30 miles south-west of **London**
- Very easy to take a quick trip over to Europe during the vacations.
- England's beautiful south coast is also within easy reach; the seaside city of Brighton is ever-popular with international visitors and UK nationals alike (90 minutes including the change at Gatwick Airport).
- Surrey Hills area of outstanding natural beauty
- Historic places – Hampton Court, Windsor Castle
- Theme parks – Thorpe Park, Chessington World of Adventures
- The best shopping in the South East



For more information :

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- **Equivalent to
- ECE 4423/6423
- PSS 4483/6483
- ABE 4483/6483