



FREDERICK UNIVERSITY

Annex 1

Programme Structure

Annex 1 – Programme Structure

STRUCTURE OF THE PROGRAMME OF STUDY

PROGRAMME REQUIREMENTS	ECTS
Compulsory courses	40
Elective courses	20
Postgraduate Assignment (Senior Project)	30
Total ECTS	90

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
1st Semester								
1.	Required	COMPUTER NETWORKS	DLWSS501	NA	NA	NA	NA	10
2.	Required	WEB ENGINEERING	DLWSS502	NA	NA	NA	NA	10
3.	Required	UBIQUITOUS COMPUTING	DLWSS503	NA	NA	NA	NA	10
2nd Semester								
4.	Required	DISTRIBUTED AND CLOUD COMPUTING	DLWSS504	NA	NA	NA	NA	10
5.	Required/ Research	MASTER THESIS I - PLANNING	DLWSS589	NA	NA	NA	NA	10
6.	Specialization Elective	One (1) elective course from the list of electives						10
3rd Semester								
7.	Required	Master Thesis II	DLWSS590	NA	NA	NA	NA	20
8.	Specialization Elective	One (1) elective course from the list of electives						10

Specialization Electives:**Web Systems Specialization**

Num	Code	Course Name	ECTS
1.	DLWSS550	Interactive Design for Web Systems	10
2.	DLWSS551	Data Mining	10
3.	DLWSS552	Big Data Analytics	10
4.	DLWSS553	Software Reuse	10
5.	DLWSS554	Web Applications Security	10

Smart Systems Specialization

Num	Code	Course Name	ECTS
1.	DLWSS530	Communications for Smart Systems	10
2.	DLWSS531	Embedded Systems	10
3.	DLWSS532	Smart Sensors and Actuators	10
4.	DLWSS533	Network and System Security	10
5.	DLWSS534	Smart Systems Integration	10