

## Geoinformatics

Home Department: Geography and Information Science  
Faculty of Arts and Social Sciences

### Description of focal area

Geoinformatics is the science and technology dealing with the structure and character of spatial information, its capture, its classification and qualification, its storage, processing, portrayal and dissemination.

<b>BDatSci</b>			
<b>Focal area: Geoinformatics</b>			
<b>First year (120/128 credits)</b>	<b>Second year (128 credits)</b>	<b>Third year (128 credits)</b>	<b>Fourth year (142 credits)</b>
<p><b>Compulsory modules</b> Computer Science 113/114(16), 144(16) Data Science 141(16) Mathematics 114(16), 144(16) Probability Theory and Statistics 114(16) Applied Mathematics 144(16)</p> <p><b>Plus one of</b> Actuarial Science 112(8) or Physics 114(16)</p>	<p><b>Compulsory modules</b> Data Science 241(16) Computer Science 214(16), 244(16) Mathematics 214(16) Mathematical Statistics 214(16), 245(8), 246(8) Geographical Information Technology 211(16), 241(16)</p>	<p><b>Compulsory modules</b> Mathematical Statistics 312(16) Computer Science 315(16), 343(16) Data Science 316(16), 346(16) Geographical Information Technology 312(16), 342(16), 341(16)</p>	<p><b>Compulsory modules</b> Data Science Research Assignment 441(40) Introduction to Statistical Learning 441(12) Geographical information science research application 441(30)</p> <p><b>plus two of:</b> Geographical information Science 441(30) Spatial modelling and geographical communication 441(30) Advanced remote sensing 441(30)</p>