1.5 Programme Structure

Compulsory (Four course units)	
Semester 1 GEOG 60941 Environmental Remote Sensing GEOG 60951 GIS and Environmental Applications	2 x 15 credits = 30 credits
Semester 2 GEOG 70602 Digital Image Processing GEOG 60662 Dissertation Support	2 x 15 credits = 30 credits
Optional Units	
Semester 1 - *Need a total of **two** options:* PGT level – may choose up to **two** GEOG 70560 Applied Study Unit GEOG 70581 Environmental Monitoring and Modelling Concepts IDPM 60481 Fundamentals of Information and Information Systems PLAN 60411 Environmental Impact Assessment PLAN 60761 Analysis and Monitoring of Spatial Policies COMP 70110 Introduction to Software Development in Java *(100% online distance learning unit)*** Level 4 – may choose **one** from the list below GEOG 63011 Hydrochemical Modelling	2 x 15 credits = 30 Credits
Semester 2 - *Need a total of **two** options:* PGT level – may choose up to **two** GEOG 70560 Applied Study Unit GEOG 70552 Environmental Monitoring and Modelling in Practice PLAN 60812 Neighbourhood Planning IDPM 71932 Information Communications Technologies (ICTs) in Practice Level 4 - may choose from the list below GEOG 61262The Frozen Planet: Satellites and Climate Change	2 x 15 credits = 15 Credits
Dissertation	= 60 credits
Total	**180 credits**

**Please note that COMP70110 is available for study by MSc GIS students in semester one only.

Part-time students should to take the following course units in their first year:

Sem. One: GEOG 60951 GIS & Environmental Applications
GEOG 60941 Environmental Remote Sensing

Sem. Two: GEOG70602 Digital Image Processing and Analysis
GEOG70462 Environmental Research Design & Application

For further information on course outlines of optional units, please visit:
http://courses.humanities.manchester.ac.uk/pg/

Please note that you need to scroll down the 'Subject' menu and click on the relevant discipline areas for example:

SED – Geography [GEOG]
SED – Institute Development Policy Management [IDPM]
SED – Planning and Landscape [PLAN]

and for
CS - School of Computer Science [COMP]
http://www.cs.manchester.ac.uk/ape/studyoptions/dl/modules/intjava/

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The University of Manchester

MSc GIS Full-time Semester 2
(subject to change)