

Level 1 Courses

	Name of Module	Module Code	Method of Presentation	NQF Level	Credits	Total Credits	Starting Date	Contact Sessions	Examination	End of module	Midrand	Durban
4	Map Use and Evaluation	MUE5T	Online	5	5	10	16-Mar		19-Jun	19-Jun	DIP20 - 02T	
5	Practical Map Work	MUE5P	Practical Session	5	5		17-Jun	17-19 Jun	19-Jun	19-Jun	DIP20 - 02M	DIP20 - 02D
7	Basic Statistics for GISc	STA5	Mixed	5	12	12	28-Apr	27 -29 May & 2-3 July	03-Jul	03-Jul	DIP20 - 03D	
8	Applied Mathematics for GISc	MAT5	Mixed	5	12	12	29-Jun	6-8 Jul & 17-18 Aug	18-Aug	04-Sep	DIP20 - 04M	
9	Applied Mathematics for GISc	MAT5	Mixed	5	12	12	29-Jun	13-15 Jul & 24-25 Aug	25-Aug	04-Sep	DIP20 - 04D	
10	Physical Science for GISc	PHY5	Mixed	5	12	12	24-Aug	2-4 Sept & 12-13 Oct	13-Oct	30-Oct	DIP20 - 05M	
11	Physical Science for GISc	PHY5	Mixed	5	12	12	24-Aug	09-11 Sep & 15 - 16 Oct	16-Oct	30-Oct	DIP20 - 05D	
12	Introduction to Geo-information Science	GIS5	Online	5	8	12	26-Oct		27-Nov	11-Dec	DIP20 - 06T	
13	GIS Basics	GIS5P	Practical Session	5	4		23-Nov	23-27 Nov	27-Nov	27-Nov	DIP20 - 06M	DIP20 - 06D

Level 2 Courses

	Name of Module	Module Code	Method of Presentation	NQF Level	Credits	Total Credits	Starting Date	Contact Sessions	Examination	End of module	Midrand	Durban
5	OR Advanced Analysis and Map Design	AMD6P	Practical Session	6	4	14	06-Jul	6-10 Juy	10-Jul	10-Jul	DIP20 - 09M	DIP20 - 09D
6	Projections and Coordinate Systems	PCS6	Online	6	9	10	20-Apr		15-May	22-May	DIP20 - 10T	
7	Map Projections	PCS6P	Practical Session	6	1		14-May	14-15 May	15-May	15-May	DIP20 - 10M	DIP20 - 10D
8	GPS and Land Surveying	GPS6	Online	6	11	14	01-Jun		03-Jul	17-Jul	DIP20 - 11T	
9	Basic GPS Knowledge	GPS6P	Practical Session	6	3		01-Jul	01-03 July	03-Jul	03-Jul	DIP20 - 11M	
10	Data Quality and Standards	DQS6	Online	6	8	12	13-Jul		07-Aug	21-Aug	DIP20 - 12T	
11	Data Editing and Standards	DQS6P	Practical Session	6	4		03-Aug	03-07 Aug	07-Aug	07-Aug	DIP20 - 12M	DIP20 - 12D
12	Data Manipulation	DTM6	Online	6	8	10	24-Aug		16-Sep	02-Oct	DIP20 - 13T	
13	Spatial and Attribute Data Transfer Methods.	DTM6P	Practical Session	6	2		14-Sep	14-16 Sept	16-Sep	16-Sep	DIP20 - 13M	DIP20 - 13D
14	Introduction to Database Management Systems	DBM6	Online	6	12	14	19-Oct		19-Nov	04-Dec	DIP20 - 14T	
15	Building a Spatial Database	DBM6P	Practical Session	6	2		16-Nov	16-19 Nov	19-Nov	19-Nov	DIP20 - 14M	DIP20 - 14D

Level 3 Courses

	Name of Module	Module Code	Method of Presentation	NQF Level	Credits	Total Credits	Starting Date	Contact Sessions	Examination	End of module	Midrand	Durban
3	OR Advanced Analysis and Map Design	AMD6P	Practical Session	6	4	14	06-Jul	6-10 Juy	10-Jul	10-Jul	DIP20 - 09M	DIP20 - 09D
4	Terrain Analysis	TRA6	Online	6	10	12	18-Mar		27-May	27-May	DIP20 - 16T	
5	Terrain Analysis Practical	TRA6P	Practical Session	6	2		25-May	25-27 May	27-May	27-May	DIP20 - 16M	DIP20 - 16D
6	Remote Sensing	RES6	Online	6	10	12	04-May		19-Jun	19-Jun	DIP20 - 17T	
7	Practical Applications of Remote Sensing	RES6P	Practical Session	6	2		17-Jun	17-19 Jun	19-Jun	19-Jun	DIP20 - 17M	
8	Introduction to Programming	IPR6	Online	6	11	14	17-Jun		23-Jul	07-Aug	DIP20 - 18T	
9	Introduction to Geo-processing Scripts using Python	IPR6P	Practical Session	6	3		20-Jul	20-23 July	23-Jul	23-Jul	DIP20 - 18M	
10	GIS&T Ethics and Law	LAW6	Online	6	16	18	17-Aug		08-Oct	09-Oct	DIP20 - 19T	
11	Sharing GIS content on the Web	LAW6P	Practical Session	6	2		05-Oct	05-08 Oct	08-Oct	09-Oct	DIP20 - 19M	
12	Data Considerations for Map Design	DCM6	Mixed	6	16	16	07-Sep	30-Nov	30-Nov	30-Nov	DIP20 - 20M	

*Dates are subject to Change

Second Stream

Level 1 Courses												
	Name of Module	Module Code	Method of Presentation	NQF Level	Credits	Total Credits	Starting Date	Contact Sessions	Examination	End of module	Midrand	Durban
2	Physical Science for GISc	PHYS	Mixed	5	12	12	02-Mar	11-13 Mar & 5-6 May	06-May	06-May	DIP20 - 22M	
3	Introduction to Geo-information Science	GIS5	Online	5	8	12	11-May		12-Jun	26-Jun	DIP20 - 23T	
4	GIS Basics	GIS5P	Practical Session	5	4		08-Jun	08-12 June	12-Jun	12-Jun	DIP20 - 23M	DIP20 - 23D
6	Introduction to Human, Physical and Environmental Geography	GEO5T	Online	5	7	12	29-Jun		31-Jul	07-Aug	DIP20-25T	
7	Practical Geography	GEO5P	Practical Session	5	5		29-Jul	29-31 July	31-Jul	31-Jul	DIP20-25M	DIP19-25D
8	Map Use and Evaluation	MUE5T	Online	5	5	10	11-Aug		28-Aug	11-Sep	DIP20 - 26T	
9	Practical Map Work	MUE5P	Practical Session	5	5		26-Aug	26-28 Aug	28-Aug	28-Aug	DIP20 - 26M	DIP20-26D
10	Basic Statistics for GISc	STA5	Mixed	5	12	12	14-Sep	21-23 Sep & 05-06 Nov	06-Nov	20-Nov	DIP20 - 27T	
Level 2 Courses												
	Name of Module	Module Code	Method of Presentation	NQF Level	Credits	Total Credits	Starting Date	Contact Sessions	Examination	End of module	Midrand	Durban
5	Introduction to Database Management Systems	DBM6	Online	6	12	14	20-Apr		25-Jun	25-Jun	DIP20-30T	
6	Building a Spatial Database	DBM6P	Practical Session	6	2		22-Jun	22-25 June	25-Jun	25-Jun	DIP20-30M	DIP20-30D
7	Spatial Data Models	SDM6	Online	6	10	12	24-Jun		28-Jul	07-Aug	DIP20-31T	
8	GIS Data Structures for Data Acquisition	SDM6P	Practical Session	6	2		27-Jul	27-28 July	28-Jul	28-Jul	DIP20-31M	DIP20-31D
9	Principles of Map Design	PMD6	Online	6	12	14	20-Jul		21-Aug	04-Sep	DIP20 - 32T	
10	Designing Maps	PMD6P	Practical Session	6	2		19-Aug	19-21 Aug	21-Aug	21-Aug	DIP20-32M	DIP20-32D
11	OR Advanced Analysis and Map Design	AMD6P	Practical Session	6	4		30-Nov	30 Nov - 04 Dec	04-Dec	04-Dec	DIP20-33M	DIP20-33D
12	Projections and Coordinate Systems	PCS6	Online	6	9	10	14-Sep		09-Oct	16-Oct	DIP20-34T	
13	Map Projections	PCS6P	Practical Session	6	1		08-Oct	08-09 Oct	09-Oct	09-Oct	DIP20-34M	DIP20-34D
14	GPS and Land Surveying	GPS6	Online	6	11	14	19-Oct		20-Nov	04-Dec	DIP20-35T	
15	Basic GPS Knowledge	GPS6P	Practical Session	6	3		18-Nov	18-20 Nov	20-Nov	20-Nov	DIP20-35M	
Level 3 Courses												
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3	GIS&T Ethics and Law	LAW6	Online	6	16	18	09-Mar		21-May	21-May	DIP20-37T	
4	Sharing GIS Content on the Web	LAW6P	Practical Session	6	2		18-May	18-21 May	21-May	21-May	DIP20-37M	
6	Analytical Methods	ANM6	Online	6	12		06-Jul		14-Aug	28-Aug	DIP20-39T	
7	Topics in Advanced Spatial Analysis	ANM6P	Practical Session	6	2	14	12-Aug	12-14 Aug	14-Aug	14-Aug	DIP20-39M	DIP20-39D
8	OR Advanced Analysis and Map Design	AMD6P	Practical Session	6	4		30-Nov	30 Nov - 04 Dec	04-Dec	04-Dec	DIP20-33M	DIP20-33D
9	Terrain Analysis	TRA6	Online	6	10	12	02-Sep		02-Oct	16-Oct	DIP20-40T	
10	Terrain Analysis Practical	TRA6P	Practical Session	6	2		30-Sep	30 Sept - 02 Oct	02-Oct	02-Oct	DIP20-40M	DIP20-40D
11	Remote Sensing	RES6	Online	6	10		12-Oct		11-Nov	27-Nov	DIP20-41T	
12	Practical Applications of Remote Sensing	RES6P	Practical Session	6	2		09-Nov	09-11 Nov	11-Nov	11-Nov	DIP20-41M	

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