

# **2021 CALENDAR FOR FIRST AND SECOND YEAR STUDENTS**

## **CORRESPONDENCE**

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## **VISION & MISSION STATEMENT**

### **Vision**

A university leading in engaged scholarship

### **Mission**

The University of Venda produces graduates that are locally relevant and globally competitive

# AGRICULTURE

## COMPOSITION OF THE CURRICULA FOR UNDERGRADUATE DEGREES (2021 ACADEMIC YEAR)

### BACHELOR OF SCIENCE IN AGRICULTURE (AGRICULTURAL ECONOMICS SPECIALIZATION)

#### AGBAAE

Year I		Year II	
Semester 1	Semester 2	Semester 1	Semester 2
ACC 1142 (12) ECO 1141 (12) ECS 1141 (12) CHE 1140 (12) MAT 1143 (12) PHY 1127 (6)	ACC 1244 (12) AGR 1231 (9) BIO 1243 (12) CHE 1221 (6) CHE 1222 (6) ECO 1241 (12) ECS 1245 (12)	ANS 2131 (9) AEC 2141 (12) AGR 2141 (9) BMA 1141 (12) ECO 2141 (12) SSC 2141 (12) STA 1149 (12)	AGM 2241 (12) BMA 1241 (12) ECO 2241 (12) STA 1248 (12)

### BACHELOR OF SCIENCE IN AGRICULTURE (AGRIBUSINESS MANAGEMENT SPECIALIZATION)

#### AGBAAM

Year I		Year II	
Semester 1	Semester 2	Semester 1	Semester 2
ACC 1142 (12) BIO 1142 (16) ECS 1141 (12) STA 1149 (12) MAT 1143 (12) CHE 1140 (12)	ACC 1244 (12) AGR 1231 (9) BIO 1243 (12) ECS 1245 (12) STA 1249 (8)	PHY 1127 (6) AEC 2141 (12) AGR 2141 (9) BMA 1141 (12) SSC 2141 (12) EXT 2141 (12)	AGM 2241 (12) ARE 2241 (12) CHE 1222 (6) BMA 1241 (12) ANS 2243 (12)

### BACHELOR OF SCIENCE IN AGRICULTURE (ANIMAL SCIENCE SPECIALIZATION)

#### AGBAAS

Year I		Year II	
Semester 1	Semester 2	Semester 1	Semester 2
BIO 1142 (12) ECO 1141 (12) ECS 1141 (12) CHE 1140 (12) MAT 1143 (12) PHY 1127 (6)	AGR 1231 (9) BIO 1243 (12) CHE 1221 (6) CHE 1222 (6) ECO 1241 (12) ECS 1245 (12) GEN 1241 (12)	AGR 2141 (9) ANS 2131 (9) ANS 2132 (9) EXT 2141 (12) SSC 2141 (12) STA 1149 (12)	AGM 2241 (12) ANS 2231 (9) ANS 2243 (12) ARE 2241 (12) STA 1249 (12)

### BACHELOR OF SCIENCE IN AGRICULTURE (HORTICULTURAL SCIENCES SPECIALIZATION)

#### AGBAHS

Year I		Year II	
Semester 1	Semester 2	Semester 1	Semester 2
BIO 1142 (12) CHE 1140 (12) ECO 1141 (12) ECS 1141 (12) MAT 1143 (12) PHY 1127 (6)	AGR 1231 (9) BIO 1243 (12) CHE 1221 (6) CHE 1222 (6) ECO 1241 (12) ECS 1245 (12) GEN 1241 (12)	AGR 2141 (12) ANS 2131 (9) EXT 2141 (12) HRT 2141 (12) PPR 2141 (12) SSC 2141 (12) STA 1149 (12)	ARE 2241 (12) BCM 2221 (6) BCM 2222 (6) HRT 2241 (12) STA 1249 (12)

**BACHELOR OF SCIENCE IN AGRICULTURE (AGRONOMY & CROP SCIENCE SPECIALIZATION)****AGBACS**

Year I		Year II	
Semester 1	Semester 2	Semester 1	Semester 2
BIO 1142 (12) CHE 1140 (12) ECO 1141 (12) ECS 1141 (12) MAT 1143 (12) PHY 1127 (6)	AGR 1231 (9) BIO 1243 (12) CHE 1221 (6) CHE 1222 (6) ECO 1241 (12) ECS 1245 (12) GEN 1241 (12)	AEC 2141 (12) ANS 2131 (9) BCM 2121 (6) BCM 2122 (6) EXT 2141 (12) HRT 2141 (12) SSC 2141 (12) STA 1149 (12)	AGM 2241 (12) AGR 2241 (12) ARE 2241 (12) STA 1249 (12)

**BACHELOR OF SCIENCE IN AGRICULTURE (SOIL SCIENCE SPECIALIZATION)****AGBASS**

Year I		Year II	
Semester 1	Semester 2	Semester 1	Semester 2
BIO 1142 (12) CHE 1140 (12) ECO 1141 (12) ECS 1141 (12) MAT 1143 (12) PHY 1127 (6)	AGR 1231 (9) BIO 1243 (12) CHE 1221 (6) CHE 1222 (6) ECO 1241 (12) ECS 1245 (12) GEN 1241 (12)	AGR 2141 (12) ANS 2131 (9) BCM 2121 (6) BCM 2122 (6) EXT 2141 (12) SSC 2141 (12) STA 1149 (12)	ARE 2231 (9) ARE 2241 (12) CHE 2220 (6) STA 1249 (12)

**BACHELOR OF SCIENCE IN FOOD SCIENCE AND TECHNOLOGY (AGBFST)****AGBFST**

Year I		Year II	
Semester 1	Semester 2	Semester 1	Semester 2
BIO 1141 (12) BIO 1142 (12) ECS 1141 (12) CHE 1140 (12) MAT 1143 (12) PHY 1127 (6)	AGR 1231 (9) BIO 1243 (12) CHE 1221 (6) CHE 1222 (6) ECS 1245 (12) MAT 1243 (12) PHY 1227 (6)	BCM 2121 (6) BCM 2122 (6) BMA 1141 (12) FST 2141 (12) MBY 2121 (6) STA 1149 (12)	BCM 2221 (6) BCM 2222 (6) FST 2221 (6) FST 2242 (12) FST 2243 (12) FST 2244 (12) STA 1249 (12)

**BACHELOR OF SCIENCE IN FORESTRY****(AGBSAF)**

Year I		Year II	
Semester 1	Semester 2	Semester 1	Semester 2
BIO 1142 (12) ECO 1141 (12) ECS 1141 (12) CHE 1140 (12) MAT 1143 (12) PHY 1127 (6)	AGR 1231 (9) BIO 1243 (12) CHE 1221 (6) CHE 1222 (6) ECO 1241 (12) ECS 1245 (12) GEN 1241 (12)	FRT 2141 (12) FRT 2144 (12) FRT 2145 (12) FRT 2146 (12) SSC 2141 (12) STA 1149 (12)	FRT 2241 (12) FRT 2243 (12) FRT 2244 (12) STA 1249 (12)

**BACHELOR OF SCIENCE IN AGRICULTURAL AND BIOSYSTEMS ENGINEERING****(NB: First intake in 2017)****AGBABE**

Year I		Year II	
Semester 1	Semester 2	Semester 1	Semester 2
ABE 1531 (8) ABE 1532 (12) ABE 1533 (12) ABE 1534 (12) ABE 1535 (12) ABE 1536 (8) ABE 1537 (8)	ABE 1631 (8) ABE 1632 (12) ABE 1633 (12) ABE 1634 (8) ABE 1635 (12) ABE 1636 (12) ABE 1637 (8)	ABE 2131 (12) ABE 2132 (12) ABE 2133 (8) ABE 2134 (12) ABE 2135 (8) ABE 2136 (8) ABE 2137 (8) ABE 2138 (8)	ABE 2231 (12) ABE 2232 (12) ABE 2233 (12) ABE 2234 (8) ABE 2235 (8) ABE 2236 (8) ABE 2237 (8) ABE 3238 (8)

## ENVIRONMENTAL SCIENCES

### Bachelor of Environmental Sciences (ESBNVSC) – New

Semester 1	Semester 2	Semester 1	Semester 2
ERM 1141 (12) ECS 1141 (10) GEO 1120 (10) GEO 1141 (10)	ERM 1241 (12) ECS 1246 (10) GEO 1220 (10) GEO 1241 (10)	ERM 2141 (12) GEO 2141 (10) GEO2142 (10)	ERM 2241 (12) GEO 2241 (10) GEO 2242 (10)
<b>GROUP A MODULES:</b> <i>Select any 2 of the following:</i>		<i>2 modules selected at first year level</i>	
BIO 1141 (16) CHE 1145 (16) MAT 1143 (10) STA 1149 (8) ECO1141 (12)	BIO 1143 (16) CHE 1123 (8) CHE 1224 (8) MAT 1243 (10) STA 1249 (8) ECO1241 (12)	BIO 2142 (20) CHE 2121 (10) CHE 2122 (10) ECO2141 (15)	BIO 2246 (20) CHE 2220 (10) ECO 2241 (15)
<b>GROUP B MODULES:</b> Select any of these to increase credits up to 120		Any 1 of the following selected from year 1	
MEG 1141 (10) URP 1141 (8) HWR 1141 (10) PAD1141 (12)	MEG 1241 (10) URP 1241 (8) HWR 1241 (10) PAD1241 (12)	MEG 2141 (12) URP 2143 (12) HWR 2141 (12) PAD2141 (15) PEL2141 (12)	MEG 2241 (10) URP 2243 (12)  HWR 2241 (12) PAD2241 (15) PEL2241 (12)
TOTAL 12 (13 for those who choose chemistry)		TOTAL 10 MODULES	

### Bachelor of Environmental Science in Disaster Risk Reduction (ESBDRR)

Semester 1	Semester 2	Semester 1	Semester 2
ECS 1141 (10) (C) DRR 1141 (8) (C) PHY 1127 (8) BIO 1141 (8) CHE 1145 (10) MAT 1143 (8) (C) ERM 1141 (10) (C) GEO 1141 (10) (C) GEO1120 (10) (C)  (Choose one additional module from PHY, CHE or BIO)	ECS 1246 (10) (C) DRR 1241 (8) (C) PHY 1227 (10) BIO 1243 (10) CHE 1224 (8) MAT 1243 (8) (C) ERM 1241 (10) (C) GEO 1241 (10) (C)	ERM 2141 (12) DRR 2141 (12) DRR 2142 (12) DRR 2143 (12) GEO 2141 (12)  (All modules are compulsory)	ERM 2241 (12) DRR 2241 (12) DRR 2642 (12) DRR 2643 (12) GEO 2241 (12)  (All modules are compulsory)
<b>Total: 13 modules</b> <b>Total credits: 120</b>		<b>Total: 10 modules</b> <b>Total credits: 120</b>	

**Note:** Compulsory modules in the first year are indicated by (C)

### Bachelor of Earth Sciences in Hydrology and Water Resources (ESBHWR) – New

Semester 1	Semester 2	Semester 1	Semester 2
HWR 1141 (10) HWR 1142 (8) ERM 1141 (12) MEG 1141 (10) MAT 1143 (8) CHE 1140 (16) PHY 1127 (6) ECS 1141 (10)	HWR 1241 (10) HWR 1242 (8) ERM 1241 (12) MEG 1241 (8) MAT 1243 (8) PHY 1227 (6) ECS 1246 (10)	HWR 2141 (16) HWR 2142(16) ERM 2141(12) CHE 2121(10) MEG 2141 (12)	HWR 2241 (16) HWR 2242 (16)  ERM 2241 (12) CHE 2220 (10) MEG 2241 (10)
Elective Modules – 8 credits taken from:			
	CHE 1241 (8) or CHE 1243 (8)		
Total: 14 modules Total credits = 126 (those doing PHY) Total credits = 130 (those doing CHE)		Total: 08 modules Total credits (PHY) = 110credits Total credits (CHE) =108 credits	

NB: Students must take Chemistry or Physics from the School of Mathematics and Natural Sciences in their first year. Chemistry continues to second year while those who are doing Physics are to continue with MEG to the end of second year

### Bachelor of Earth Sciences in Mining and Environmental Geology (ESBMEG) - New

Semester 1	Semester 2	Semester 1	Semester 2
MEG 1141 (10) MEG 1142 (8) HWR 1141 (10) ERM 1141 (12) ECS 1141 (10) MAT 1143 (8)	MEG 1241 (8) MEG 1242 (10) HWR 1241(10) ERM 1241 (12) ECS 1246 (10) MAT 1243 (8)	MEG 2141 (12) MEG 2142 (12) MEG 2143 (12) HWR 2141 (16) ERM 2141 (12)	MEG 2241 (10) MEG 2242 (8) MEG 2243 (8) MEG 2244 (10) MEG 2245 (8) HWR 2241 (16) ERM 2241 (12)
Elective Modules			
PHY 1127 (6) Or CHE 1145 (12)	PHY1227 (6) Or CHE1223 (6) and CHE 1224 (6)		
Total: 14 modules (PHY) = 128 credits Total: 15 modules (CHE) = 140 credits		Total: 12 Modules Total credits = 136	

### Bachelor of Earth Sciences in Mine Surveying (ESMIS) – New

Semester 1	Semester 2	Semester 1	Semester 2
MIS 1241 (16) MEG 1142 (8) ERM 1141 (12) ECS 1141 (10)	MIS 1241 (16) MEG 1242 (10) ERM 1241 (12) ECS 1246 (10)	MIS 2141 (16) MIS 2142 (16) MIS 2143 (12) ERM 2141 (12)	MIS 2241 (18) MIS 2242 (18) 1 MIS 2243 (18) MEG 2244 (10) MEG 2242 (8) ERM 2241 (12)
Elective Modules			
<b>MAT 1143 (8)</b> or <b>STA 1149 (8)</b> <b>PHY 1121 (8)</b> Mechanics	<b>MAT 1243 (8)</b> or <b>STA 1249 (8)</b> <b>PHY1227 (6)</b>		
<b>Total: 12 modules</b> <b>MAT Total credits = 110</b> <b>STA &amp; PHY Total Credits= 124</b>		<b>Total: 09 modules</b> <b>Total credits = 138</b>	

**Bachelor of Urban and Regional Planning (ESBURP) – New**

<b>Semester 1</b>	<b>Semester 2</b>	<b>Semester 1</b>	<b>Semester 2</b>
URP 1141 (8) URP 1140 (8) ERM 1141 (8) ECS 1141 (8)	URP 1241 (8) URP 1240 (8) MAT 1249 (8) ERM 1241 (8) ECS 1246 (8)	URP 2142 (12) URP 2143 (12) URP 2144 (12) ERM 2141 (12)	URP 2241 (12) URP 2243 (12) URP 2244 (12) URP 2245 (12) ERM 2241 (12)
Elective Modules – 16 credits taken from:		Elective Modules – 20 credits taken from:	
GEO 1120 (8) SOC 1141 (8) PAD 1141 (8) ECO 1141 (8)	GEO 1220 (8) SOC 1241 (12) PAD 1241 (8) ECO 1241 (8)	ECO 2141 (10) PAD 2141 (10) SOC 2141 (10) GEO 2141 (10)	ECO 2241 (10) PAD 2241 (10) SOC 2241 (10) GEO 2241 (10)
<b>Total: 13 modules Total credits = 96</b>		<b>Total: 11 modules Total credits = 128</b>	

## HUMAN AND SOCIAL SCIENCES

(B) NEW QUALIFICATION CODE FROM 2020

### HIGHER CERTIFICATE IN MUSIC

Year 1		NQF Level
Semester 1	Semester 2	
CML1121 (20) CMP1111 (10) CMH1121 (20) CIS1111 (10)	CML1221 (20) CMP1211 (10) CMH1211 (20) CIS1211 (10)	120
60	60	

### BACHELOR OF ARTS IN MEDIA STUDIES – HSBAMS FROM 2020 NEW CODES

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
MST1141 (16) & ENG1161 (16) or ISN1141 (16) or ISW1141 (16) or LIN1141 (16) or NSO1141 (16) or TVE1141 (16) or XTS1141 (16)	MST1241 (16) & ENG1261 (16) or ISN1241 (16) or ISW1241 (16) or LIN1241 (15) or NSO1241 (16) or TVE1241 (16) or XTS1241 (16)	MST2141 (16) & MST2142 (16) & MST2143 & ENG2161 (16) or ISN2141 (10) & ISN2142 (10) or ISW2141 (10) & ISW2142 (10) or LIN2141 (12) or NSO2141 (10) & LEX1142 (10) or TVE2141 (10) & TVE2142 (10) or XTS2141 (10) & XTS2142 (10)	MST2241 (16) MST2242 (16) & MST2243 & ENG2261 (10) or ISN2241 (10) & ISN2242 (10) or ISW2241 (10) or LIN2241 (12) or NSO2241 (10) or TVE2241 (10) or XTS2241 (10)
<b>Fundamental Modules</b> GPN1141 (16) ECS1141 (12)	<b>Fundamental modules</b> ECS1241 (12) NTA1241 (12)	<b>Fundamental modules</b> NRR2141 (14) NDA1141 (14)	<b>Fundamental modules</b> VLV2241

### BACHELOR OF ARTS IN MEDIA STUDIES (REVIEWED PROGRAMME – FIRST YEAR ONLY) – HSBAMS FROM 2021

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
MST1141 (14) &	MST1241 (14) &	MST2141 (14) &	MST2241 (14) MST2242 (14) &
<b>Second major (one of the following)</b> ENG1161 (16) or ISN1141 (16) or ISW1141 (16) or LIN1141 (16) or NSO1141 (16) or TVE1141 (16) or XTS1141 (16)	<b>Second major (one of the following)</b> ENG1261 (16) or ISN1241 (16) or ISW1241 (16) or LIN1241 (15) or NSO1241 (16) or TVE1241 (16) or XTS1241 (16)	<b>Second major (one of the following)</b> ENG2161 (16) or ISN2141 (14) & ISN2142 (14) or ISW2141 (14) & ISW2142 (14) or LIN2141 (14) or NSO2141 (14) & LEX1142 (14) or TVE2141 (14) & TVE2142 (14) or XTS2141 (14) & XTS2142 (14)	<b>Second major (one of the following)</b> ENG2261 (16) or ISN2241 (14) & ISN2242 (14) or ISW2241 (14) or LIN2241 (14) or NSO2241 (14) or TVE2241 (14) or XTS2241 (14)
<b>Fundamental Modules</b> MST 1142 ECS1141 (12)	<b>Fundamental modules</b> ECS1241 (12) MST 1242		<b>Fundamental modules</b> MST 2243

		<b>Fundamental modules MST 2142 MST 2143</b>	
<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>

### BACHELOR OF ARTS IN LANGUAGE PRACTICE – FROM 2020

Year 1		Year 2	
Sem 1	Sem 2	Sem 1	Sem 2
<b>Fundamental modules</b> LEX1142 (12) ECS1141 (10) LIN1141 (10) <b>Core Module</b> TIE1141 (16) ISW/NSO /TVE/XTS /ISN1141 (14)	<b>Fundamental modules</b> ECS1241 (10) LIN1241 (10)  <b>Core module</b> TIE1241 (16) ISW/NSO /TVE/XTS /ISN1241 (14)	<b>Fundamental module</b> ENG1161 (16)  <b>Core Modules</b> TIE2141 (16) TIE2142 (16) ISW/NSO /TVE/XTS /ISN1541 (14) ISW/NSO /TVE/XTS /ISN2142 (14) <b>Elective modules</b> COM1122/ NDA1141/ LIN1142 (10)	<b>Fundamental modules</b> ENG1261(16) LEX1243 (12)  <b>Core Modules</b> TIE2241 (16) ISW/NSO /TVE/XTS /ISN2241 (14)
<b>62</b>	<b>50</b>	<b>86</b>	<b>58</b>

### BACHELOR OF SOCIAL WORK – HSBBSW FROM 2020

Year 1		Year 2	
Sem 1	Sem 2	Sem 1	Sem 2
<b>YEAR MODULE (CORE)</b>		<b>YEAR MODULE (CORE)</b>	
SCW1341 (20)		SCW2341 (20) SCW2342 (20)	
<b>Fundamental modules</b> ECS1141 (10)  <b>Core module</b> SCW1541 (10) <b>Elective modules (any two)</b> PSY1141 (15) SOC1141 (15) CST1141(15)	<b>Fundamental modules</b> ECS1241 (10)  <b>Core Module</b> SCW1241 (10) <b>Elective modules (any two)</b> PSY1241 (15) SOC1241 (15) CST1241(15)	<b>Core modules</b> SCW2141 (10) SCW2142 (10)  <b>Elective modules - any two modules</b> PSY2141 (10) PLUS PSY2142 (10) ANT2141 (10) SOC2141 (10)	<b>Core modules</b> SCW2241 (10) SCW2242 (10)  <b>Elective modules -any two modules</b> PSY2241 (10) Plus PSY2242 (10) ANT2241 (10) SOC2241 (10) Or SOC2242 (10)
<b>50</b>	<b>50 + 20</b>	<b>40</b>	<b>40 + 40</b>

## ACADEMIC STRUCTURE FOR HSBAYD FROM 2020

Year 1		Year 2	
Sem 1	Sem 2	Sem 1	Sem 2
<b>Fundamental module</b> ECS1141 (12)	<b>Fundamental module</b> ECS1241 (12)	<b>Core modules</b> YID2140 (16) YID2144 (16)	<b>Core modules</b> YID2240 (16) YID2244 (16) YID2245 (16)
<b>Core modules</b> YID1140 (16) YID1144 (16)	<b>Core modules</b> YID1240 (16) YID1244 (16)	<b>Elective modules</b> PSY2111 (4) PSY2141 (8) PSY2142 (8) SOC2141 (20) or ISO2141 (10) ANT2141 (20) APA2141 (20)	<b>Elective modules</b> PSY2241 (10) PSY2242 (10) SOC2241 (20) SOC2242 (20) or ISO2241 (10) ANT2241 (20) APA2241 (20)
<b>Elective Modules</b> PSY1141 (15) SOC1141 (15) or ISO1141 (15) CST1141 (15)	<b>Elective Modules</b> PSY1241 (15) SOC1241 (15) or ISO1241 (15) CST1241 (15)		
<b>One from the following:</b> HRM1141 (15) PAD1141 (15) POL1141 (15) CRM1141 (15)	<b>One from the following:</b> HRM1241 (15) PAD1241 (15) POL1241 (15) CRM1241 (15)		

## BACHELOR OF INDIGENOUS KNOWLEDGE SYSTEMS (BIKS) HSBIKS

Year 1		Year 2	
Sem 1	Sem 2	Sem 1	Sem 2
IKS1141 (12)	IKS1241 (12)	IKS2141 (12)	IKS2241 (12)
IKS1142 (12)	IKS1242 (12)	IKS2142 (12)	IKS2242 (12)
IKS1143 (12)	IKS1243 (12)	IKS2143 (12)	IKS2243 (12)
IKS1144 (12)	IKS1244 (12)	IKS2144 (12)	IKS2244 (12)
IKS1145 (12)	IKS1247 (12)	IKS2145 (12)	IKS2245 (12)

## BA in DEVELOPMENT STUDIES (BADS)

YEAR 1		YEAR 2	
Semester 1	Semester 2	Semester 1	Semester 2
DST1141	DST1241	DST2141	DMS2241
DST1142	DST1242	DST2142	DST2242
DST1143	DST1243	DST2143	DST2243
ECS1141	ECS1241	DST2144	DST2244 YID2245

## HISTORY MODULES

YEAR 1		YEAR 2	
Semester 1	Semester 2	Semester 1	Semester 2
HIS1141 or HIS1142 or HIS1143	HIS1241 or HIS1242 or HIS1243	HIS2141	HIS2241 HIS2243

## PHILOSOPHY

YEAR 1		YEAR 2	
Semester 1	Semester 2	Semester 1	Semester 2
PHI1541	PHI1641	PHI2541 PHI2542	PHI2641 PHI2642

## POLITICAL STUDIES

YEAR 1		YEAR 2	
Semester 1	Semester 2	Semester 1	Semester 2
POL1141	POL1241	POL2141 POL2142	POL2241

## RELIGIOUS STUDIES

YEAR 1		YEAR 2	
Semester 1	Semester 2	Semester 1	Semester 2
RST1141 RST1142	RST1241 RST1242	RST2141 RST2142 RST2143 RST2144	RST2241 RST2242 RST2243 RST2244

## ENGLISH

YEAR 1		YEAR 2	
Semester 1	Semester 2	Semester 1	Semester 2
ENG1161	ENG1261	ENG25161	ENG2261

## BA IN INTERNATIONAL RELATIONS: BA (IR) HSBAIR

FIRST YEAR		SECOND YEAR	
Semester 1	Semester 2	Semester 1	Semester 2
ITR 1141 HIS 1143 ECO 1141/1142** ECS 1141	ITR 1241 HIS 1244 ECO1241/1242* * ECS 1241	ITR 2141 &  ITR 2142 HIS 2141 & HIS 2144** or  ECO 2141	ITR 2241 & ITR 2242 HIS 2242 & HIS 2244** or ECO 2241

## BACHELOR OF THEOLOGY (BTH) PACKAGE

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
THE1541 (14) THE1542 (14) THE1543 (14) ECS1541 (14)	THE1641 (14) THE1642 (14) THE1643 (14) ECS1641 (14)	THE2541 (14) THE2542 (14) THE2543 (14) THE2544 (14)	THE2641 (14) THE2642 (14) THE2643 (14) THE2644 (14)
<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>

## FACULTY OF HEALTH SCIENCES

### BACHELOR OF NURSING SCIENCE IN EDUCATION, MANAGEMENT AND COMMUNITY

#### MAJOR: NURSING MANAGEMENT AND EDUCATION: (SHBBAE)

Year 1 - NQF Level 5		Year 2 - NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
NAD1141 (10) NED1141 (10) PAD1141 (10) HRM1141 (10) NPM 2141 (8) IEH1121 (10)	NAD1241 (10) PAD1241 (10) HRM1241 (8) NBB1241 (20) SFE1241 (10) EPH1241 (10) NED 1241	NED2141 (10) HRM2141 (8) PAD2141 (10) NRP2141 (10) NAD2141 (10)	NED2241 (10) HRM2221 (8) PAD2241 (10) NRP2241 (10) NAD2241 (10)
<b>Year module</b> NAD1341 Health services management (20) workbook/practica		<b>Year module</b> NAD2341 reflective journal (20) NED 2341 Education Technology (20)	

### BACHELOR OF NURSING SCIENCE IN EDUCATION, MANAGEMENT AND COMMUNITY

#### MAJOR: COMMUNITY AND MANAGEMENT: (SHBBCA)

Year 1 - NQF Level 5		Year 2 - NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
NCP1141 (10) NAD1141 (10) PAD1141 (6) HRM1141 (8) NPM2141 (8)	NCP1241 (20) NAD1241 (10) SOC2241 (10) PAD1241 (6) HRM1241 (8) NBB1241 (20)	NCP2141 (20) HRM2141 (10) PAD2141 (6) NRP2141 (10) NAD2141 (10)	HRM2241 (10) PAD2241 (10) NRP2621 (10) NAD 2241 (10)
<b>Year module</b> NAD1341 Health Service Management (20) workbook/practica NCP1341 community workbook/practica (10)		<b>Year modules</b> NAD2341(10) Human resource management reflective journal NCP2341(20) Integrated management of childhood illness	

### BACHELOR OF NURSING SCIENCE IN EDUCATION, MANAGEMENT AND COMMUNITY

#### MAJOR: COMMUNITY AND EDUCATION: (SHBBCE)

Year 1 - NQF Level 5		Year 2 - NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
NCP1141 (10) NED1141 (20) NPM2141 (10) IEH1121 (10)	NCP1241 (10) NBB1241 (20) SFE1241 (10) EPH1241 (10)	NED2141 (20) NRP2141 (10) NCP2141 (20)	NED2241 (20) NRP 2241 (10)
<b>Year module</b> NCP1342(10) workbook/practica		<b>Year modules</b> NCP2341 Integrated Management of Childhood illness (20) NED1341 Educational Technology (40) Portfolio of evidence workbook (40)	

### NEW PROGRAMME (R174) BACHELOR OF NURSING-SHBBN

Year 1 - NQF Level 5		Year 2 - NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
NBP 1441 (16) ECS 1141 (4) NBF1443 (48)	NFS 1444 (24) ECS 1246 (4) NPY 1445 (8)	NBF 2442 (14) NSP 2443 (14) NSC 2446 (6)	NIS 2444 (28) NCM 2445
<b>Year module:</b> Integrated clinical skills (NIS 1446) 70% Basic Nursing Skills 30% Community Health Nursing skills		<b>Year module:</b> Integrated nursing skills (NIS 2441) 70% General Nursing Skills 30% Community Health Nursing skills	

### BACHELOR OF SCIENCE IN NUTRITION (SHBBSN)

Year 1 - NQF Level 5		Year 2 - NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
RNT 1441(20) RNT 1443(30) ECS 1141 (10)	RFD 1442 (30) ECS 1246 (10) RCN 1444 (20)	RNT 2441 (20) RNT 2442 (20)	RCN 2443 (20) RFD 2444 (20) RFD 2445 (20)
		Year Module: RNI 2446 (20) Integrated Internship	
<b>Total credits = 120</b>		<b>Total credits = 120</b>	

### Bachelor of Psychology (SHBBP)

Year 1 - NQF Level 5		Year 2 - NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
BPS1441 BPS1442 ECS 1141 SOC 1141	ECS 1246 (10) BPS 1443 (15) SOC 1241	BPS 2441 (24) BPS 2442 (24) ISO 2141	BPS 2443 (24) BPS 2444 (24) SOC 2241

### Psychology general stream (NEW PQM)

Year 1 - NQF Level 5		Year 2 - NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
ECS 1141 (10) PSY 1141	ECS 1246 10) PSY 1241	PSY 2142 (8) PSY 2141 PSY 2142 PSY 2111	PSY 2241 PSY 2242

### Bachelor of Science in Biokinetics (SHBBSB)

Year 1 - NQF Level 5		Year 2 - NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
KOP 1441 (10) KFH 1442 (20) KHA 1443 (30) ECS 1141 (10)	KSS 1444 (20) KPC 1445 (20) ECS 1246 (10)	KNS 2441(20) KEP 2442 (20) KPA 2443 (20) KCS 2445 (20)	KML 2444 (10) KNE 2446 (20) KTR 2447 (10)
<b>Total credits = 120</b>		<b>Total credits = 120</b>	

### Bachelor of Science in Recreation and Leisure studies (SHBRLS)

Semester 1	Semester 2	Semester 1	Semester 2
KOP 1441 (10) KFH 1442 (20) ECS 1141 (10)	KSS 1443 (20) KPC 1444 (20) KNL 1845 (20) ECS 1141 (10)	KFR 2441 (20) KOR 2442 (20) KRL 2443 (10)	KBR 2444 (20) KMR 2445 (20) KSF 2446 (10) KAL 2447 (20)
<b>Total credits = 120</b>		<b>Total credits = 120</b>	

### Bachelor of Science in Sport and Exercise science (SHBSES)

Year 1 - NQF Level 5		Year 2 - NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
KOP 1441 (10) KFH 1442 (20) KHA 1443 (30) ECS 1141 (10)	KSS 1444(20) KPC 1445(20) ECS 1246 (10)	KNS 2441 (20) KEP 2442 (20) KPA 2443 (20)	KML 2444 (20) KNE 2445 (20) KTR 2446 (20)
<b>Total credits = 120</b>		<b>Total credits = 120</b>	

# SCHOOL OF LAW

## (BA.CRM) LWBACJ

Year 1 NQF Level 5		Year 2 NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
CRM 1141 (12)	CRM 1241 (12)	CRM 2141 (12)	CRM 2241 (12)
INT 1141 (10)	INT 1241 (10)	IST 2141 (10)	HRL 2241 (12)
ECS 1141 (10)	ECS 1244 (10)	CRL 2141 (12)	CRL 2241 (12)
PSY 1141 (15)	PSY 1241 (15)	VIC 2141 (12)	MED 2241 (12)
and one of the following majors	and one of the following majors	and one of the following majors	and one of the following majors
POS 1141 (12) OR	POS 1241 (12) OR	POS 2141 (12) OR	POS 2241 (12) OR
PER 1141 (12)	FAM (1241) (12)	PRO 2141 (12)	SUC 2241 (12)
<b>59</b>	<b>59</b>	<b>58</b>	<b>60</b>

## MODULES ON SEMESTER BASIS IN THE LLB (LWBBL)

YEAR 1 NQF Level 5		YEAR 2 NQF Level 6	
Semester 1	Semester 2	Semester 1	Semester 2
PER 1141 (12)	FAM 1241 (12)	PRO 2141 (12)	SUC 2241 (12)
INT 1141 (10)	LRM 1241 (10)	CRL 2141 (12)	CRL 2241 (12)
ECS 1141 (10)	ECS 1244 (10)	IST 2141 (10)	CUL 2241 (10)
ICL 1141 (8)	ACL 1241 (12)	CRT 2141 (12)	LRW 2241 (12)
		CAL 2141 (12)	HRL 2241 (12)
And <b>one</b> (12) credit nonlaw module at first year level from: ACC 1141 BMA 1141 CRM 1141 ECO 1141 HRM 1141 POL 1141 POS 1141 PSY 1141 SOC 1141	And <b>one</b> (12) credit nonlaw module at first year level from: ACC 1241 BMA 1241 CRM 1241 ECO 1241 HRM 1241 POL 1241 POS 1241 PSY 1241 SOC 1241		
<b>52</b>	<b>56</b>	<b>58</b>	<b>58</b>

# MANAGEMENT SCIENCES

## PUBLIC ADMINISTRATION EXTENDED PROGRAMME – MSEAPA FROM 2020

Year 1		Year 2		Year 3	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
FCT1140(12) FEN1140(12) FET1140(12) FUS1140(12) FNU1140(12)	FEN1240(12) FUS1240(12) <b>Three from:</b> FAC1240(12) FBM1240(12) FBS1240(12) FEM1240(12) FHR1240(12) MAT0243(12) #	PAD1141(12) DMS1141(12) ECO1141(12) <b>or</b> ECO1142(12) ECS1141(10) LGA1141(12) POL1141(12)	PAD1241(12) BIS 1641(12) DMS1241(12) ECO1241(12) <b>or</b> ECO1242(12) ECS1243(10) LGA1241(12) POL1241(12)	PAD2141(15) COL1141(15) <b>or</b> HRM1141(15) DMS2141(15) LGA2141(15) POL2141(15) <b>and</b> POL2142(15)	PAD2241(15) COL1242(15) <b>or</b> HRM1241(15) DMS2241(15) LGA2241(15) POL2241(15)
<b>60</b>	<b>60</b>	<b>70</b>	<b>82</b>	<b>90</b>	<b>75</b>

## ACCOUNTING EXTENDED PROGRAMME – MSEBCA FROM 2020

Year 1		Year 2		Year 3	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
FCT1140(12) FEN1140(12) FET1140(12) FUS1140(12) FNU1140(12)	FAC1240(12) FEN1240(12) FUS1240(12) <b>Two from:</b> FBM1240(12) FBS1240(12) FEM1240(12) FHR1240(12) MAT0244(12) * <b>or</b> MAT0243(12) #	ACC1541(12) BMA1141 (12) COL1141 (12) ECO1141 (12) ECS1141 (10) MAT1145 (12) <b>or</b> STA1148 (12)	ACC1241 (12) BMA1241 (12) COL1242 (12) ECO1241 (12) ECS1243 (10) MAT1245 (12) <b>or</b> STA1248 (12)	ACC2142(15) ACC2143 (15) AUD2141 (15) COL2141 (15)	ACC2242 (15) ACC2243 (15) AUD2241 (15) BIS1241 (12) TAX2241 (15)
<b>60</b>	<b>60</b>	<b>70</b>	<b>70</b>	<b>60</b>	<b>72</b>

\* **MAT0644** should be registered in semester 2 by those students who passed FNU1540

# **MAT0643** should be registered in semester 2 by those students who failed FNU1540

## BUSINESS INFORMATION SYSTEMS EXTENDED PROGRAMME – MSEBIS FROM 2020

Year 1		Year 2		Year 3	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
FCT1140(12) FEN1140(12) FET1140(12) FUS1140(12) FNU1140(12)	FEN1240(12) FUS1240(12) <b>Three from:</b> FAC1240(12) FBM1240(12) FBS1240(12) FEM1240(12) FHR1240(12) MAT0244(12) * <b>or</b> MAT0243(12) #	ACC1141(12) BIS1141(12) BIS1142(12) BMA1141(12) ECO1141(12) ECS1141(10)  MAT1145(12) <b>or</b> STA1148(12)	ACC1241(12) BIS1241(12) BIS1242(12) BMA1241(12)  ECS1243(10)  MAT1245(12) <b>or</b> STA1248(12)	BIS2141(15) BIS2142(15) BIS2143(15) BMA2141(15)  ACC2141(15)	BIS2241(15) BIS2242(15) BIS2243(15) HRM2221(15)  ACC2241(15) <b>or</b> BMA2241(15)
<b>60</b>	<b>60</b>	<b>84</b>	<b>72</b>	<b>75</b>	<b>75</b>

### PLEASE NOTE:

\* **MAT0244** should be registered in semester 2 by those students who passed FNU1140

# **MAT0243** should be registered in semester 2 by those students who failed FNU1140

**BUSINESS MANAGEMENT EXTENDED PROGRAMME – MSECBM FROM 2020**

Year 1		Year 2		Year 3	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
FCT1140(12) FEN1140(12) FET1140(12) FUS1140(12) FNU1140(12)	FBM1240(12) FEN1240(12) FUS1240(12)  <b>Two from:</b> FAC1240(12) FBS1240(12) FEM1240(12) FHR1240(12) MAT0244(12) Or FNU1640(12)	ACC1541(12) BMA1141 (12) BMA1142 (12) ECO1141(12) ECS1141(10)  <b>One from:</b> MAT1145 (12) Or STA1148 (12)	ACC1241(12) BMA1241 (12) BMA1642 (12) ECO1241(12) ECS1243(10)  <b>One from:</b> MAT1245(12) Or STA1248(12)	BMA2141(15) BMA2142 (12) BMA2143 (15) COL1141(12)  <b>One from:</b> ACC2141 (15)  ECO2141(15)	BMA2241(15) BMA2242 (15) BIS1241 (12) COL1242(12)  <b>One from:</b> ACC2241 (15)  ECO2241(15)
60	60	70	70	60	72

**COST AND MANAGEMENT ACCOUNTING EXTENDED PROGRAMME – MSECMA FROM 2020**

Year 1		Year 2		Year 3	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
FCT1140(12) FEN1140(12) FET1140(12) FUS1140(12) FNU1140(12)	FAC1240(12) FEN1240(12) FUS1240(12)  <b>Two from:</b> FBM1240(12) FBS1240(12) FEM1240(12) FHR1240(12) MAT0244(12) * <b>or</b> MAT0243(12) #	ACC1541 (12) BMA1141 (12) COL1141 (12) ECO1141 (12) ECS1141 (10)  MAT1145 (12) <b>or</b> STA1148 (12)	ACC1241 (12) BMA1241 (12) COL1242 (12) ECS1243 (10) ECO1241 (12)  MAT1245 (12) <b>or</b> STA1248 (12)	ACC2142 (15) ACC2143 (15) AUD2141 (15)  BMA2141 (15) <b>or</b> ECO2141 (15)	ACC2242 (15) ACC2243 (15) AUD2241 (15) BIS1241 (12)  BMA2241 (15) <b>or</b> ECO2241 (15)
60	60	70	70	60	72

**ECONOMICS EXTENDED PROGRAMME – MSECBE FROM 2020**

Year 1		Year 2		Year 3	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
FCT1140(12) FEN1140(12) FET1140(12) FUS1140(12) FNU1140(12)	FEM1240(12) FEN1240(12) FUS1240(12)  <b>Two from:</b> FAC1240(12) FBM1240(12) FBS1240(12) FHR1240(12) MAT0244(12) * <b>or</b> MAT0243(12) #	ACC1141(12) <b>or</b> ACC1142(12) # BMA1141(12) COL1141(12) ECO1141(12) ECS1141(10)  MAT1145(12) <b>or</b> STA1148(12)	ACC1241(12) <b>or</b> ACC1244(12) # BMA1241(12) COL1242(12) ECO1241(12) ECS1243(10) BIS1241(12) MAT1245(12) <b>or</b> STA1248(12)	ECO2141 (15) ECO2142 (15) MAT1145 (12) <b>or</b> STA1148 (12)  <b>Two from:</b> ACC2143 (15) BMA2141 (15) COL2141 (15)	ECO2241 (15) ECO2242 (15) MAT1245 (12) <b>or</b> STA1248 (12)  <b>Two from:</b> ACC2243 (15) BMA2241 (15) COL2241 (15)
60	60	70	82	60	60

**PLEASE NOTE:**

\* **MAT0244** should be registered in semester 2 by those students who passed FNU1140

# **MAT0243** should be registered in semester 2 by those students who failed FNU1140

**HUMAN RESOURCES MANAGEMENT EXTENDED PROGRAMME – MSEHRM FROM 2020**

Year 1		Year 2		Year 3	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
FCT1140(12) FEN1140(12) FET1140(12) FUS1140(12) FNU1140(12)	FEN1240(12) FHR1240(12) FUS1240(12)  <b>Two from:</b> FAC1240(12) FBM1240(12) FBS1240(12) FEM1240(12) MAT0244(12) * <b>or</b> MAT0243(12) #	ACC1142 (12) BMA1141 (12) ECO1141 (12) ECS1141 (10) HRM1141 (12)  MAT0143 (0)# <b>or</b> MAT0144 (0)*	ACC1244 (12) BMA1241 (12) ECO1241 (12) ECS1243 (10) HRM1241 (12)  MAT0244 (0)#	HRM2141 (15) HRM2142 (15) BMA2141 (15) ECO2141 (15)  MAT1145 (12) <b>or</b> STA1148 (12)	HRM2241 (15) HRM2242 (15) BIS1241 (12) ECO2241 (15)  MAT1245(12) <b>or</b> STA1248(12)
<b>60</b>	<b>60</b>	<b>70</b>	<b>70</b>	<b>60</b>	<b>72</b>

**(B) TOURISM MANAGEMENT EXTENDED PROGRAMME – MSECTM FROM 2020**

Year 1		Year 2		Year 3	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
FCT1140(12) FEN1140(12) FET1140(12) FUS1140(12) FNU1140(12)	FEN1240(12) FUS1240(12)  <b>Three from:</b> FAC1240(12) FBM1240(12) FBS1240(12) FEM1240(12) FHR1240(12) MAT0244(12) * <b>or</b> MAT0243(12) #	TPO1142(12) TMA1141(12) TMD1141(12)  ECS1141(10)  ACC1142(12)	TPO1242(12) TMA1241(12) TMD1241(12) BIS1241(12) ECS1243(10)  ACC1244(12)	TPO2142(15) TMA2141(15) TMD2141(15) COL1141(12)  MAT1145(12) <b>or</b> STA1148(12)	TPO2242(15) TMA2241(15) TMD2241(15) COL1242(12)  MAT1245(12) <b>or</b> STA1248(12)
<b>60</b>	<b>60</b>	<b>58</b>	<b>70</b>	<b>69</b>	<b>69</b>

**PLEASE NOTE:**

\* **MAT0244** should be registered in semester 2 by those students who passed FNU1140

# **MAT0243** should be registered in semester 2 by those students who failed FNU1140

**PUBLIC ADMINISTRATION – MSBAPA FROM 2020**

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
PAD1141 (12) DMS1141 (12) LGA1141 (12) POL1141 (12) ECS1141 (10)  ECO1141 (12) <b>or</b> ECO1142 (12)	PAD1241 (12) DMS1241 (12) LGA1241 (12) POL1241 (12) ECS1243 (10) BIS1241 (12) ECO1241 (12) <b>or</b> ECO1242 (12)	PAD2141 (15) DMS2141 (15) LGA2141 (15) POL2141 (15) POL2142 (15)  COL1141 (12) <b>or</b> HRM1141 (12)	PAD2241 (15) DMS2241 (15) LGA2241 (15) POL2241 (15)  COL1242 (12) <b>or</b> HRM1241 (12)
<b>70</b>	<b>82</b>	<b>87</b>	<b>72</b>

**ACCOUNTING – MSBBCA FROM 2020**

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
ACC1141 (12)	ACC1241 (12)	ACC2142(15)	ACC2242 (15)
BMA1141 (12)	BMA1241 (12)	ACC2143 (15)	ACC2243 (15)
COL1141 (12)	COL1242 (12)	AUD2141 (15)	AUD2241 (15)
ECO1141 (12)	ECO1241 (12)	COL2141 (15)	TAX2241 (15)
ECS1141 (10)	ECS1243 (10)		
	BIS1241 (12)	MAT1145 (12)	MAT1245 (12)
MAT0143 (0)#	MAT0243 (0)#	or	or
or	or	STA1148 (12)	STA1248 (12)
MAT0144 (0)#	MAT0244 (0)#		
<b>58</b>	<b>70</b>	<b>72</b>	<b>72</b>

**PLEASE NOTE:** - Pre-requisites for MAT0144/0244 is at least F (HG) or E (SG) in Matric Mathematics or MAT0143/0243

- Pre-requisites for MAT1145 & STA1148 is MAT0144/0644 or at least an E (HG) or D (SG) in Matric Mathematics

- Pre-requisites for MAT1245 is MAT1145 and for STA1248 is STA1148

**ACCOUNTING SCIENCES – MSBCAS FROM 2020**

Year 1		Year 2	
Sem 1	Sem 2	Sem 1	Sem 2
SMA1141(12)	SMA1241(12)	SBI2141 (12)	SBI2241 (12)
SCO1141(12)	SCO1241(12)		
SCS1141(12)	SCS1243(12)		
SEC1241(12)	SEC1641(12)		
SAM1145(12)	SAM1245(12)		
SCC1300 (24)		SAD2300 (24)	
		SCC2300 (24)	
		SCC2301 (24)	
		STX2300 (24)	
<b>144</b>		<b>120</b>	

\*ACCREDITED BY SAICA, EFFECTIVE 03<sup>RD</sup> JULY 2019

**BUSINESS INFORMATION SYSTEMS – MSBBIS FROM 2020**

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
ACC1141 (12)	ACC1241 (12)	BIS2141 (15)	BIS2241 (15)
BIS1141 (12)	BIS1241 (12)	BIS2142 (15)	BIS2242 (15)
BIS1142 (12)	BIS1242 (12)	BIS2143 (15)	BIS2243 (15)
BMA1141 (12)	BMA1241 (12)	BMA2141 (15)	HRM2221 (15)
ECO1141 (12)	ECS1243(10)	MAT1145 (12)	MAT1245(12)
ECS1141 (10)	MAT0243 (0)#	or	or
MAT0143 (0)#	or	STA1148 (12)	STA1248(12)
or	MAT0244 (0)#		ACC2243 (15)
MAT0144 (0)#		ACC2143(15)	or
			BMA2241(15)
<b>70</b>	<b>58</b>	<b>87</b>	<b>87</b>

**PLEASE NOTE:**

- Pre-requisites for MAT0144/0244 is at least F (HG) or E (SG) in Matric Mathematics or MAT0143/0243

- Pre-requisites for MAT1145 & STA1148 is MAT0144/0644 or at least an E (HG) or D (SG) in Matric Mathematics

- Pre-requisites for MAT1245 is MAT1145 and for STA1248 is STA1148

**BUSINESS MANAGEMENT –MSBCBM FROM 2020**

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
ACC1141(12)	ACC1241(12)	BMA2141(15)	BMA2241(15)
BMA1141(12)	BMA1241(12)	BMA2142(12)	BMA2242(15)
BMA1142(12)	BMA1642(12)	BMA2143(15)	BIS 1641(12)
ECO1141(12)	ECO1241(12)	MAT1145 (12) or	MAT1245(12)
ECS1141(10)	ECS1243(10)	STA1148 (12)	or
COL1141(12)	COL1242(12)		STA1248(12)
		One from:	
MAT0143 (0)#	MAT0243 (0)#	ACC2143 (15)	One from:
or	or	ECO2141(15)	ACC2243 (15)
MAT0144 (0)#	MAT0244 (0)#		ECO2241(15)
<b>70</b>	<b>70</b>	<b>69</b>	<b>66</b>

**PLEASE NOTE:**

- *Pre-requisites for MAT0144/0244 is at least F (HG) or E (SG) in Matric Mathematics or MAT0143/0243*
- *Pre-requisites for MAT1145 & STA1148 is MAT0144/0644 or at least an E (HG) or D (SG) in Matric Mathematics*
- *Pre-requisites for MAT1245 is MAT1145 and for STA1248 is STA1148*

**COST AND MANAGEMENT ACCOUNTING –MSBCMA FROM 2020**

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
ACC1141 (12) BMA1141 (12) COL1141 (12) ECO1141 (12) ECS1141 (10)	ACC1241 (12) BMA1241 (12) COL1242 (12) ECS1243 (10) ECO1241 (12) BIS1241 (12)	ACC2142 (15) ACC2143 (15) AUD2141 (15) MAT1145 (12) <b>or</b> STA1148 (12)	ACC2242 (15) ACC2143 (15) AUD2241 (15) MAT1245 (12) <b>or</b> STA1248 (12)
MAT0143 (0)# <b>or</b> MAT0144 (0)#	MAT0243 (0)# <b>or</b> MAT0244 (0)#	BMA2141 (15) <b>or</b> ECO2141 (15)	BMA2241 (15) <b>or</b> ECO2141 (15)
<b>58</b>	<b>70</b>	<b>72</b>	<b>72</b>

**PLEASE NOTE:**

- *Pre-requisites for MAT0144/0244 is at least F (HG) or E (SG) in Matric Mathematics or MAT0143/0243*
- *Pre-requisites for MAT1145 & STA1148 is MAT0144/0644 or at least an E (HG) or D (SG) in Matric Mathematics*
- *Pre-requisites for MAT1245 is MAT1145 and for STA1248 is STA1148*

**HUMAN RESOURCES MANAGEMENT – BCHRMR FROM 2020**

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
ACC1142 (12) BMA1141 (12) ECO1141 (12) ECS1141 (10) HRM1141 (12)	ACC1244 (12) BMA1241 (12) ECO1241 (12) ECS1243 (10) HRM1241 (12)	HRM2141 (15) HRM2142 (15) BMA2141 (15) ECO2141 (15)	HRM2241 (15) HRM2242 (15) BIS 1641 (12) ECO2241 (15)
MAT0143 (0)# <b>or</b> MAT0144 (0)#	MAT0244 (0)# <b>or</b> MAT0243 (0)#	MAT1145 (12) <b>or</b> STA1148 (12)	MAT1245(12) <b>or</b> STA1248(12)
<b>58</b>	<b>58</b>	<b>72</b>	<b>69</b>

**PLEASE NOTE:**

- *Pre-requisites for MAT0144/0244 is at least F (HG) or E (SG) in Matric Mathematics or MAT0143/0243*
- *Pre-requisites for MAT1145 & STA1148 is MAT0144/0644 or at least an E (HG) or D (SG) in Matric Mathematics*
- *Pre-requisites for MAT1245 is MAT1145 and for STA1248 is STA1148*

**BCOM IN INDUSTRIAL PSYCHOLOGY – MSBCIP FROM 2020**

7 Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
IPS1141 (12) BMA1141 (12) ECO1141 (12) ACC1142 (12) ECS 1541 (10)	IPS1241(12) BMA1241(12) ECO1241 (12) ACC1244 (12) ECS 1643 (10)	IPS2141(15) IPS2142 (15) IPS2143 (15) BMA2141 (15) ECO2141 (15) STA1148 (12) OR MAT 1545 (12)	IPS2241 (15) IPS2242 (15) BIS1241 (12) ECO2241 (15) STA1248 (12) OR MAT1245 (12)
MAT0143 (0)# <b>or</b> MAT0144 (0)#	MAT0244 (0)# <b>or</b> MAT0243 (0)#		
<b>58</b>	<b>58</b>	<b>87</b>	<b>69</b>

**PLEASE NOTE:**

- *Pre-requisites for MAT0144/0244 is at least F (HG) or E (SG) in Matric Mathematics or MAT0143/0243*

- **Pre-requisites for MAT1145 & STA1148 is MAT0144/0644 or at least an E (HG) or D (SG) in Matric Mathematics**
- **Pre-requisites for MAT1245 is MAT1145 and for STA1248 is STA1148**

**TOURISM MANAGEMENT – MSBCTM FROM 2020**

<b>Year 1</b>		<b>Year 2</b>	
<b>Semester 1</b>	<b>Semester 2</b>	<b>Semester 1</b>	<b>Semester 2</b>
TPO1142 (12)	TPO1242 (12)	TPO2142 (15)	TPO2242 (15)
TMA1141 (12)	TMA1241 (12)	TMA2141 (15)	TMA2241 (15)
TMD1141 (12)	TMD1241 (12)	TMD2141 (15)	TMD2241 (15)
ECS1141 (10)	BIS1241 (12)	COL1141 (12)	COL1242 (12)
ACC1141 (12)	ECS1243 (10)	MAT1145 (12)	MAT1245 (12)
<b>or</b>	ACC1241 (12)	<b>or</b>	<b>or</b>
ACC1142 (12)#	ACC1244(12)#	STA1148 (12)	STA1248 (12)
MAT0143 (0)#	MAT0243 (0)#		
<b>or</b>	<b>or</b>		
MAT0144 (0)#	MAT0244 (0)#		
<b>58</b>	<b>70</b>	<b>69</b>	<b>69</b>

**PLEASE NOTE:**

- **Pre-requisites for MAT0144/0244 is at least F (HG) or E (SG) in Matric Mathematics or MAT0143/0243**
- **Pre-requisites for MAT1145 & STA1148 is MAT0144/0644 or at least an E (HG) or D (SG) in Matric Mathematics**
- **Pre-requisites for MAT1245 is MAT1145 and for STA1248 is STA1148**

## MATHEMATICAL AND NATURAL SCIENCES

### DIPLOMA: DIPLOMA IN FRESHWATER TECHNOLOGY [CODE: MNDDFT]

YEAR	SEMESTER	COMPULSORY MODULES	CREDITS
<u>Year 1</u>	1	BIO 1143 (16): BIO 1144 (16): FWT 1141 (16): HWR 1141 (10):	120
	2	BIO 1245 (16): FWT 1241 (16): FWT 1201 (28): COM 0210 (4):	
<u>Year 2</u>	1	FWT 2131 (20): FWT 2132 (20): FWT 2133 (20):	120
	2	FWT 2201 (30): FWT 2202 (30):	
<u>Year 3</u>	1	FWT 3131 (20): FWT 3132 (20): FWT 3133 (20):	120
	2	FWT 3201 (30): FWT 3202 (30):	

**PLEASE NOTE: THERE ARE NO ELECTIVE MODULES IN THIS DIPLOMA**

### **EXTENDED BSc PROGRAMME:**

- a) The following streams are available within the extended BSc degree:
- Extended BSc in BIOCHEMISTRY AND MICROBIOLOGY CODE: MNEBSA
  - Extended BSc in BIOCHEMISTRY AND BIOLOGY CODE: MNEBSD
  - Extended BSc in MICROBIOLOGY AND BOTANY CODE: MNEBSE
  - Extended BSc in MATHEMATICS AND APPLIED MATHEMATICS CODE: MNEBSF
  - Extended BSc in FINANCIAL MATHEMATICS AND APPLIED MATHEMATICS CODE: MNEBSG
  - Extended BSc in MATHEMATICS AND PHYSICS CODE: MNEBSH
  - Extended BSc in MATHEMATICS AND STATISTICS CODE: MNEBSI
  - Extended BSc in PHYSICS AND CHEMISTRY CODE: MNEBSJ
  - Extended BSc in CHEMISTRY AND MATHEMATICS CODE: MNEBSK
  - Extended BSc in CHEMISTRY AND BIOCHEMISTRY CODE: MNEBSL
  - Extended BSc in CHEMISTRY AND APPLIED CHEMISTRY CODE: MNEBSN
  - Extended BSc in BOTANY AND ZOOLOGY CODE: MNEBSO
  - Extended BSc in COMPUTER SCIENCE CODE: MNEBSP
  - Extended BSc in COMPUTER SCIENCE AND MATHEMATICS CODE: MNEBSQ

**Students will after successful completion of the 1<sup>st</sup> year, be allowed to continue in the BSc stream they have registered for.**

**Information on the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> years can be seen under the MAINSTREAM BSc streams in the next section which describe each of the programme and provides detailed descriptions of the modules under each stream.**

YEAR	SEMESTER	COMPULSORY MODULES	CREDITS
<u>Year 1</u>	1	FGS 1140 (12): FIT 1140 (12): FMT 1140 (12): FPH 1140 (12): FCH 1140 (12): FBI 1140 (12):	144
	2	FGS 1240 (12): FIT 1240 (12): FMT 1240 (12): FPH 1240 (12): FCH 1240 (12): FBI 1240 (12):	

**BSc DEGREE LEARNING STREAMS [CREDITS FOR EACH STREAM = 360]:**

The BSc degree in the School of Mathematical and Natural Sciences is a generic degree with the following learning streams in which students can register:

- BSc in BIOCHEMISTRY AND MICROBIOLOGY CODE: MNBBSA
- BSc in BIOCHEMISTRY AND BIOLOGY CODE: MNBBSD
- BSc in MICROBIOLOGY AND BOTANY CODE: MNBBSE
- BSc in MATHEMATICS AND APPLIED MATHEMATICS CODE: MNBBSF
- BSc in FINANCIAL MATHEMATICS AND APPLIED MATHEMATICS CODE: MNBBSG
- BSc in MATHEMATICS AND PHYSICS CODE: MNBBSH
- BSc in MATHEMATICS AND STATISTICS CODE: MNBBSI
- BSc in PHYSICS AND CHEMISTRY CODE: MNBBSJ
- BSc in CHEMISTRY AND MATHEMATICS CODE: MNBBSK
- BSc in CHEMISTRY AND BIOCHEMISTRY CODE: MNBBSL
- BSc in CHEMISTRY AND APPLIED CHEMISTRY CODE: MNBBSN
- BSc in BOTANY AND ZOOLOGY CODE: MNBBSO
- BSc in COMPUTER SCIENCE CODE: MNBBSP
- BSc in COMPUTER SCIENCE AND MATHEMATICS CODE: MNBBSQ

**BSc in BIOCHEMISTRY AND MICROBIOLOGY****CODE: MNBBSA**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<b>Year 1</b> NQF Level 5	1	<b>CHE 1140</b> (16): <b>BIO 1141</b> (16): <b>BIO 1142</b> (16): <b>MAT 1143</b> (8): <b>STA 1149</b> (8): <b>COM 0110</b> (4): <b>ECS 1141</b> (10):	<b>PHY 1125</b> (8):	<b>132</b>
	2	<b>CHE 1221</b> (8): <b>CHE 1222</b> (8): <b>STA 1249</b> (8): <b>BIO 1243</b> (16): <b>COM 0210</b> (4): <b>ECS 1245</b> (10):	<b>MAT 1243</b> (8): <b>PHY 1225</b> (8):	
<b>Year 2</b> NQF Level 6	1	<b>BCM 2121</b> (10): <b>BCM 2122</b> (10): <b>MBY 2121</b> (10): <b>MBY 2122</b> (10): <b>ZOO 2141</b> (16):	<b>BIO 2142</b> (16): <b>BOT 2144</b> (16): <b>CHE 2121</b> (10): <b>CHE 2122</b> (10):	<b>112</b>
	2	<b>BCM 2221</b> (10): <b>BCM 2222</b> (10): <b>MBY 2223</b> (10): <b>MBY 2224</b> (10):	<b>BOT 2245</b> (16): <b>BOT 2249</b> (16): <b>CHE 2220</b> (10): <b>CHE 2223</b> (10): <b>ZOO 2248</b> (16):	

- In year 1:**
- Take modules in total of 8 credits from the elective module list
  - Take either COM 0110 **OR** COM 0210
- In year 2:**
- Take modules in total of 16 credits from the elective module list

**BSc in BIOCHEMISTRY AND BIOLOGY****CODE: MNBBSD**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<u>Year 1</u> NQF Level 5	1	CHE 1140 (16): BIO 1141 (16): BIO 1142 (16): MAT 1143 (8): COM 0110 (4): ECS 1141 (10):	PHY 1125 (8): STA 1149 (8):	120
	2	CHE 1221 (8): CHE 1222 (8): BIO 1243 (16): COM 0210 (4): ECS 1245 (10):	MAT 1243 (8): PHY 1225 (8): STA 1249 (8):	
<u>Year 2</u> NQF Level 6	1	BCM 2121 (10): BCM 2122 (10): BOT 2144 (16): ZOO 2141 (16): ZOO 2144 (16):	NONE	136
	2	BCM 2221(10): BCM 2222 (10): BOT 2245 (16): BOT 2249 (16): ZOO 2248 (16):	NONE	

**In year 1:** - Take modules in total of 8 credits from the elective module list

- Take either COM 0110 **OR** COM 0210

**In year 3:** - Take modules in total of 16 credits from the elective module list

**BSc in MICROBIOLOGY AND BOTANY****CODE: MNBBSE**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<u>Year 1</u> NQF Level 5	1	CHE 1140 (16): BIO 1141 (16): BIO 1142 (16): MAT 1143 (8): STA 1149 (8): COM 0110 (4): ECS 1145 (10):	PHY 1125 (8):	136
	2	CHE 1221 (8): CHE 1222 (8): STA 1249 (8): BIO 1243 (16): COM 0210 (4): ECS 1245 (10):	MAT 1243 (8): PHY 1225 (8):	
<u>Year 2</u> NQF Level 6	1	MBY 2121 (10): MBY 2122 (10): BOT 2144 (16): BIO 2142 (16):	CHE 2121 (10): CHE 2122 (10):	118
	2	MBY 2223 (10): MBY 2224 (10): BOT 2245 (16): BOT 2249 (16):	ZOO 2248 (16): CHE 2220 (10): CHE 2223 (10):	

**In year 1:** - Take modules in total of 8 credits from the elective module list

- Take either COM 0110 **OR** COM 0210

**In year 2:** - Take modules in total of 20 credits from the elective module list

**BSc in MATHEMATICS AND APPLIED MATHEMATICS****CODE: MNBBSF**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<b>Year 1</b> <b>NQF Level 5</b>	1	<b>MAT 1141 (8):</b> <b>MAT 1142 (8):</b> <b>COM 1122 (8):</b> <b>PHY 1121 (8):</b> <b>STA 1142 (8):</b> <b>ECS 1141 (10):</b>	<b>COM 1124 (8):</b> <b>PHY 1122 (8):</b> <b>STA 1141 (8):</b>	<b>124</b>
	2	<b>MAT 1241 (8):</b> <b>MAT 1242 (8):</b> <b>MAT 1246 (8):</b> <b>MAT 1247 (8):</b> <b>ECS 1245 (10):</b>	<b>PHY 1223 (8):</b> <b>PHY 1224 (8):</b> <b>STA 1241 (8):</b> <b>STA 1242 (8):</b>	
	<b>Year module</b>	<b>COM 1321 (16):</b>		
<b>Year 2</b> <b>NQF Level 6</b>	1	<b>MAT 2141 (10):</b> <b>MAT 2142 (10):</b> <b>MAT 2148 (10):</b> <b>STA 2141 (10):</b>	<b>COM 2123 (10):</b> <b>COM 2128 (10):</b> <b>COM 2129 (10):</b> <b>STA 2142 (10):</b>	<b>120</b>
	2	<b>MAT 2241 (10):</b> <b>MAT 2242 (10):</b> <b>MAT 2247 (10):</b> <b>MAT 2248 (10):</b> <b>STA 2241 (10):</b>	<b>COM 2216 (10):</b> <b>COM 2224 (10):</b> <b>COM 2229 (10):</b> <b>STA 2242 (10):</b>	

- In year 1:**
- Take modules in total of 16 credits from the elective module list
  - The compulsory year module must be registered in the 1<sup>st</sup> semester
- In year 2:**
- Take modules in total of 30 credits from the elective module list

**BSc in FINANCIAL MATHEMATICS AND APPLIED MATHEMATICS****CODE: MNBBSG**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<b>Year 1</b> NQF Level 5	1	MAT 1141 (8): MAT 1142 (8): STA 1142 (8): PHY 1121 (8): COM 1122 (8): ECS 1141 (10):	COM 1124 (8): ECO 1141 (12): STA 1141 (8):	124
	2	MAT 1241 (8): MAT 1242 (8): MAT 1246 (8): MAT 1247 (8): ECS 1245 (10):	STA 1241 (8): STA 1242 (8): ECO 1241 (12):	
	Year module	COM 1321 (16):		
<b>Year 2</b> NQF Level 6	1	MAT 2141 (10): MAT 2142 (10): MAT 2148 (10): STA 2141 (10):	COM 2123 (10): COM 2128 (10): COM 2129 (10): ECO 2141 (15): STA 2142 (10):	120
	2	MAT 2241 (10): MAT 2242 (10): MAT 2247 (10): STA 2241 (10):	COM 2216 (10): STA 2242 (10): ECO 2241 (15):	

- In year 1:**
- Take modules in total of 16 credits from the elective module list
  - The compulsory year module must be registered in the 1<sup>st</sup> semester
- In year 2:**
- Take modules in total of 40 credits from the elective module list

**BSc in MATHEMATICS AND PHYSICS****CODE: MNBBSH**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<b>Year 1</b> NQF Level 5	1	PHY 1121 (8): PHY 1122 (8): MAT 1141 (8): MAT 1142 (8): CHE 1140 (16): ECS 1145 (10):	COM 1122 (8): COM 1124 (8): STA 1141 (8): STA 1142 (8):	128
	2	PHY 1223 (8): PHY 1224 (8): MAT 1241 (8): MAT 1242 (8): MAT 1247 (8): ECS 1245 (10):	STA 1241 (8): STA 1242 (8):	
	Year module	COM 1321 (16):		
<b>Year 2</b> NQF Level 6	1	PHY 2121 (10): PHY 2122 (10): MAT 2141 (10): MAT 2142 (10):	MAT 2148 (10): COM 2123 (10): COM 2128 (10): COM 2129 (10): STA 2141 (10):	120
	2	PHY 2223 (10): PHY 2224 (10): MAT 2241 (10): MAT 2242 (10): MAT 2247 (10): MAT 2248 (10):	CHE 2220 (10): CHE 2223 (10): STA 2241 (10):	

- In year 1:**
- Take modules in total of 8 credits from the elective module list
  - The compulsory year module must be registered in the 1<sup>st</sup> semester
- In year 2:**
- Take modules in total of 20 credits from the elective module list

**BSc in MATHEMATICS AND STATISTICS****CODE: MNBBSI**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<b>Year 1</b> NQF Level 5	1	MAT 1141 (8): MAT 1142 (8): PHY 1121 (8): STA 1141 (8): STA 1142 (8): ECS 1145 (10):	COM 1122 (8): COM 1124 (8): PHY 1122 (8):	124
	2	MAT 1241 (8): MAT 1242 (8): STA 1241 (8): STA 1242 (8): ECS 1245 (10):	MAT 1246 (8): MAT 1247 (8): PHY 1223 (8): PHY 1224 (8):	
	Year module	COM 1321 (16):		
<b>Year 2</b> NQF Level 6	1	MAT 2141(10): MAT 2142 (10): STA 2141 (10): STA 2142 (10):	COM 2123 (10): COM 2128 (10): COM 2129 (10): MAT 2148 (10):	120
	2	MAT 2241 (10): MAT 2242 (10): STA 2241 (10): STA 2242 (10):	COM 2216 (10): COM 2224 (10): COM 2229 (10): MAT 2247 (10): MAT 2248 (10):	

**In year 1:**

- Take modules in total of 16 credits from the elective module list
- The compulsory year module must be registered in the 1<sup>st</sup> semester

**In year 2:**

- Take modules in total of 40 credits from the elective module list

**BSc in PHYSICS AND CHEMISTRY****CODE: MNBBSJ**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<b>Year 1</b> NQF Level 5	1	CHE 1140 (16): PHY 1121 (8): PHY 1122 (8): MAT 1141 (8): MAT 1142 (8): COM 0110 (4): ECS 1145 (10):	BIO 1141 (16): BIO 1142 (16): COM 1321 (16): Object Oriented Programming [Please note: this is a year module] STA 1141 (8):	136
	2	CHE 1221 (8): CHE 1222 (8): PHY 1223 (8): PHY 1224 (8): MAT 1241 (8): MAT 1242 (8): COM 0210 (4): ECS 1245 (10):	BIO 1243 (16): STA 1241 (8):	
<b>Year 2</b> NQF Level 6	1	CHE 2121 (10): CHE 2122 (10): PHY 2121 (10): PHY 2122 (10): MAT 2141 (10): MAT 2142 (10):	COM 2123 (10): COM 2128 (10): COM 2129 (10):	120
	2	CHE 2220 (10): CHE 2223 (10): PHY 2223 (10): PHY 2224 (10):	COM 2229 (10): MAT 2241 (10): MAT 2242 (10):	

**In year 1:**

- Take modules in total of 16 credits from the elective module list
- Take either COM 0110 **OR** COM 0210
- Please note that the **COM 1321** module is an elective and a year module which must be registered in the 1<sup>st</sup> semester

**In year 2:**

- Take modules in total of 20 credits from the elective module list

**BSc in CHEMISTRY AND MATHEMATICS****CODE: MNBBSK**

YEAR	SEMESTER	COMPULSAORY MODULES	ELECTIVE MODULES	CREDITS
<u>Year 1</u> NQF Level 5	1	CHE 1140 (16): MAT 1141 (8): MAT 1142 (8): PHY 1121 (8): PHY 1122 (8): COM 0110 (4): ECS 1141 (10):	BIO 1141 (12): BIO 1142 (12): COM 1321 (16): Object Oriented Programming [ <u>Please note: this is a year module</u> ] STA 1141 (8):	136
	2	CHE 1221 (8): CHE 1222 (8): MAT 1241 (8): MAT 1242 (8): PHY 1223 (8): PHY 1224 (8): COM 0210 (4): ECS 1245 (10):	STA 1241 (8): MAT 1247 (8): BIO 1243 (16):	
<u>Year 2</u> NQF Level 6	1	CHE 2121 (10): CHE 2122 (10): MAT 2141 (10): MAT 2142 (10):	COM 2123 (10): COM 2128 (10): COM 2129 (10): PHY 2121 (10): PHY 2122 (10):	120
	2	CHE 2220 (10): CHE 2223 (10): MAT 2241 (10): MAT 2242 (10):	COM 2216 (10): COM 2229 (10): PHY 2223 (10): PHY 2224 (10): MAT 2247 (10):	

- Take either COM 0110 **OR** COM 0210
- Please note that the **COM 1321** module is an elective and a year module which must be registered in the 1<sup>st</sup> semester

**In year 2:** - Take modules in total of 40 credits from the elective module list

**BSc in CHEMISTRY AND BIOCHEMISTRY****CODE: MNBBSL**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<u>Year 1</u> NQF Level 5	1	CHE 1140 (16): MAT 1141 (8): MAT 1142 (8): BIO 1141 (16): BIO 1142 (16): PHY 1125 (8): COM 0110 (4): ECS 1141 (10):	NONE	136
	2	CHE 1221 (8): CHE 1222 (8): MAT 1241 (8): MAT 1242 (8): PHY 1225 (8): COM 0210 (4): ECS 1245 (10):	NONE	
<u>Year 2</u> NQF Level 6	1	BCM 2121 (10): BCM 2122 (10): CHE 2121 (10): CHE 2122 (10): MBY 2121 (10): MBY 2122 (10):	NONE	120
	2	BCM 2221 (10): BCM 2222 (10): CHE 2220 (10): CHE 2223 (10): MBY 2223 (10): MBY 2224 (10):	NONE	

**In year 1:** Take either COM 0110 **OR** COM 0210

**BSc in CHEMISTRY AND APPLIED CHEMISTRY****CODE: MNBBSN**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<b>Year 1</b> NQF Level 5	1	CHE 1140 (16): MAT 1141 (8): MAT 1142 (8): PHY 1121 (8): PHY 1122 (8): COM 0110 (4): ECS 1141 (10):	BIO 1141 (16): BIO 1142 (16): COM 1124 (8): COM 1321 (16): Object Oriented Programming [ <b>Please note: this is a year module</b> ] STA 1141 (8):	136
	2	CHE 1221 (8): CHE 1222 (8): MAT 1241(8): MAT 1242 (8): PHY 1223 (8): PHY 1224 (8): COM 0210 (4): ECS 1245 (10):	BIO 1243 (16): STA 1241 (8):	
<b>Year 2</b> NQF Level 6	1	CHE 2121 (10): CHE 2122 (10): CHE 2124 (10): CHE 2125 (10): PHY 2122 (10):	COM 2123 (10): COM 2128 (10): COM 2129 (10): MAT 2141 (10): MAT 2142 (10): MBY 2121 (10): PHY 2121 (10):	120
	2	CHE 2220 (10): CHE 2223 (10): CHE 2226 (10): CHE 2229 (10) : PHY 2224 (10):	COM 2229 (10): MAT 2241 (10): MAT 2242 (10): PHY 2223 (10): MBY 2223 (10):	

**In year 1:**

- Take modules in total of 16 credits from the elective module list
- Take either COM 0110 **OR** COM 0210
- Please note that the **COM 1321** module is an elective and a year module which must be registered in the 1<sup>st</sup> semester

**In year 2:** - Take modules in total of 20 credits from the elective module list

**BSc in BOTANY AND ZOOLOGY****CODE: MNBBSO**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<b>Year 1</b> NQF Level 5	1	BIO 1141 (16): BIO 1142 (16): CHE 1140 (16): MAT 1143 (8): PHY 1125 (8): STA 1149 (8): COM 0110 (4): ECS 1141 (10):	NONE	132
	2	BIO 1243 (16): PHY 1225 (8): MAT 1243 (8): STA 1249 (8): COM 0210 (4): ECS 1245 (10):	NONE	
<b>Year 2</b> NQF Level 6	1	BIO 2142 (16): BOT 2144 (16): ZOO 2141 (16): ZOO 2144 (16):	NONE	128
	2	BIO 2246 (16): BOT 2245 (16): BOT 2249 (16): ZOO 2248 (16):	NONE	
<b>Year 3</b> NQF Level 7	1	BOT 3148 (10): BIO 3144 (16): BOT 3143 (10): ZOO 3141 (16):	NONE	118
	2	BIO 3246 (16): BOT 3241 (10): BOT 3246 (10): BOT 3247 (10): ZOO 3249 (20):	NONE	

**In year 1:** Take either COM 0110 **OR** COM 0210

**BSc in COMPUTER SCIENCE****CODE: MNBBSP**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<u>Year 1</u> NQF Level 5	1	COM 1122 (8): COM 1124 (8): MAT 1141 (8): MAT 1142 (8): ECS 1141 (10):	PHY 1121 (8): PHY 1122 (8): STA 1141 (8):	138
	2	COM1226 (8): MAT1241 (8): MAT1242 (8): ECS 1245 (10):	PHY 1223 (8): PHY 1224 (8): STA 1241 (8):	
	Year module	COM 1321 (16):		
<u>Year 2</u> NQF Level 6	1	COM 2120 (10): COM 2123 (10): COM 2125 (10): COM 2126 (10): COM 2128 (10): COM 2129 (10):	NONE	120
	2	COM 2216 (10): COM 2224 (10): COM 2226 (10): COM 2228 (10): COM 2229 (10):	NONE	
	Year module	COM 2301 (10):		

**In year 1:**

- Take modules in total of 32 credits from the elective module list
- The compulsory year module must be registered in the 1<sup>st</sup> semester

**In year 2:** The compulsory year module must be registered in the 1<sup>st</sup> semester

**BSc in COMPUTER SCIENCE AND MATHEMATICS****CODE: MNBBSQ**

YEAR	SEMESTER	COMPULSORY MODULES	ELECTIVE MODULES	CREDITS
<u>Year 1</u> NQF Level 5	1	COM 1122 (8): COM 1124 (8): MAT 1141 (8): MAT 1142 (8): STA 1142 (8): ECS 1141 (10):	PHY 1121 (8): PHY 1122 (8): STA 1141 (8):	132
	2	MAT 1241 (8): MAT 1242 (8): COM 1226 (8): ECS 1245 (10):	MAT 1247 (8): PHY 1223 (8): PHY 1224 (8): STA 1241 (8):	
	Year module	COM 1321 (16):		
<u>Year 2</u> NQF Level 6	1	COM 2123 (10): COM 2129 (10): MAT 2141 (10): MAT 2142 (10): MAT 2148 (10):	COM 2120 (10): COM 2125 (10): COM 2126 (10): COM 2128 (10): STA 2141 (10):	120
	2	COM 2224 (10): COM 2226 (10): MAT 2241 (10): MAT 2242 (10):	COM 2216 (10): COM 2228 (10): COM 2229 (10): STA 2241 (10):	
	Year module	COM 2301 (10):	MAT 2247 (10):	

**In year 1:**

- Take modules in total of 32 credits from the elective module list
- The compulsory year module must be registered in the 1<sup>st</sup> semester