

First 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
1	Introduction to Information Technology	IIT5	Online	5	10	10	25-Jan		26-Feb	05-Mar	DIP21-00T	
2	Introduction to Human, Physical and Environmental Geography	GEO5T	Online	5	7	12	08-Feb		12-Mar	19-Mar	DIP21 - 01T	
3	Practical Geography	GEO5P	Practical Session	5	5		10-Mar	10-12 Mar	12-Mar	12-Mar	DIP21 - 01M	DIP21 - 01D
4	Map Use and Evaluation	MUE5T	Online	5	5		15-Mar		09-Apr	16-Apr	DIP21 - 02T	
5	Practical Map Work	MUE5P	Practical Session	5	5	10	07-Apr	7-9 Apr	09-Apr	08-Apr	DIP21 - 02M	DIP21 - 02D
6	Basic Statistics for GISc	STA5	Mixed	5	12		28-Apr	12-14 May & 21-22 Jun	22-Jun	02-Jul	DIP21 - 03M	
7	Basic Statistics for GISc	STA5	Mixed	5	12	12	28-Apr	19-21 May & 24-25 Jun	25-Jun	02-Jul	DIP21 - 03D	
8	Applied Mathematics for GISc	MAT5	Mixed	5	12	12	28-Jun	7-9 Jul & 23-24 Aug	24-Aug	03-Sep	DIP21 - 04M	
9	Applied Mathematics for GISc	MAT5	Mixed	5	12	12	28-Jun	14-16 Jul & 26-27 Aug	27-Aug	03-Sep	DIP21 - 04D	
10	Physical Science for GISc	PHY5	Mixed	5	12	12	23-Aug	1-3 Sep & 18-19 Oct	19-Oct	29-Oct	DIP21 - 05M	
11	Physical Science for GISc	PHY5	Mixed	5	12	12	23-Aug	08-10 Sep & 21-22 Oct	22-Oct	29-Oct	DIP21 - 05D	
12	Introduction to Geo-information Science	GI5S	Online	5	8	12	25-Oct		03-Dec	10-Dec	DIP21 - 06T	
13	GIS Basics	GI5SP	Practical Session	5	4		29-Nov	29 Nov-03 Dec	03-Dec	03-Dec	DIP21 - 06M	DIP21 - 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
1	Spatial Data Models	SDM6	Online	6	10	12	25-Jan		26-Feb	05-Mar	DIP21 - 07T	
2	GIS Data Structures for Data Acquisition	SDM6P	Practical Session	6	2		25-Feb	25-26 Feb	26-Feb	26-Feb	DIP21 - 07M	DIP21 - 07D
3	Principles of Map Design	PMD6	Online	6	12	14	15-Feb		31-Mar	09-Apr	DIP21 - 08T	
4	Designing Maps	PMD6P	Practical Session	6	2		29-Mar	29-31 Mar	31-Mar	31-Mar	DIP21 - 08M	DIP21 - 08D
5	OR Advanced Analysis and Map Design	AMD6P	Practical Session	6	4		31-May	31 May-04 Jun	04-Jun	04-Jun	DIP21 - 09M	DIP21 - 09D
6	Projections and Coordinate Systems	PCS6	Online	6	9	10	19-Apr		14-May	21-May	DIP21 - 10T	
7	Map Projections	PCS6P	Practical Session	6	1		13-May	13-14 May	14-May	14-May	DIP21 - 10M	DIP21 - 10D
8	GPS and Land Surveying	GPS6	Online	6	11	14	31-May		09-Jul	16-Jul	DIP21 - 11T	
9	Basic GPS Knowledge	GPS6P	Practical Session	6	3		07-Jul	07-09 Jul	09-Jul	09-Jul	DIP21 - 11M	
9	Basic GPS Knowledge	GPS6P	Practical Session	6	3		30-Jun	30 Jun -02 Jul	02-Jul	02-Jul	DIP21 - 11D	
10	Data Quality and Standards	DQS6	Online	6	8	12	19-Jul		20-Aug	27-Aug	DIP21 - 12T	
11	Data Editing and Standards	DQS6P	Practical Session	6	4		16-Aug	16-20 Aug	20-Aug	20-Aug	DIP21 - 12M	DIP21 - 12D
12	Data Manipulation	DTM6	Online	6	8	10	23-Aug		22-Sep	01-Oct	DIP21 - 13T	
13	Spatial and Attribute Data Transfer Methods.	DTM6P	Practical Session	6	2		20-Sep	20-22 Sep	22-Sep	22-Sep	DIP21 - 13M	DIP21 - 13D
14	Introduction to Database Management Systems	DBM6	Online	6	12	14	18-Oct		26-Nov	03-Dec	DIP21 - 14T	
15	Building a Spatial Database	DBM6P	Practical Session	6	2		23-Nov	23-26 Nov	26-Nov	26-Nov	DIP21 - 14M	DIP21 - 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
1	Analytical Methods	ANM6	Online	6	12	14	01-Feb		19-Mar	26-Mar	DIP21 - 15T	
2	Topics in Advanced Spatial Analysis	ANM6P	Practical Session	6	2		17-Mar	17-19 Mar	19-Mar	19-Mar	DIP21 - 15M	DIP21 - 15D
3	OR Advanced Analysis and Map Design	AMD6P	Practical Session	6	4		31-May	31 May-04 Jun	04-Jun	04-Jun	DIP21 - 09M	DIP21 - 09D
4	Terrain Analysis	TRA6	Online	6	10	12	15-Mar		16-Apr	30-Apr	DIP21-16T	
5	Terrain Analysis Practical	TRA6P	Practical Session	6	2		14-Apr	14-16 Apr	16-Apr	16-Apr	DIP21-16M	DIP21 -16D
6	Data Considerations for Map Design	DCM6	Mixed	6	16	16	23-Mar	11-Jun		18-Jun	DIP21 -38T	
7	Remote Sensing	RES6	Online	6	10	12	03-May		10-Jun	18-Jun	DIP21 -17T	
8	Practical Applications of Remote Sensing	RES6P	Practical Session	6	2		08-Jun	08-10 Jun	10-Jun	10-Jun	DIP21 -17M	
9	Introduction to Programming	IPR6	Online	6	11	14	14-Jun		30-Jul	06-Aug	DIP21 - 18T	
10	Introduction to Geo-processing Scripts using Python	IPR6P	Practical Session	6	3		27-Jul	27-30 Jul	30-Jul	30-Jul	DIP21 - 18M	
11	GIS&T Ethics and Law	LAW6	Online	6	16	18	16-Aug		01-Oct	08-Oct	DIP21 - 19T	
12	Sharing GIS content on the Web	LAW6P	Practical Session	6	2		28-Sep	28 Sep-01 Oct	01-Oct	01-Oct	DIP21 - 19M	

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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
1 Applied Mathematics for GISc	MAT5	Mixed	5	12	12	01-Mar	03-05 Mar & 22-23 Apr	23-Apr	07-May	DIP21 - 21M	
2 Physical Science for GISc	PHY5	Mixed	5	12	12	08-Mar	17-19 Mar & 6-7 May	07-May	14-May	DIP21 - 22M	
3 Introduction to Geo-information Science	GIS5	Online	5	8	12	10-May		11-Jun	25-Jun	DIP21 - 23T	
4 GIS Basics	GIS5P	Practical Session	5	4		07-Jun	07-11 Jun	11-Jun	11-Jun	DIP21 - 23M	DIP21 - 23D
5 Introduction to Information Technology	IIT5	Online	5	10	10	17-May		18-Jun	25-Jun	DIP21 - 24T	
6 Introduction to Human, Physical and Environmental Geography	GEO5T	Online	5	7	12	28-Jun		30-Jul	06-Aug	DIP21-25T	
7 Practical Geography	GEO5P	Practical Session	5	5		28-Jul	28-30 Jul	30-Jul	31-Jul	DIP21-25M	DIP19-25D
8 Map Use and Evaluation	MUE5T	Online	5	5	10	11-Aug		03-Sep	10-Sep	DIP21-26T	
9 Practical Map Work	MUE5P	Practical Session	5	5		01-Sep	01-03 Sep	03-Sep	03-Sep	DIP21 - 26M	DIP21-26D
10 Basic Statistics for GISc	STA5	Mixed	5	12	12	13-Sep	20-22 Sep & 11-12 Nov	12-Nov	19-Nov	DIP21 - 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
1 Data Quality and Standards	DQS6	Online	6	8	12	25-Jan		26-Feb	05-Mar	DIP21-28T	
2 Data Editing and Standards	DQS6P	Practical Session	6	4		22-Feb	22-26 Feb	26-Feb	26-Feb	DIP21-28M	DIP21-28D
3 Data Manipulation	DTM6	Online	6	8	10	22-Feb		26-Mar	01-Apr	DIP21-29T	
4 Spatial and Attribute Data Transfer Methods.	DTM6P	Practical Session	6	2		24-Mar	24-26 Mar	26-Mar	26-Mar	DIP21-29M	
5 Introduction to Database Management Systems	DBM6	Online	6	12	14	19-Apr		28-May	04-Jun	DIP21-30T	
6 Building a Spatial Database	DBM6P	Practical Session	6	2		25-May	25-28 May	28-May	28-May	DIP21-30M	DIP21-30D
7 Spatial Data Models	SDM6	Online	6	10	12	21-Jun		27-Jul	06-Aug	DIP21-31T	
8 GIS Data Structures for Data Acquisition	SDM6P	Practical Session	6	2		26-Jul	26-27 Jul	27-Jul	27-Jul	DIP21-31M	DIP21-31D
9 Principles of Map Design	PMD6	Online	6	12	14	19-Jul		25-Aug	03-Sep	DIP21 - 32T	
10 Designing Maps	PMD6P	Practical Session	6	2		23-Aug	23-25 Aug	25-Aug	25-Aug	DIP21-32M	DIP21-32D
11 OR Advanced Analysis and Map Design	AMD6P	Practical Session	6	4		29-Nov	29 Nov - 03 Dec	03-Dec	03-Dec	DIP21-33M	DIP21-33D
12 Projections and Coordinate Systems	PCS6	Online	6	9	10	13-Sep		05-Oct	15-Oct	DIP21-34T	
13 Map Projections	PCS6P	Practical Session	6	1		04-Oct	04-05 Oct	05-Oct	05-Oct	DIP21-34M	DIP21-34D
14 GPS and Land Surveying	GPS6	Online	6	11	14	18-Oct		26-Nov	03-Dec	DIP21-35T	
15 Basic GPS Knowledge	GPS6P	Practical Session	6	3		24-Nov	24-26 Nov	26-Nov	26-Nov	DIP21-35M	
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
1 Introduction to Programming	IPR6	Online	6	11	14	15-Feb		26-Mar	02-Apr	DIP21-36T	
2 Introduction to Geo-processing Scripts using Python	IPR6P	Practical Session	6	3		23-Mar	23-26 Mar	26-Mar	26-Mar	DIP21-36M	
3 GIS&T Ethics and Law	LAW6	Online	6	16	18	01-Mar		23-Apr	30-Apr	DIP21-37T	
4 Sharing GIS content on the Web	LAW6P	Practical Session	6	2		20-Apr	20-23 Apr	23-Apr	23-Apr	DIP21-37M	
5 Analytical Methods	ANM6	Online	6	12		28-Jun		13-Aug	20-Aug	DIP21-39T	
6 Topics in Advanced Spatial Analysis	ANM6P	Practical Session	6	2	14	11-Aug	11-13 Aug	13-Aug	13-Aug	DIP21-39M	DIP21-39D
7 OR Advanced Analysis and Map Design	AMD6P	Practical Session	6	4		06-Dec	06-10 Dec	10-Dec	10-Dec	DIP21-33M	DIP21-33D
8 Terrain Analysis	TRA6	Online	6	10	12	30-Aug		08-Oct	15-Oct	DIP21-40T	
9 Terrain Analysis Practical	TRA6P	Practical Session	6	2		06-Oct	06-08 Oct	08-Oct	08-Oct	DIP21-40M	DIP21-40D
10 Data Considerations for Map Design	DCM6	Mixed	6	16	16	06-Sep	19-Nov		26-Nov	DIP21 -41	
11 Remote Sensing	RES6	Online	6	10	12	11-Oct		19-Nov	26-Nov	DIP21-42T	
12 Practical Applications of Remote Sensing	RES6P	Practical Session	6	2		17-Nov	17-19 Nov	19-Nov	19-Nov	DIP21-42M	

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