I. TOTAL UNIVERSITY ORIENTATION		Credit	Grade	Semester			
UNV 101/10	2 University Orientation	1					
		,					
II. GENERAL STUDIES							
A. Language a							
ENG 101	English Composition I	3					
ENG 102	English Composition II	3					
SPE 103	Interpersonal Communication	3					
MAT 131	Calculus I	5					
	Foreign Language I	3					
	Foreign Language II	3					
Total		20					
	d Letters (Select One)						
ART 130	Introduction to Art OR						
MUS 130	Introduction to Music OR						
THE 130	Introduction to Theatre OR						
ENG 211	Introduction to Literature						
Total		3					
	ehavioral Science (Select Two Courses)						
POS 101	American Government OR						
FIN 101	Financial Literacy OR						
HIS 103	Western Civilization OR						
ECO 200	Survey of Economics OR						
PSY 200	General Psychology OR						
SOC 203	Principles of Sociology						
Total		6					
D. Natural Scie	neos						
PHY 211		5					
	General Physics I	5					
PHY 212 Total	General Physics II	10					
Total		10					
E. Integrative S	Studies						
IGS 200	Foundations of Cultures	3					
IGS 201	Convergence of Cultures	3					
Select ONE COURSE from Below							
IGS 300	Search for New Forms of Culture OR						
IGS 301	Studies in African Cultures OR						
IGS 302	Studies in Asian Cultures OR						
IGS 303	Studies in Latin American Cultures OR						
IGS 305	The Latino Experience OR						
COS 303	Human Perspective on Computing OR						
ENG 313	Non-Western Literature OR						
ENG/AAS	Literature of African-Americans OR						
MAT 304	Perspectives on Mathematics OR						
MGT	International Bus. Management/International Bus. Marketing OR						
MUS/AAS	African-American Music OR						
MUS/AAS	Jazz istory and Literature History and Literature OR						
MUS 333	Music of Africa and Asia						
Total				<u> </u>			
TOTAL GENERAL STUDIES		48					
			l				

III. MAJOR: M	(athematics/Applied(Pre-Engineering Material Engineering)			
A. Core Require	ments		Grade	Semester
MAT 131	Calculus I (Satisfied in General Studies)			
MAT 132	Calculus II	5		
PHY 211	General Physics I (Satisfied in General Studies)			
PHY 212	General Physics II (Satisfied in General Studies)			
Total Core		5		
B: Concentration	n/Specialization			
PHY 311	Engineering Statics	3		
PHY 320	Engineering Thermodynamics	3		
PHY 350	Electrical Circuits	4		
Total Concen	tration	10		
C. Supporting C	Courses			
CHE 101	General Chemistry I	3		
CHE 102	General Chemistry II	3		
CHE 110	General Chemistry Lab I	1		
CHE 120	General Chemistry Lab II	1		
CHE 200	Introductory Organic Chemistry	4		
COS 108	Priciples of Computer Science I	4		
MAT 231	Calculus III	3		
MAT 232	Calculus IV	3		
MAT Elec	Either MAT 315, MAT 321 or MAT 333	3		
PHY 390	Special Topics (Capstone Course)	3		
Total Suppor	t Courses	28		
TOTAL MAJOI	R	43		
IV. ELECTIVES	5			
A. 300-400 Cour	ses (Degree program must have at least 42 hours of 300-400 courses)			
	Courses transfer from UK to reach 120 hours total which	26		
	depend upon particular engineering program.			
B. Free Electives	8			
	Free Electives	2		
TOTAL FREE ELECTIVES		28		
TOTAL DEGRE	EE PROGRAM	120		

Note: Courses beginning with a zero (0XX-Developmental courses) do not count toward graduation)