

# **CALENDAR 2010**

FACULTY OF HEALTH SCIENCES  
UNDERGRADUATE DEGREES  
AND DIPLOMAS

**Potchefstroom Campus**

Direct all correspondence to

The Registrar  
North-West University  
Potchefstroom campus  
Private Bag X6001  
Potchefstroom  
2520

Tel: (018)299-1111/2222

Fax: (018)299-2799

Internet: <http://www.nwu.ac.za>

YOUR UNIVERSITY NUMBER SHOULD BE QUOTED IN ALL CORRESPONDENCE.

The General Academic Rules of the University to which all students should subject themselves and which are applicable to all the qualifications offered by the University, are published in a separate volume, which is also available on the web page:  
<http://www.nwu.ac.za/calendar/index.html>.

**Note:** Although the information in this Calendar is compiled as accurately as possible the Council and Senate of the University do not accept any responsibility for any inaccuracies that may occur in it. In particular it remains every student's responsibility to make absolutely sure of the class timetable and possible clashes of classes before deciding on the choice of modules. If a clash should occur in the proposed choice, the particular combination of modules is inadmissible.

## Contents

<b>G.1</b>	<b>FACULTY RULES.....</b>	<b>1</b>
<b>G.1.1</b>	<b>AUTHORITY OF THE A-RULES.....</b>	<b>1</b>
<b>G.1.2</b>	<b>SPECIFIC FACULTY RULES.....</b>	<b>1</b>
G.1.2.1	Interim rules for the new outlined programmes in 2010 .....	1
G.1.2.2	Enlistment according to time tables .....	2
<b>G.1.3</b>	<b>WARNING AGAINST PLAGIARISM.....</b>	<b>2</b>
<b>G.1.4</b>	<b>CAPACITY DETERMINATION.....</b>	<b>2</b>
<b>G.1.5</b>	<b>SCHOOLS IN THE FACULTY .....</b>	<b>2</b>
<b>G.1.6</b>	<b>QUALIFICATIONS, PROGRAMMES AND CURRICULA.....</b>	<b>3</b>
<b>G.1.7</b>	<b>MODULES AND CREDITS.....</b>	<b>5</b>
<b>G.1.8</b>	<b>RELATION BETWEEN CREDITS AND TEACHING PERIODS .....</b>	<b>6</b>
<b>G.1.9</b>	<b>RECOGNITION OF PREVIOUS LEARNING .....</b>	<b>6</b>
<b>G.1.10</b>	<b>REGISTRATION .....</b>	<b>6</b>
<b>G.1.11</b>	<b>ADMISSION REQUIREMENTS FOR UNDERGRADUATE STUDIES IN 2010.....</b>	<b>7</b>
G.1.11.1	General Admission requirements.....	7
G.1.11.2	Admission requirements with regard to Cambridge and other educational systems.....	11
<b>G.1.12</b>	<b>EVALUATION OF ACADEMIC LANGUAGE PROFICIENCY .....</b>	<b>12</b>
<b>G.1.13</b>	<b>REGISTRATION FOR ADDITIONAL MODULES .....</b>	<b>13</b>
<b>G.1.14</b>	<b>TEACHER'S TRAINING .....</b>	<b>13</b>
<b>G.1.15</b>	<b>EXAMINATION .....</b>	<b>14</b>
G.1.15.1	Examination opportunities.....	14
G.1.15.2	Composition of the participation mark .....	15
G.1.15.3	Admission to the examination .....	15
G.1.15.4	Relation between credit marks and examination papers .....	15
G.1.15.5	Module mark .....	15
G.1.15.6	Pass requirements for a curriculum and module.....	15
G.1.15.7	Progress in a curriculum based on assumed learning .....	16
G.1.15.8	Termination of study.....	16
<b>G.1.16</b>	<b>EXPLANATION OF THE ASSUMED STUDY REQUIREMENT IN THE LIST OF MODULES .....</b>	<b>16</b>

<b>G.2</b>	<b>RULES FOR THE DIPLOMA IN SPORT SCIENCE .....</b>	<b>17</b>
<b>G.2.1</b>	<b>QUALIFICATION AND PROGRAMME CODE: 832 100 (FULL TIME) .....</b>	<b>17</b>
<b>G.2.2</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATION).....</b>	<b>17</b>
<b>G.2.3</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION.....</b>	<b>17</b>
<b>G.2.4</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS .....</b>	<b>17</b>
<b>G.2.5</b>	<b>PROGRAMME: SPORT SCIENCE .....</b>	<b>17</b>
G.2.5.1	Admission requirements for the programme .....	17
G.2.5.2	Specific Faculty requirements .....	18
G.2.5.3	List of Modules 832 100 G101P.....	18
G.2.5.4	<b>Curriculum: Sport Science (G101P) .....</b>	<b>19</b>
G.2.5.4.1	Curriculum outcomes .....	19
G.2.5.4.2	Specific Faculty rules for the curriculum .....	19
G.2.5.4.3	Compilation of the curriculum: Sport Science .....	20
<b>G.3</b>	<b>RULES FOR THE DEGREE BACHELOR OF ARTS .....</b>	<b>21</b>
<b>G.3.1</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATION) .....</b>	<b>21</b>
<b>G.3.2</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION.....</b>	<b>21</b>
<b>G.3.3</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS .....</b>	<b>21</b>
<b>G.3.4</b>	<b>PROGRAMME: HEALTH SCIENCES.....</b>	<b>21</b>
G.3.4.1	Qualification and programme code: 100 167 .....	21
G.3.4.2	Admission requirements for the program .....	22
G.3.4.3	Specific Faculty requirements .....	22
G.3.4.4	List of Modules 100 167 G301P, G302P, G303P .....	22
G.3.4.5	<b>Curriculum: Human Movement Science en Psychology (G301P) .....</b>	<b>24</b>
G.3.4.5.1	Curriculum outcomes .....	24
G.3.4.5.2	Specific Faculty rules for Curriculum.....	24
G.3.4.5.3	Compilation of Curriculum: Human Movement Science and Psychology .....	25
G.3.4.6	<b>Curriculum: Recreation Science and Psychology (G302P) .....</b>	<b>25</b>
G.3.4.6.1	Curriculum outcomes .....	25
G.3.4.6.2	Specific Faculty rules for Curriculum.....	26
G.3.4.6.3	Compilation of Curriculum: Recreation Science and Psychology .....	26
G.3.4.7	<b>Curriculum: Recreation Science and Tourism Management (G303P).....</b>	<b>26</b>
G.3.4.7.1	Curriculum outcomes .....	26

G.3.4.7.2	Specific Faculty rules for Curriculum.....	27
G.3.4.7.3	Compilation of Curriculum: Recreation Science and Tourism Management .....	27
<b>G.3.5</b>	<b>PROGRAMME: SOCIAL WORK AND PSYCHOLOGY.....</b>	<b>28</b>
G.3.5.1	Qualification and programme code: 100 168 .....	28
G.3.5.2	Admission requirements for the program .....	28
G.3.5.3	Specific Faculty requirements .....	28
G.3.5.4	List of Modules 100 131 G301P - phasing out from 2009.....	28
G.3.5.5	List of Modules 100 168 G301P - new aligned programme from 2010 .....	30
G.3.5.6	<b>Curriculum: Social Work and Psychology (G301P) .....</b>	<b>31</b>
G.3.5.6.1	Curriculum outcomes .....	31
G.3.5.6.2	Specific Faculty rules for Curriculum.....	31
G.3.5.6.3	Compilation of Curriculum: Social Work and Psychology .....	31
<b>G.3.6</b>	<b>PROGRAMME: PSYCHOLOGY AND AFRIKAANS &amp; DUTCH .....</b>	<b>34</b>
G.3.6.1	Qualification and programme code: 100 169 .....	34
G.3.6.2	Admission requirements for the program .....	34
G.3.6.3	Specific Faculty requirements .....	34
G.3.6.4	List of Modules 100 169 G301P .....	35
G.3.6.5	<b>Curriculum: Psychology and Afrikaans &amp; Dutch (G301P) .....</b>	<b>37</b>
G.3.6.5.1	Curriculum outcomes .....	37
G.3.6.5.2	Specific Faculty rules for Curriculum.....	37
G.3.6.5.3	Compilation of Curriculum: Psychology and Afrikaans & Dutch.....	37
<b>G.3.7</b>	<b>PROGRAMME: PSYCHOLOGY AND LABOUR RELATIONS .....</b>	<b>38</b>
G.3.7.1	Qualification and programme code: 100 170 .....	38
G.3.7.2	Admission requirements for the program .....	38
G.3.7.3	Specific Faculty requirements .....	38
G.3.7.4	List of Modules 100 170 G301P .....	39
G.3.7.5	<b>Curriculum: Psychology and Labour Relations (G301P) .....</b>	<b>40</b>
G.3.7.5.1	Curriculum outcomes .....	40
G.3.7.5.2	Specific Faculty rules for Curriculum.....	40
G.3.7.5.3	Compilation of Curriculum: Psychology and Labour Relations .....	40
<b>G.3.8</b>	<b>PROGRAMME: PSYCHOLOGY AND ENGLISH.....</b>	<b>41</b>
G.3.8.1	Qualification and programme code: 100 171 .....	41
G.3.8.2	Admission requirements for the program .....	41
G.3.8.3	Specific Faculty requirements .....	41
G.3.8.4	List of Modules 100 171 G301P .....	42
G.3.8.5	<b>Curriculum: Psychology and English (G301P).....</b>	<b>44</b>

G.3.8.5.1	Curriculum outcomes .....	44
G.3.8.5.2	Specific Faculty rules for Curriculum.....	44
G.3.8.5.3	Compilation of Curriculum: Psychology and English.....	44
<b>G.3.9</b>	<b>PROGRAM: PSYCHOLOGY AND GEOGRAPHY &amp; ENVIRONMENT STUDIES .....</b>	<b>45</b>
G.3.9.1	Qualification and programme code: 100 172 .....	45
G.3.9.2	Admission requirements for the program .....	45
G.3.9.3	Specific Faculty requirements .....	45
G.3.9.4	List of Modules 100 172 G301P.....	45
G.3.9.5	<b>Curriculum: Psychology and Geography &amp; Environment studies (G301P).....</b>	<b>47</b>
G.3.9.5.1	Curriculum outcomes .....	47
G.3.9.5.2	Specific Faculty rules for Curriculum.....	47
G.3.9.5.3	Compilation of Curriculum: Psychology and Geography & Environment studies.....	47
<b>G.3.10</b>	<b>PROGRAMME: PSYCHOLOGY AND SETSWANA .....</b>	<b>48</b>
G.3.10.1	Qualification and programme code: 100 173 .....	48
G.3.10.2	Admission requirements for the program .....	48
G.3.10.3	Specific Faculty requirements .....	48
G.3.10.4	List of Modules 100 173 G301P.....	49
G.3.10.5	<b>Curriculum: Psychology and Setswana (G301P) .....</b>	<b>51</b>
G.3.10.5.1	Curriculum outcomes .....	51
G.3.10.5.2	Specific Faculty rules for Curriculum.....	51
G.3.10.5.3	Compilation of Curriculum: Psychology and Setswana.....	51
<b>G.3.11</b>	<b>PROGRAMME: PSYCHOLOGY AND SOCIOLOGY .....</b>	<b>52</b>
G.3.11.1	Qualification and programme code: 100 174 .....	52
G.3.11.2	Admission requirements for the programme .....	52
G.3.11.3	Specific Faculty requirements .....	52
G.3.11.4	List of Modules 100 174 G301P.....	52
G.3.11.5	<b>Curriculum: Psychology and Sociology (G301P) .....</b>	<b>53</b>
G.3.11.5.1	Curriculum outcomes .....	53
G.3.11.5.2	Specific Faculty rules for Curriculum.....	53
G.3.11.5.3	Compilation of Curriculum: Psychology and Sociology.....	54
<b>G.3.12</b>	<b>PROGRAMME: PSYCHOLOGY AND TOURISM MANAGEMENT .....</b>	<b>55</b>
G.3.12.1	Qualification and programme code: 100 175 .....	55
G.3.12.2	Admission requirements for the program .....	55
G.3.12.3	Specific Faculty requirements .....	55
G.3.12.4	List of Modules 100 175 G301P.....	56
G.3.12.5	<b>Curriculum: Psychology and Tourism Management (G301P) .....</b>	<b>57</b>

G.3.12.5.1	Curriculum outcomes .....	57
G.3.12.5.2	Specific Faculty rules for Curriculum.....	57
G.3.12.5.3	Compilation of Curriculum: Psychology and Tourism Management .....	58
<b>G.4</b>	<b>RULES FOR THE DEGREE BACHELOR OF ARTS (SPORT-, HEALTH- AND LEISURE SCIENCE).....</b>	<b>59</b>
<b>G.4.1</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATION) .....</b>	<b>59</b>
<b>G.4.2</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION.....</b>	<b>59</b>
<b>G.4.3</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS .....</b>	<b>59</b>
<b>G.4.4</b>	<b>PROGRAMME: HUMAN MOVEMENT SCIENCE AND RECREATION SCIENCE .....</b>	<b>59</b>
G.4.4.1	Qualification and programme code: 843 100 .....	59
G.4.4.2	Admission requirements for the programme .....	60
G.4.4.3	Specific Faculty requirements .....	60
G.4.4.4	List of Modules 843 100 G316P.....	60
G.4.4.5	<b>Curriculum: Human Movement Science and Recreation Science (G316P).....</b>	<b>61</b>
G.4.4.5.1	Curriculum outcomes .....	61
G.4.4.5.2	Specific Faculty rules for Curriculum.....	62
G.4.4.5.3	Compilation of Curriculum: Human Movement Science and Recreation Science .....	63
<b>G.5</b>	<b>RULES FOR THE DEGREE : BACHELOR OF SCIENCE .....</b>	<b>64</b>
<b>G.5.1</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATION) .....</b>	<b>64</b>
<b>G.5.2</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION.....</b>	<b>64</b>
<b>G.5.3</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS .....</b>	<b>64</b>
<b>G.5.4</b>	<b>PROGRAMME: BIOLOGICAL SCIENCES.....</b>	<b>64</b>
G.5.4.1	Qualification and programme code: 200 112 .....	64
G.5.4.2	Admission requirements for the programme .....	66
G.5.4.3	Specific Faculty requirements .....	66
G.5.4.4	List of Modules 200 112 G301P, G302P, G303P, G304P, G305P, G306P .....	66
G.5.4.5	<b>Curriculum: Physiology and Biochemistry (G301P).....</b>	<b>69</b>
G.5.4.5.1	Curriculum outcomes .....	69
G.5.4.5.2	Specific Faculty rules for Curriculum.....	69
G.5.4.5.3	Compilation of Curriculum: Physiology and Biochemistry .....	70
G.5.4.6	<b>Curriculum: Physiology and Chemistry (G302P) .....</b>	<b>70</b>

G.5.4.6.1	Curriculum outcomes .....	70
G.5.4.6.2	Specific Faculty rules for Curriculum.....	70
G.5.4.6.3	Compilation of Curriculum: Physiology and Chemistry .....	71
G.5.4.7	<b>Curriculum: Physiology and Zoology (G303P)</b> .....	71
G.5.4.7.1	Curriculum outcomes .....	71
G.5.4.7.2	Specific Faculty rules for Curriculum.....	71
G.5.4.7.3	Compilation of Curriculum: Physiology and Zoology.....	72
G.5.4.8	<b>Curriculum: Physiology and Microbiology (G304P)</b> .....	72
G.5.4.8.1	Curriculum outcomes .....	72
G.5.4.8.2	Specific Faculty rules for Curriculum.....	72
G.5.4.8.3	Compilation of Curriculum: Physiology and Microbiology .....	73
G.5.4.9	<b>Curriculum: Psychology and Computer Science and Information Systems (G305P)</b> .....	73
G.5.4.9.1	Curriculum outcomes .....	73
G.5.4.9.2	Specific Faculty rules for Curriculum.....	73
G.5.4.9.3	Compilation of Curriculum: Psychology and Computer Science and Information Systems .....	74
G.5.4.10	<b>Curriculum: Psychology and Mathematics (G306P)</b> .....	74
G.5.4.10.1	Curriculum outcomes .....	74
G.5.4.10.2	Specific Faculty rules for Curriculum.....	74
G.5.4.10.3	Compilation of Curriculum: Psychology and Mathematics .....	75
<b>G.5.5</b>	<b>PROGRAMME: HEALTH SCIENCES</b> .....	<b>76</b>
G.5.5.1	Qualification and programme code: 200 186 .....	76
G.5.5.2	Admission requirements for the programme .....	76
G.5.5.3	Specific Faculty requirements .....	76
G.5.5.4	List of Modules 200 186 G301P, G302P.....	76
G.5.5.5	<b>Curriculum: Physiology and Psychology (G301P)</b> .....	78
G.5.5.5.1	Curriculum outcomes .....	78
G.5.5.5.2	Specific Faculty rules for Curriculum.....	78
G.5.5.5.3	Compilation of Curriculum: Physiology and Psychology .....	79
G.5.5.6	<b>Curriculum: Nutrition and Physiology (G302P)</b> .....	79
G.5.5.6.1	Curriculum outcomes .....	79
G.5.5.6.2	Specific Faculty rules for Curriculum.....	79
G.5.5.6.3	Compilation of Curriculum: Nutrition and Physiology .....	80
<b>G.5.6</b>	<b>PROGRAMME: HUMAN MOVEMENT SCIENCE AND PHYSIOLOGY</b> .....	<b>81</b>
G.5.6.1	Qualification and programme code: 200 187 .....	81
G.5.6.2	Admission requirements for the program .....	81
G.5.6.3	Specific Faculty requirements .....	81



G.5.6.4	List of Modules 200 187 G301P.....	82
G.5.6.5	<b>Curriculum: Human Movement Science and Physiology (G301P)</b> .....	83
G.5.6.5.1	Curriculum outcomes .....	83
G.5.6.5.2	Specific Faculty rules for Curriculum.....	83
G.5.6.5.3	Compilation of Curriculum: Human Movement Science and Physiology.....	84
<b>G.5.7</b>	<b>PROGRAMME: HUMAN MOVEMENT SCIENCE AND NUTRITION .....</b>	<b>85</b>
G.5.7.1	Qualification and programme code: 200 188 .....	85
G.5.7.2	Admission requirements for the program .....	85
G.5.7.3	Specific Faculty requirements .....	85
G.5.7.4	List of Modules 200 188 G301P.....	85
G.5.7.5	<b>Curriculum: Human Movement Science and Nutrition (G301P)</b> .....	87
G.5.7.5.1	Curriculum outcomes .....	87
G.5.7.5.2	Specific Faculty rules for Curriculum.....	87
G.5.7.5.3	Compilation of Curriculum: Human Movement Science and Nutrition .....	88
<b>G.5.8</b>	<b>PROGRAMME: PSYCHOLOGY AND NUTRITION .....</b>	<b>88</b>
G.5.8.1	Qualification and programme code: 200 189 .....	88
G.5.8.2	Admission requirements for the programme .....	89
G.5.8.3	Specific Faculty requirements .....	89
G.5.8.4	List of Modules 200 189 G301P.....	89
G.5.8.5	<b>Curriculum: Psychology and Nutrition (G301P)</b> .....	90
G.5.8.5.1	Curriculum outcomes .....	90
G.5.8.5.2	Specific Faculty rules for Curriculum.....	90
G.5.8.5.3	Compilation of Curriculum: Psychology and Nutrition .....	91
<b>G.6</b>	<b>RULES FOR THE DEGREE BACHELOR OF SCIENCE IN CONSUMER SCIENCES .....</b>	<b>92</b>
<b>G.6.1</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATION) .....</b>	<b>92</b>
<b>G.6.2</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION.....</b>	<b>92</b>
<b>G.6.3</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS .....</b>	<b>92</b>
<b>G.6.4</b>	<b>PROGRAMME: CONSUMER SCIENCES .....</b>	<b>93</b>
G.6.4.1	Qualification and programme code: 845 100 .....	93
G.6.4.2	Admission requirements for the programme .....	93
G.6.4.3	Specific Faculty requirements .....	93
G.6.4.4	List of Modules 845 100 G301P, G302P.....	93
G.6.4.5	<b>Curriculum: Consumer Sciences with Business Management (G301P)</b> .....	94
G.6.4.5.1	Curriculum outcomes .....	94

G.6.4.5.2	Specific Faculty rules for Curriculum.....	95
G.6.4.5.3	Compilation of Curriculum: Consumer Sciences with Business Management.....	95
G.6.4.6	<b>Curriculum: Consumer Sciences with Tourism Management (G302P)</b> .....	96
G.6.4.6.1	Curriculum outcomes .....	96
G.6.4.6.2	Specific Faculty rules for Curriculum.....	96
G.6.4.6.3	Compilation of Curriculum: Consumer Sciences with Tourism .....	97
<b>G.7</b>	<b>RULES FOR THE DEGREE BACHELOR OF SOCIAL WORK .....</b>	<b>98</b>
<b>G.7.1</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATION) .....</b>	<b>98</b>
<b>G.7.2</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION .....</b>	<b>98</b>
<b>G.7.3</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS .....</b>	<b>98</b>
<b>G.7.4</b>	<b>PROGRAMME: SOCIAL WORK .....</b>	<b>99</b>
G.7.4.1	Qualification and programme code: 111 101 .....	99
G.7.4.2	Admission requirements for the program .....	100
G.7.4.3	Specific Faculty requirements .....	100
G.7.4.4	List of Modules 111 101 G401P - phasing out from 2009.....	100
G.7.4.5	List of Modules 111 101 G402P - phasing in from 2010 .....	102
G.7.4.6	<b>Curriculum: Social Work (G402P)</b> .....	104
G.7.4.6.1	Curriculum outcomes .....	104
G.7.4.6.2	Specific Faculty rules for Curriculum.....	104
G.7.4.6.3	Compilation of Curriculum: Social Work.....	105
<b>G.8</b>	<b>RULES FOR THE DEGREE BACCALAUREUS PHARMACIAE.....</b>	<b>107</b>
<b>G.8.1</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATRION).....</b>	<b>107</b>
<b>G.8.2</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION.....</b>	<b>107</b>
G.8.2.1	For students who obtained a suitable matriculation certificate before 2009: .....	107
G.8.2.2	For students who obtained a suitable matriculation certificate in 2009 and afterwards: .....	107
<b>G.8.3</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS .....</b>	<b>108</b>
<b>G.8.4</b>	<b>PROGRAMME: PHARMACIAE .....</b>	<b>108</b>
G.8.4.1	Qualification and programme code: 800 101 .....	108
G.8.4.2	Admission requirements for the program .....	108
G.8.4.3	Specific Faculty requirements .....	109
G.8.4.4	List of Modules 800 101 G411P - phasing out from 2009.....	109

G.8.4.5	List of Modules 800 101 G412P - phasing in from 2010 .....	111
G.8.4.6	<b>Curriculum: Pharmaciae (G412P)</b> .....	113
G.8.4.6.1	Curriculum outcomes .....	113
G.8.4.6.2	Specific Faculty rules for Curriculum.....	114
G.8.4.6.3	Compilation of Curriculum: Pharmaciae.....	115
<b>G.9</b>	<b>RULES FOR THE DEGREE BACHELOR OF SCIENCE (DIETETICS)</b> .....	<b>118</b>
<b>G.9.1</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATION)</b> .....	<b>118</b>
<b>G.9.2</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION</b> .....	<b>118</b>
<b>G.9.3</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS</b> .....	<b>118</b>
<b>G.9.4</b>	<b>PROGRAM: DIETETICS</b> .....	<b>119</b>
G.9.4.1	Qualification and programme code: 206 101 .....	119
G.9.4.2	Admission requirements for the program .....	119
G.9.4.3	Specific Faculty requirements .....	119
G.9.4.4	List of Modules 206 101 G431P.....	119
G.9.4.5	<b>Curriculum: Dietetics (G431P)</b> .....	121
G.9.4.5.1	Curriculum outcomes .....	121
G.9.4.5.2	Specific Faculty rules for Curriculum.....	121
G.9.4.5.3	Compilation of Curriculum: Dietetics .....	122
<b>G.10</b>	<b>RULES FOR THE DEGREE BACHELOR OF SCIENCE (NUTRITION)</b> .....	<b>123</b>
<b>G.10.1</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATION)</b> .....	<b>123</b>
<b>G.10.2</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION</b> .....	<b>123</b>
<b>G.10.3</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS</b> .....	<b>123</b>
<b>G.10.4</b>	<b>PROGRAM: NUTRITION SCIENCE</b> .....	<b>124</b>
G.10.4.1	Qualification and programme code: 286 100 .....	124
G.10.4.2	Admission requirements for the program .....	124
G.10.4.3	Specific Faculty requirements .....	124
G.10.4.4	List of Modules 286 100 G401P.....	124
G.10.4.5	<b>Curriculum: Nutrition Science (G401P)</b> .....	126
G.10.4.5.1	Curriculum outcomes .....	126
G.10.4.5.2	Specific Faculty rules for Curriculum.....	126
G.10.4.5.3	Compilation of Curriculum: Nutrition Science.....	127
<b>G.11</b>	<b>RULES FOR THE DEGREE BACCALAUREUS CURATIONIS</b> .....	<b>128</b>

<b>G.11.1</b>	<b>DURATION (MINIMUM AND MAXIMUM DURATION) .....</b>	<b>128</b>
<b>G.11.2</b>	<b>ADMISSION REQUIREMENTS FOR THE QUALIFICATION.....</b>	<b>128</b>
<b>G.11.3</b>	<b>SPECIFIC FACULTY ADMISSION REQUIREMENTS .....</b>	<b>128</b>
<b>G.11.4</b>	<b>PROGRAM: NURSING SCIENCE.....</b>	<b>129</b>
G.11.4.1	Qualification and programme code: 120 101 .....	129
G.11.4.2	Admission requirements for the program .....	129
G.11.4.3	Specific Faculty requirements .....	129
G.11.4.4	List of Modules 120 101 G407P.....	129
G.11.4.5	<b>Curriculum: General, Psychiatric, Midwifery and Community Nursing Science (G407P) .....</b>	<b>131</b>
G.11.4.5.1	Curriculum outcomes .....	131
G.11.4.5.2	Specific Faculty rules for Curriculum.....	132
G.11.4.5.3	Compilation of Curriculum: General-, Psychiatric-, Midwifery- and Community Nursing Science.....	132
<b>G.12</b>	<b>RULES FOR THE BACCALAUREUS CURATIONIS (EDUCATIONIS ET ADMINISTRATIONIS) .....</b>	<b>134</b>
<b>G.12.1</b>	<b>MODULES AND CREDITS.....</b>	<b>134</b>
<b>G.12.2</b>	<b>RATIO BETWEEN CREDITS AND TEACHING PERIODS .....</b>	<b>134</b>
<b>G.12.3</b>	<b>RECOGNITION OF PRIOR LEARNING.....</b>	<b>134</b>
<b>G.12.4</b>	<b>REGISTRATION .....</b>	<b>134</b>
<b>G.12.5</b>	<b>DURATION OF STUDY .....</b>	<b>135</b>
<b>G.12.6</b>	<b>PROGRAMME : NURSING/HEALTH SCIENCE.....</b>	<b>135</b>
G.12.6.1	ADMISSION REQUIREMENTS .....	135
G.12.6.2	LIST OF MODULES .....	136
G.12.6.3	Curriculum : Health Science Education and Health Service Management .....	136
G.12.6.3.1	Curriculum outcomes .....	136
G.12.6.3.2	Articulation and exit point .....	137
G.12.6.3.3	Additional rules.....	137
G.12.6.3.4	<b>Curriculum G318T : Health Science Education and Health Service Management .....</b>	<b>137</b>
G.12.6.4	EXAMINATION .....	138
G.12.6.4.1	Examination occasions .....	138
G.12.6.4.2	Composition of participation mark.....	138
G.12.6.4.3	Admission to the examination .....	138
G.12.6.4.4	Module mark .....	138
G.12.6.4.5	Pass requirements of a module and a curriculum.....	138

G.12.6.4.6	Progress in a programme and curriculum based on assumed learning outcomes.....	139
G.12.6.4.7	Termination of studies.....	139
<b>G.13</b>	<b>MODULE OUTCOMES.....</b>	<b>140</b>
<b>G.13.1</b>	<b>LINKED MODULES IN OTHER FACULTIES .....</b>	<b>140</b>
G.13.1.1	FACULTY OF ECONOMIC AND BUSINESS MANAGEMENT SCIENCES.....	140
G.13.1.2	FACULTY OF ART.....	140
G.13.1.3	FACULTY OF NATURAL SCIENCE .....	140
<b>G.13.2</b>	<b>PRESCRIBED MODULES.....</b>	<b>140</b>
<b>G.13.3</b>	<b>MODULES FROM OTHER FACULTIES SPECIFICALLY AIMED FOR HEALTH SCIENCES.....</b>	<b>144</b>
G.13.3.1	Biochemistry.....	144
G.13.3.1.1	Modules phasing out from 2009.....	144
G.13.3.1.2	Modules applicable from 2010 .....	144
G.13.3.2	Chemistry .....	146
G.13.3.2.1	Modules applicable from 2010 .....	146
G.13.3.3	Zoology / Botany .....	147
G.13.3.3.1	Modules applicable from 2010 .....	147
G.13.3.4	Physics.....	148
G.13.3.4.1	Modules applicable from 2010 .....	148
G.13.3.5	Microbiology .....	148
G.13.3.5.1	Modules applicable from 2010 .....	148
G.13.3.5.2	Sociology.....	150
<b>G.13.4</b>	<b>MODULES FACULTY OF HEALTH SCIENCES .....</b>	<b>150</b>
G.13.4.1	<b>SCHOOL OF BIOKINETICS, RECREATION AND SPORT SCIENCE.....</b>	<b>150</b>
G.13.4.1.1	Anatomy .....	150
G.13.4.1.2	Human Movement Science .....	151
G.13.4.1.3	Recreation Science .....	158
G.13.4.1.4	Sport Science.....	161
G.13.4.2	<b>SCHOOL OF PHARMACY .....</b>	<b>168</b>
G.13.4.2.1	Pharmacology .....	168
G.13.4.2.2	Pharmaceutical Chemistry .....	172
G.13.4.2.3	Pharmaceutics .....	174
G.13.4.2.4	Pharmacy Practise .....	180
G.13.4.2.5	Clinical Pharmacy .....	186
G.13.4.3	<b>SCHOOL OF PHYSIOLOGY, NUTRITION AND CONSUMER SCIENCES.....</b>	<b>189</b>

G.13.4.3.1	Physiology.....	189
G.13.4.3.2	Dietetics / Nutrition Science .....	196
G.13.4.3.3	Consumer Sciences .....	207
G.13.4.4	<b>SCHOOL OF PSYCHO-SOCIAL BEHAVIOUR SCIENCES .....</b>	<b>215</b>
G.13.4.4.1	Social Work .....	215
G.13.4.4.2	Psychology .....	234
G.13.4.5	<b>SCHOOL OF NURSING SCIENCE .....</b>	<b>239</b>
G.13.4.5.2	Physiology.....	239
G.13.4.5.3	Fundamental Nursing Science.....	240
G.13.4.5.4	Community Nursing Science.....	241
G.13.4.5.5	Minor Disorders.....	244
G.13.4.5.6	Health Service Management.....	245
G.13.4.5.7	Lifestyle Enrichment.....	245
G.13.4.5.8	Professional Practice .....	246
G.13.4.5.9	Psychiatric Nursing Science.....	246
G.13.4.5.10	Specialization Nursing Science.....	248
G.13.4.5.11	Obstetric Nursing Science.....	249
G.13.4.5.12	Nursing Research .....	251
<b>G.13.5</b>	<b>MODULE OUTCOMES OF BACCALAUREUS CURATIONIS (EDUCATIONIS ET ADMINISTRATIONIS) - TELEMATIC MODULES .....</b>	<b>252</b>

## **FACULTY OF HEALTH SCIENCES: OFFICE BEARERS**

### **DEAN**

Prof MJ Viljoen, BA Nursing. (UP), Diploma in Midwifery (Queen Victoria Hospital), MCur. (Intensive Nursing Care) (UP), BA Hons (Sociology) (UP), MCur (Health Care Administration) (UP), D Soc Sc. (UOFS)

### **ADMINISTRATIVE MANAGER**

Mrs C Postma, BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE).

### **RESEARCH CO-ORDINATOR**

Ms S Beets, BCom (Economics, Money and Banking, Business Management) (PU for CHE), Hons BCom (Economics – Bank, Risk Management) (PU for CHE), MCom (Economics – Bank, Risk Management) (PU for CHE), Hons BA (Psychology) (NWU).

## **RESEARCH ENTITIES**

### **Centre of Excellence for Nutrition**

**Director:** Prof HH Vorster, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), DSc (PU for CHE).

### **Research Unit 9.1: Africa Unit for Transdisciplinary Health Research (AUTHeR)**

**Director:** Prof A Kruger, B Soc Sc (Nursing) (UOFS), Hons B Soc Sc (Nursing) (UOFS), MSoc Sc (Nursing) (UOFS), PhD (PU for CHE).

### **Research Unit 9.2: Drug Research and Development**

**Director:** Prof J. Du Plessis, BPharm (PU for CHE), MSc (PU for CHE), PhD (PU for CHE), Diploma in Tertiary Education (PU for CHE).

### **Niche area: Hypertension in Africa Research Team (HART)**

**Coordinator:** Prof AE Schutte, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), PhD (PU for CHE)

### **Niche area: Physical Activity, Sport and Recreation (PHASREC)**

**Coordinator:** Dr SJ Moss, BSc (PU for CHE), Hons BSc (Biochemistry) (PU for CHE), Hons BSc (Biokinetics) (PU for CHE), MSc (Biochemistry) (PU for CHE), PhD (PU for CHE).

### **Niche area: Medicine Usage in South Africa (MUSA)**

**Coordinator:** Prof MS Lubbe, BPharm (PU for CHE), MPharm (Pharmacy Practice) (PU for CHE), PhD (PU for CHE).

## **SCHOOL OF BIOKINETICS, RECREATION AND SPORT SCIENCE**

**Director:** Prof JH de Ridder, BA (PU for CHE), HED (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD (PU for CHE).

### **Institute for Biokinetics:**

**Head:** Prof DDJ Malan, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), DSc (PU for CHE).

### **Institute for Sport Science and Development:**

**Head:** Prof DDJ. Malan, BSc. (PU for CHE), Hons B.Sc. (PU for CHE), MSc (PU for CHE), DSc (PU for CHE).

### **Subject Group Chairs**

#### **Biokinetics:**

Prof CJ Wilders, BJur. (PU for CHE), BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD. (PU for CHE).

#### **Kinder Kinetics:**

Prof AE Pienaar, BA (PU for CHE), HED (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD (PU for CHE).

#### **Human Movement Sciences:**

Prof MA Monyeki, BA (UNIN), HED (UNIN), Hons BA (UNIN), MA (UNIN), PhD (VU).

#### **Recreation Science:**

Prof C du P Meyer, BA (UOFS), HED (UOFS), Hons. BA (US.), MA (PU for CHE), PhD (PU for CHE).

#### **Sport Science:**

Mr B Coetzee, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE).

#### **Diploma in Sport Science:**

Mr PH van den Berg, BA (PU for CHE), HED (PU for CHE), Hons BA (PU for CHE).

#### **Post graduate / Research Programme:**

Prof JH de Ridder, BA (PU for CHE), HED (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD (PU for CHE).

## **SCHOOL OF PHARMACY**

**Director:** Prof DW Oliver, BPharm (PU for CHE), Hons BSc (PU for CHE), MPharm (PU for CHE), DSc (PU for CHE), PhD (PU for CHE).

### **Pharmaceutical & Biomedical Services and Products**

**Head:** Prof B Boneschans, BSc (Pharm) (PU for CHE), MSc (Pharmaceutics and Pharmaceutical Chemistry) (PU for CHE), DSc (Pharmaceutics) (PU for CHE).



**Research Institute for Industrial Pharmacy incorporated with Centre for Quality Assurance of Medicine (NIIF/CENQAM)**

**Operational Head:** Dr E Swanepoel, BPharm (PU for CHE), MSc (Pharmaceutics) (PU for CHE), PhD (Pharmaceutics) (PU for CHE).

**Programme Manager: Pharmacy (undergraduate)**

Prof AF Marais, BPharm (PU for CHE), MSc (Pharmaceutics) (PU for CHE), PhD (Pharmaceutics) (PU for CHE).

**Subject Group Chairs**

**Pharmacology:**

Prof L Brand, BPharm (PU for CHE), MSc (Pharmacology) (PU for CHE), PhD (PU for CHE).

**Pharmaceutics (acting):**

Dr JH Steenekamp, BPharm (PU for CHE), MSc (Pharmaceutics) (PU for CHE), PhD (Pharmaceutics) (NWU).

**Pharmaceutical Chemistry:**

Prof JJ Bergh, BSc (US), BSc (Pharm) (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), DSc (Pharm Chemistry) (PU for CHE).

**Pharmacy Practice:**

Prof MS Lubbe, BPharm (PU for CHE), MPharm (Pharmacy Practice) (PU for CHE), PhD (PU for CHE).

**Clinical Pharmacy:**

Prof JJ Gerber, BSc (Pharm) (PU for CHE), Hons BSc (Pharmacology) (PU for CHE), Hons BSc (Indus Pharm) (PU for CHE), MSc (Indus Pharm) (PU for CHE), DSc (Pharm) (PU for CHE).

**SCHOOL OF PHYSIOLOGY, NUTRITION AND CONSUMER SCIENCES**

**Director:** Prof NT Malan, BSc (UOFS), Hons BSc (UOFS), MSc (UOFS), DSc (PU for CHE).

**Subject Group Chairs**

**Physiology:**

Prof JM van Rooyen, BSc (PU for CHE), Hons BSc (Industrial Physiology), MSc (PU for CHE), DSc (PU for CHE).

**Consumer Sciences:**

Dr H de Beer, BSc (Agric) Nutrition Science (UP), MTech. (Environmental Health) (SUT), PhD Microbiology (UF)

**Nutrition:**

Prof JC Jerling, BSc (US), Hons BSc (PU for CHE), MSc (PU for CHE), PhD (PU for CHE).

## **SCHOOL OF PSYCHO-SOCIAL BEHAVIOURAL SCIENCES**

**Director:** Prof MP Wissing, BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), Drs. (Clin.Psych.) (VU, A'dam), DPhil (PU for CHE).

### **Institute for Psychotherapy and Counseling**

**Head:** Prof WF du Plessis, BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), DPhil (PU for CHE).

### **Subject Group Chairs**

#### **Psychology:**

Prof QM Temane, BA (UNIN), Hons BA (UNIN), M Soc Sc (UNIBO), PhD (NWU).

#### **Social Work:**

Prof H Strydom, BA (SW) (UPE), Hons BA (SW) (UPE), MA (SW) (UP), DPhil (UP).

## **SCHOOL OF NURSING SCIENCE**

**Director:** Prof HC Klopper, BA Cur(UNISA), MCur (RAU), DCur(RAU), MBA(Luton, UK), Diploma General Nursing Science, Midwifery and Psychiatric Nursing Science. Advanced Diploma in Nursing Management (UNISA).

### **Subject Group Chair**

#### **Anatomy:**

Ms B Scrooby, BCur (RAU), MCur (Community Nursing Science) (RAU).

#### **Programme leaders:**

**BCur-programme:** Mrs AC van Graan, BA Cur (UNISA), MCur (Professional Nursing Science) (NWU), Diploma General Nursing Science and Midwifery, Advances University Diploma in a Health Service Management (UNISA).

**Telematic Programme:** Dr MJS Williams, B Art et Sc (Nursing Science) (PU for CHE); MCur (Nursing Science Education) (RAU), PhD (Nursing Science Education) (NWU).

**Post Graduate Programme:** Prof SJC van der Walt, B Art et Scien (NWU), M Soc Sc (Midwifery and Neonatal Nursing Science)(UFS, B Ed (UFS), M Ed (UFS), D Cur (UJ).

## EXECUTIVE MANAGEMENT COMMITTEE: FACULTY OF HEALTH SCIENCES

**Chairperson:** Prof MJ Viljoen (Dean)  
**Vice chairperson:** Prof NT Malan  
**Secretary:** Mrs C Postma (Administrative Manager)

De Ridder, JH (Prof)

Du Plessis, J (Prof)

Klopper, HC (Prof)

Kruger, A (Prof)

Oliver, DW (Prof)

Wissing, MP (Prof)

Beets, S (Ms) (Research Coordinator)

## FACULTY BOARD : FACULTY OF HEALTH SCIENCES

Name	Position
<b><i>Office of the Dean</i></b>	
1. Prof MJ (Marlene) Viljoen	Dean ( <b><i>Chairperson</i></b> )
2. Prof HA (Boeta) Koeleman	Director: Marketing
3. Mr CJJ (Cor) Bester	Head: Animal Experimental Centre
4. Mrs C (Corrie) Postma	Administrative Manager and Secretary
5. Ms S (Soretha) Beets	Research Coordinator
6. Dr MW (Maggie) Paolini	Quality Manager
<b><i>School of Biokinetics, Recreation and Sport Science</i></b>	
7. Prof JH (Hans) de Ridder	Director
8. Prof AE (Anita) Pienaar	Professor (Kinder Kinetics)
9. Prof CJ (Cilas) Wilders	Professor (Biokinetics)
10. Prof CduP (Charlé) Meyer	Associate Professor (Recreation)

Name	Position
<b><i>School of Biokinetics, Recreation and Sport Science (continue)</i></b>	
11. Prof MA (Andries) Monyeki	Associate Professor (Human Movement Science)
12. Dr SJ (Hanlie) Moss	Coordinator Niche area FASRek (Senior Lecturer)
13. Mr PH (Pieter) van den Berg	Lecturer (Dipl Sport Science)
14. Mr T (Theron) Weilbach	Lecturer (Recreation Science)
15. Mrs C (Cindy) Pienaar	Lecturer (Sport Science)
16. Mrs Y (Yolandé) Willemse	Subject specialist (Sport Science)
<b><i>School of Pharmacy</i></b>	
17. Prof DW (Douglas) Oliver	Director
18. Prof B (Banie) Boneschans	Head: Pharmaceutical and Biomedical Services
19. Dr E (Erna) Swanepoel	Head: NIIF/CENQAM (Expert Subject Specialist)
20. Prof JJ (Kobus) Bergh	Professor (Pharmaceutical Chemistry)
21. Prof CB (Tiaan) Brink	Professor (Pharmacology)
22. Prof BH (Brian) Harvey	Professor (Pharmacology)
23. Prof AF (Awie) Kotzé	Professor (Pharmaceutics)
24. Prof JC (Jaco) Breytenbach	Professor (Pharmaceutical Chemistry)
25. Prof L (Linda) Brand	Associate Professor (Pharmacology)
26. Prof JJ (Jan) Gerber	Associate Professor (Clinical Pharmacy)
27. Prof MS (Martie) Lubbe	Associate Professor (Pharmacy Practice)
28. Prof AF (Dries) Marais	Associate Professor (Pharmaceutics)

Name	Position
<b><i>School of Pharmacy (continue)</i></b>	
29. Prof JP (Jacques) Petzer	Associate Professor (Pharm. Chemistry)
30. Prof S (Sandra) van Dyk	Associate Professor (Pharm. Chemistry)
31. Mr WD (Willem) Basson	Senior Lecturer (Pharmacy Practice)
32. Mrs JR (Johanita) Burger	Senior Lecturer (Pharmacy Practice)
33. Dr JC (Johan) Lamprecht	Senior Lecturer (Clinical Pharmacy)
34. Dr DM (Dorcas) Rakumakoe	Senior Lecturer (Clinical Pharmacy)
35. Dr MM (Maides) Malan	Senior Lecturer (Pharmaceutics)
36. Mrs CL (Rina) Meyer	Senior Lecturer (Pharmacology)
37. Dr JM (Joe) Viljoen	Senior Lecturer (Pharmaceutics)
38. Mrs MA (Mariëtta) Fourie	Lecturer (Pharmaceutics)
39. Mr PdeW (Dewet) Wolmarans	Lecturer (Pharmacology)
40. Dr M (Marius) Brits	Head Subject Specialist (NIIF)
41. Mrs ME (Marique) Aucamp	Senior Subject Specialist (NIIF)
42. Ms AF (Anne) Grobler	Senior Subject Specialist (Pharmacy)
43. Mrs JC (Anita) Wessels	Senior Subject Specialist (Pharmacy)
<b><i>School of Physiology, Nutrition and Consumer Sciences</i></b>	
44. Prof NT (Nico) Malan	Director
45. Prof JC (Johann) Jerling	Professor (Nutrition)
46. Prof HS (Salome) Kruger	Professor (Nutrition)
47. Prof M (Marius) Smuts	Professor (Nutrition)
48. Prof JM (Johannes) van Rooyen	Professor (Physiology)

Name	Position
<b><i>School of Physiology, Nutrition and Consumer Sciences (continue)</i></b>	
49. Prof AE (Alta) Schutte	Professor (Physiology)
50. Prof HW (Hugo) Huisman	Associate Professor (Physiology)
51. Prof L (Leone) Malan	Associate Professor (Physiology)
52. Prof M (Daleen) van der Merwe	Associate Professor (Consumer Sciences)
53. Dr NM (Namukolo) Covic	Senior Lecturer (Nutrition)
54. Dr SM (Grieta) Hanekom	Senior Lecturer (Dietetics/Nutrition)
55. Dr H (Hanlie) de Beer	Senior Lecturer (Consumer Science)
56. Dr HH (Hattie) Wright	Senior Lecturer (Nutrition)
57. Ms RC (Robin) Dolman	Lecturer (Nutrition)
58. Mr JL (Johan) du Plessis	Lecturer (Physiology)
59. Mrs SD (Sonna) Van Zyl	Lecturer (Consumer Science)
60. Mrs CMT (Carla) Fourie	Subject Specialist (Physiology)
61. Sr MC (Chrissie) Lessing	Subject Specialist (Nutrition)
<b><i>School of Psycho-social Behavioural Sciences</i></b>	
62. Prof MP (Marié) Wissing	Director
63. Prof V (Vera) Roos	Professor (Psychology)
64. Prof H (Herman) Strydom	Professor (Social Work)
65. Prof CA (Chris) Venter	Professor (Psychology)
66. Prof ML (Mike) Weyers	Professor (Social Work)
67. Prof KFH (Karel) Botha	Associate Professor (Psychology)

Name	Position
<b><i>School of Psycho-social Behavioural Sciences (continue)</i></b>	
68. Prof WF (Wynand) du Plessis	Associate Professor (Head: Inst for Psychotherapy and Counseling)
69. Prof P (Pedro) Rankin	Associate Professor (Social Work)
70. Prof QM (Michael) Temane	Associate Professor (Psychology)
71. Prof E van Rensburg	Associate Professor (Psychology)
72. Dr AG (Alida) Herbst	Senior Lecturer (Social Work)
73. Dr DK (Doret) Kirsten	Senior Lecturer (Psychology)
74. Dr AW (Alida) Nienaber	Senior Lecturer (Psychology)
75. Dr JC (Johan) Potgieter	Senior Lecturer (Psychology)
76. Dr EH (Elma) Ryke	Senior Lecturer (Social Work)
77. Dr MM (Marie) Steyn	Senior Lecturer (Social Work)
78. Dr CC (Cornelia) Wessels	Senior Lecturer (Social Work)
79. Mr IP (Itumeleng) Khumalo	Lecturer (Psychology)
<b><i>School of Nursing Science</i></b>	
80. Prof HC (Hester) Kloppe	Director
81. Prof E (Sebi) Lekalakala-Mokgele	Associate Professor
82. Prof FM (Mavis) Mlaudzi	Associate Professor
83. Me A (Antoinette) du Preez	Senior Lecturer
84. Dr CS (Karin) Minnie	Senior Lecturer
85. Mrs R (Ronel) Pretorius	Senior Lecturer
86. Mrs E (Engela) van der Walt	Senior Lecturer

Name	Position
<b><i>School of Nursing Science (continue)</i></b>	
87. Mrs AC (Anneke) van Graan	Senior Lecturer
88. Dr MJS (Marthyna) Williams	Senior Lecturer
89. Ms Siedine Knobloch	Subject Specialist
<b><i>Centre of Excellence for Nutrition</i></b>	
90. Prof HH (Esté) Vorster	Director
91. Prof M (Marlien) Pieters-Loots	Associate Professor
<b><i>Research Unit AUTHeR</i></b>	
92. Prof A (Annamarie) Kruger	Director
93. Prof M (Minrie) Greeff	Professor
<b><i>Research Unit for Drug Research and Development</i></b>	
94. Prof J (Jeanetta) du Plessis	Director
95. Prof JL (Jan) du Preez	Professor
96. Prof W (Wilna) Liebenberg	Professor
<b><i>Student representative</i></b>	
97. Mr MJ Kotzé (PASV)	School of Pharmacy
<b><i>Representatives from other faculties</i></b>	
98. Prof HF Kotze	Natural Sciences
99. Dr Alewyn Nel	Economical and Management Sciences
100. Prof SJ Zaaiman	Faculty of Arts



**G.1 FACULTY RULES**

**G.1.1 AUTHORITY OF THE A-RULES**

The faculty rules concerning the different qualifications and programmes presented in this faculty are subject to the General Academic Rules of the University as determined by the Council of the University on recommendation of the Senate from time to time. The faculty rules should thus be read in conjunction with these General Rules.

**G.1.2 SPECIFIC FACULTY RULES**

The faculty rules with regard to the different programmes presented in this faculty will be reproduced in the language in which the specific programme is presented.

**G.1.2.1 Interim rules for newly outlined programmes in 2010**

School directors of the respective schools, in consultation with Subject chairs/Programme directors, will issue interim rules to enable the transition of existing programmes to the newly amended programmes.

All students must register according to new programmes/curricula in 2010, with the exception of Pharmacy- and Social Work programmes, where phasing in is practiced.

If the curriculum, in which a student had registered before was amended, the curriculum will be changed in accordance with the version in this calendar. If possible, amendments will be made in such a way as, not to aggravate the student's study load.

In the case where students on a certain year level, must repeat certain modules in one or more of the **previous** year levels in the specific curriculum, the following will prevail:

- The total credits of modules, for students who have to repeat modules in any semester, on any year level, will be limited in accordance with the General rules;
- The faculty cannot give any undertaking that modules which must be repeated together with other modules, will fit in the time table;
- Time table clashes, which may occur as result of modules repeated, may entail that students will have to register for such modules in a subsequent study year;
- If a student in a specific year level of the curriculum, for which he/she is registered, did not complete the minimum prescribed study period, and the modules of that specific year level in the curriculum have since been amended; the dean may decide that the student should complete the year level in question in the way it is published in the latest version of this calendar. It means that, if a student must repeat a module, that has since been replaced by another module in the curriculum, the dean may decide that the student should register for the latter instead.
- 
-

#### **G.1.2.2 Enlistment according to time tables**

A student is not allowed to register for a module if it clashes with any other registered module, in terms of the standard class-, test- and examination time tables. If clashes occur in any intended choice of modules, the combination in question is inadmissible.

If a student failed a specific module, the student must register for the specific module again, and a new participation mark must be build up. No exemption from classes will be granted. Exemption from practica will be considered on merit.

#### **G.1.3 WARNING AGAINST PLAGIARISM**

Assignments are individual tasks and not group activities (unless explicitly indicated as a group activity). For more information visit:

<http://www.nwu.ac.za/gov-man/policy-rules/index.html>

#### **G.1.4 CAPACITY DETERMINATION**

Please take note that due to specific capacity stipulations, the University reserves the right to follow a selection process when admitting students for specific fields of study. This means that prospective students, who comply with the minimum admission requirements, will not necessarily be admitted to the specific course.

#### **G.1.5 SCHOOLS IN THE FACULTY**

The faculty is structured into five schools, one research centre, two research units and three niche areas. Research and development in magister- and doctoral studies of the five schools in the Faculty of Health Sciences, are conducted within the various research entities. Each entity has a research director/-head. They are supported by the directors of the respective schools and personnel in the various study groups.

The relation and structures of the schools and subject groups within the faculty, is as follows: (*refer to the post graduate calendar for the structures of research units*)

<b>School</b>	<b>Subject group</b>
School of Biokinetics, Recreation and Sport Sciences	Human Movement Science; Biokinetics; Kinder Kinetics; Recreation Science; Sport Science; Diploma in Sport Science.
School of Pharmacy	Pharmaceutics; Pharmaceutical Chemistry; Pharmacology; Pharmacy Practice; Clinical Pharmacy.
School of Physiology, Nutrition and Consumer Sciences	Physiology; Dietetics / Nutrition; Consumer Sciences.

School of Psycho-social Behavioral Sciences	Psychology; Social Work.
School of Nursing Science	General Nursing Science; Psychiatric Nursing Science; Midwifery and Neonatal Nursing Science and Community Nursing Science; Health Science Education Management.

#### G.1.6 QUALIFICATIONS, PROGRAMMES AND CURRICULA

DIPLOMAS				
Qualification	Programme and code	Curriculum and code	Method of delivery	NKR-level
Diploma in Sport Science	832 100	Sport Science: G101P	Full time	6
FIRST BACHELOR DEGREE				
Qualification	Programme and code	Curriculum and code	Method of delivery	NKR-level
Bachelor of Arts(BA)	Health Sciences: 100 167	Human Movement Science and Psychology: G301P	Full time	7
Bachelor of Arts (BA)	Health Sciences: 100 167	Recreation and Psychology: G302P	Full time	7
Bachelor of Arts (BA)	Health Sciences: 100 167	Recreation and Tourism: G303P	Full time	7
Bachelor of Arts (BA)	Social Work and Psychology: 100 168	Social Work and Psychology: G301P	Full time	7
Bachelor of Arts (BA)	Psychology and Afrikaans & Dutch: 100 169	Psychology and Afrikaans & Dutch: G301P	Full time	7
Bachelor of Arts (BA)	Psychology and Labour Relations: 100 170	Psychology and Labour Relations: G301P	Full time	7
Bachelor of Arts (BA)	Psychology and English: 100 171	Psychology and English: G301P	Full time	7
Bachelor of Arts (BA)	Psychology and Geography & Environmental study: 100 172	Psychology and Geography & Environmental studies: G301P	Full time	7

<b>FIRST BACHELOR DEGREE (Continue)</b>				
<b>Qualification</b>	<b>Programme and code</b>	<b>Curriculum and code</b>	<b>Method of delivery</b>	<b>NKR-level</b>
Bachelor of Arts (BA)	Psychology and Setswana: 100 173	Psychology and Setswana: G301P	Full time	7
Bachelor of Arts (BA)	Psychology and Sociology: 100 174	Psychology and Sociology: G301P	Full time	7
Bachelor of Arts (BA)	Psychology and Tourism Management: 100 175	Psychology and Tourism Management: G301P	Full time	7
Bachelor of Arts (Sport-, Health- en Leisure Science)	843 100	Human Movement Science and Recreation Science: G316P	Full time	7
Bachelor of Science (BSc)	Biological Sciences: 200 112	Physiology and Biochemistry: G301P	Full time	7
Bachelor of Science (BSc)	Biological Sciences: 200 112	Physiology and Chemistry: G302P	Full time	7
Bachelor of Science (BSc)	Biological Sciences: 200 112	Physiology and Zoology: G303P	Full time	7
Bachelor of Science (BSc)	Biological Sciences: 200 112	Physiology and Microbiology: G304P	Full time	7
Bachelor of Science (BSc)	Biological Sciences: 200 112	Psychology and Computer Science and Information Systems: G305P	Full time	7
Bachelor of Science (BSc)	Biological Sciences: 200 112	Psychology and Mathematics: G306P	Full time	7
Bachelor of Science (BSc)	Health Sciences: 200 186	Physiology and Psychology: G301P	Full time	7
Bachelor of Science (BSc)	Health Sciences: 200 186	Nutrition and Physiology: G302P	Full time	7
Bachelor of Science (BSc)	Human Movement Science and Physiology: 200 187	Human Movement Science and Physiology: G301P	Full time	7

<b>FIRST BACHELOR DEGREE (Continue)</b>				
<b>Qualification</b>	<b>Programme and code</b>	<b>Curriculum and code</b>	<b>Method of delivery</b>	<b>NKR-level</b>
Bachelor of Science	Human Movement Science and Nutrition: 200 188	Human Movement Science and Nutrition: G301P	Full time	7
Bachelor of Science (BSc)	Psychology and Nutrition: 200 189	Psychology and Nutrition: G301P	Full time	7
Bachelor of Science in Consumer Sciences (BSc Cons)	845 100	Consumer Sciences with Business Management: G301P	Full time	7
Bachelor of Science in Consumer Sciences (BSc Cons)	845 100	Consumer Sciences with Tourism Management: G302P	Full time	7
Bachelor in Social Work (BSW)	111 101	Social Work: G402P	Full time	8
Baccalaureus Curationis (BCur)(Nursing)	120 101	General Nursing, Psychiatric Nursing, Midwifery and Community Nursing: G407P	Full time	8
Baccalaureus Curationis (Educationis et Administrationis) (BCur Ed et Adm)(Nursing)	829 100	Health Science Education and Health Service Management: G318T	Telematic	7
Baccalaureus Pharmaciae (BPharm)	800 101	Pharmacy: G412P	Full time	8
Bachelor of Science (Dietetics) (BSc Dietetics)	206 101	Dietetics: G431P	Full time	8
Bachelor of Science (Nutrition) (BSc Nutrition)	286 100	Nutrition: G401P	Full time	8

Information regarding **post graduate qualifications and diplomas** are published in the post graduate calendar of the Faculty of Health Sciences.

#### **G.1.7 MODULES AND CREDITS**

Subjects are presented according to modules, to which a certain number of credit values are allocated.

Modules have a code and a descriptive name e.g. PSYC111. The meaning of the figure codes is explained in General rules A.1.38.

Each module has a certain “weight” known as a credit point (General rule A.1.15)

#### **G.1.8 RELATION BETWEEN CREDITS AND TEACHING PERIODS**

The general rule is as follows:

For the first three semesters (two semesters at level 1 and the first semester of level 2) the maximum number of theoretical periods is two periods per week for every 8/12 credit module. For a 16 credit module the maximum number of theoretical periods is four per week.

For all subsequent semesters the maximum number of theoretical periods is one per week for every 8/12 credit module. For 16 and 24 credit modules the maximum number of theoretical periods will be 2 and 3 per week respectively.

#### **G.1.9 RECOGNITION OF PRIOR LEARNING**

The North-West University accepts the principle underlying outcomes-based, source-based- and life-long learning, in which considerations of articulation and mobility play a significant role, and subscribes to the view that recognition of prior learning, whether acquired by formal education curricula at this or another institution or informally (by experience) is an indispensable element in deciding on admission to and awarding credits in an explicitly selected teaching-learning programme of the North West University.

Recognition of prior learning concerns the provable knowledge and learning that an applicant has acquired, whether by having completed formal education curricula, or by experience. At all times the question will be what the level of the skills is, and skills will be assessed in the context of the exit level skills required by the intended teaching-learning programme or modules in the programme, or the status for which the applicant applies, and not merely by virtue of the experience recorded by the applicant. Recognition of prior learning will therefore take place in terms of the applied competencies demonstrated by the applicant in his/her application, taking into consideration the exit level outcomes that have to be obtained by means of the selected teaching-learning programme.

The North-West University accepts that the recognition of prior learning must take place in a valid, trustworthy and fair way, within the normal existing policy on awarding credits to prospective or existing students, whether they are from this or another institution.

For processing an application for recognition of prior learning a non-refundable administrative levy is payable as determined by the University from time to time.

The process for the recognizing prior learning is given in General rule A.5.1.2.6.

#### **G.1.10 REGISTRATION**

Registration is the prescribed complete process that a student has to follow to register as a student at the University (General rules A.1.55).

## **G.1.11 ADMISSION REQUIREMENTS FOR UNDERGRADUATE STUDIES IN 2010**

### **G.1.11.1 General Admission requirements**

Taking due cognizance of the General Rules and the Faculty Rules, as contained in the relevant calendars and with specific reference to General rule A.5.1.2, (which determines that a National Senior Certificate has been obtained and endorsed, that the minimum statutory requirements for admission to study for a Bachelor degree at a university in the RSA have been reached – in other words that **four designated subjects on level 4 were passed**), the University reserves the right to apply the under mentioned selection model on the basis of which consideration will be given to candidates' applications.

Please take note that due to specific capacity stipulations, the University reserves the right to follow a selection process when admitting students for specific fields of study. This means that prospective students, who comply with the minimum admission requirements, will not necessarily be admitted to the specific course. Due to capacity restrictions and oversupply of students in certain fields of study, students will be selected for such study programmes on the ground of scholastic performance.

#### **Selection model: Determination of APS-score**

**(APS= Academic Performance Scale)**

<b>NSC-scale</b>	<b>APS-score</b>
8 (90-100%)	8
7 (80-89%)	7
6 (70-79%)	6
5 (60-69%)	5
4 (50-59%)	4
3 (40-49%)	3
2 (30-39%)	2
1 (0-29%)	1

1. The results achieved in six subjects will be used to determine the APS-score.
2. The results achieved in Life Orientation (LO) will not be rated in calculating the APS-score. An achievement on level 5 or higher, in Life Orientation will only be regarded as recommendation in border line cases, or as recommendation for admission to specific programmes. Students should furthermore pass Life Orientation at level 3 in order to obtain a National Senior Certificate (NSC).

3. A student who achieved one or two APS scale points less than required for a specific study programme, may on discretion of the Senate be admitted conditionally to a particular study programme. Such students must prove their ability to be admitted for tertiary education, by successful completion of a Senate approved admissions examination, registered with the Matriculation Board.
4. A student, who achieved three or four APS scale points less during the Senior Certificate examination, may be admitted to a specific study programme by means of a discretionary exemption by the Senate after successful completion of the approved Admissions examination and an approved Bridging programme.
5. A student, who obtains Discretionary Exemption, may be admitted to certain study programmes on certain conditions.

GRAAD/DIPLOMA DEGREE/DIPLOMA	VEREISTE NSS-VAKKE PLUS KEURINGSVEREISTES REQUIRED NSC SUBJECTS PLUS SELECTION REQUIREMENTS	APS	KEURINGS- TOETS SELECTION TEST
<b>Diploma in Sportkunde / Diploma in Sport Science (3 jr/yr)</b> DS G101P (832100)	Nasionale Senior Sertifikaat / National Senior Certificate	16	Ja/Yes
<b>BA Gesondheidswetenskappe / Health Sciences (3 jr/yr)</b>  <b>*Menslike Bewegingskunde en Psigologie / Human Movement Sciences &amp; Psychology – G301P (100167)</b>  <b>*Rekreasiekunde en Psigologie / Recreation Science &amp; Psychology – G302P (100167)</b>  <b>*Rekreasiekunde en Toerismebeheer / Recreation Science &amp; Tourism Management – G303P (100167)</b>		22  22  22	Ja/Yes
<b>BA Maatskaplike Werk en Psigologie / Social Work &amp; Psychology (3 jr/yr)</b>  <b>*Maatskaplike Werk en Psigologie / Social Work and Psychology – G301P (100168)</b>		20	
<b>BA Psigologie en Afrikaans en Nederlands / Psychology &amp; Afrikaans &amp; Dutch (3 jr/yr)</b>  <b>*Psigologie en Afrikaans en Nederlands / Psychology &amp; Afrikaans &amp; Dutch – G301P (100169)</b>		20	
<b>BA Psigologie en Arbeidsverhoudinge / Psychology &amp; Labour Relations (3 jr/yr)</b>  <b>*Psigologie &amp; Arbeidsverhoudinge / Psychology &amp; Labour Relations – G301P (100170)</b>		20	



GRAAD/DIPLOMA DEGREE/DIPLOMA	VEREISTE NSS-VAKKE PLUS KEURINGSVEREISTES REQUIRED NSC SUBJECTS PLUS SELECTION REQUIREMENTS	APS	KEURINGS- TOETS SELECTION TEST
<b>BA Psigologie en Engels / Psychology &amp; English</b> (3 jr/lyrs)  * <b>Psigologie en Engels / Psychology &amp; English</b> – G301P (100171)		20	
<b>BA Psigologie en Geografie en Omgewingstudie / Psychology &amp; Environment Study</b> (3 jr/lyrs)  * <b>Psigologie en Geografie en Omgewingstudie / Psychology &amp; Geography &amp; Environment Study</b> – G301P (100172)		20	
<b>BA Psigologie en Setswana / Psychology &amp; Setswana</b> (3 jr/lyrs)  * <b>Psigologie en Setswana / Psychology &amp; Setswana</b> – G301P (100173)		20	
<b>BA Psigologie en Sosiologie / Psychology &amp; Sociology</b> (3 jr/lyrs)  * <b>Psigologie en Sosiologie / Psychology &amp; Sociology</b> – G301P (100174)		20	
<b>BA Psigologie en Toerismebeheer / Psychology &amp; Tourism Management</b> (3 jr/lyrs)  * <b>Psigologie en Toerismebeheer / Psychology &amp; Tourism Management</b> – G301P (100175)		20	
<b>BA (Sport-, Gesondheid- en Vryetydwetenskap / Sport, Health and Leisure Science)</b> (3 jr/lyrs)  * <b>Menslike Bewegingskunde en Rekreasiekunde / Human Movement Science and Recreation Science</b> – G316P (843100)		22	Ja/Yes
<b>BSc Biologiese Wetenskappe / Biological Sciences</b> (3 jr/lyrs)  * <b>Fisiologie en Biochemie / Physiology &amp; Biochemistry</b> – G301P (200112)  * <b>Fisiologie en Chemie / Physiology &amp; Chemistry</b> – G302P (200112)  * <b>Fisiologie en Dierkunde / Physiology &amp; Zoology</b> – G303P (200112)  * <b>Fisiologie en Mikrobiologie / Physiology &amp; Microbiology</b> – G304P (200112)	Wiskunde vlak 4 (50-59%) en Fisiese Wetenskap vlak 4 (50-59%) / Maths level 4 (50-59%) and Physical Science level 4 (50-59%)	24	

GRAAD/DIPLOMA DEGREE/DIPLOMA	VEREISTE NSS-VAKKE PLUS KEURINGSVEREISTES REQUIRED NSC SUBJECTS PLUS SELECTION REQUIREMENTS	APS	KEURINGS- TOETS SELECTION TEST
<b>*Psigologie en Rekenaar- en Inligtingstelsels / Psychology &amp; Computer &amp; Information Systems – G305P (200112)</b>  <b>*Psigologie en Wiskunde / Psychology &amp; Mathematics – G306P (200112)</b>			
<b>BSc Gesondheidswetenskappe / Health Sciences (3 jrl/ys)</b>  <b>*Fisiologie en Psigologie / Physiology &amp; Psychology – G301P (200186)</b>  <b>*Voeding en Fisiologie / Nutrition &amp; Physiology – G302P (200186)</b>	Wiskunde vlak 3 (40-49%) of Wiskundige Geletterdheid vlak 4 (50-59%) en Fisiese Wetenskap vlak 4 (50-59%) / Maths level 3 (40-49%) of Maths Literacy level 4 (50-59%) and Physical Science level 4 (50-59%)	24	
<b>BSc Menslike Bewegingskunde en Fisiologie / Human Movement Science &amp; Physiology (3 jrl/ys)</b>  <b>*Menslike Bewegingskunde en Fisiologie / Human Movement Science &amp; Physiology – G301P (200187)</b>	Wiskunde vlak 3 (40-49%) of Wiskundige Geletterdheid vlak 4 (50-59%) en Fisiese Wetenskap vlak 4 (50-59%) / Maths level 3 (40-49%) or Maths Literacy level 4 (50-59%) and Physical Science level 4 (50-59%)	24	Ja/Yes
<b>BSc Menslike Bewegingskunde en Voeding / Human Movement Science &amp; Nutrition (3 jrl/ys)</b>  <b>*Menslike Bewegingskunde en Voeding / Human Movement Science &amp; Nutrition – G301P (200188)</b>	Wiskunde vlak 3 (40-49%) of Wiskundige Geletterdheid vlak 4 (50-59%) en Fisiese Wetenskap vlak 4 (50-59%) / Maths level 3 (40-49%) or Maths Literacy level 4 (50-59%) and Physical Science level 4 (50-59%)	24	Ja/Yes
<b>BSc Psigologie en Voeding / Psychology &amp; Nutrition (3 jrl/ys)</b>  <b>*Psigologie en Voeding / Psychology &amp; Nutrition – G301P (200189)</b>	Wiskunde vlak 3 (40-49%) of Wiskundige Geletterdheid vlak 4 (50-59%) en Fisiese Wetenskap vlak 4 (50-59%) / Maths level 3 (40-49%) or Maths Literacy level 4 (50-59%) and Physical Science level 4 (50-59%)	22	
<b>BSc in Verbruikerswetenskappe / Consumer Sciences (3 jrl/ys)</b>  <b>*Verbruikerswetenskappe met Ondernemingsbestuur / Consumer Sciences with Business Management – G301P (845100)</b>  <b>*Verbruikerswetenskappe met Toerismebestuur / Consumer Sciences with Tourism Management – G302P (845100)</b>	Keuring: Aansoeke sluit 30 Junie. Laat aansoeke sal op meriete oorweeg word. / Selection: Applications close 30 June. Late applications will be considered on merit.  'n Natuurwetenskaplike vak op vlak 4 (50-59%) / A subject from the natural sciences passed on level 4 (50-59%)	22	Ja/Yes
<b>Baccalaureus in Maatskaplike Werk / Bachelor in Social Work (4 jrl/ys)</b>  G402P (111101)	Keuring: Aansoeke sluit 30 Junie. Laat aansoeke sal op meriete oorweeg word. / Selection: Applications close 30 June. Late applications will be considered on merit	24	Ja/Yes

**G.1.11.2 Admission requirements with regard to Cambridge and other educational systems**

**Note:** *It is not certain if the admission requirements of the different educational systems, mentioned below will be maintained as it is determined by the Matriculation Board.*

**Full exemption on the basis of HIGCSE- and IGCSE-level examinations from UCLES**

The Matriculation Board will issue a certificate of full exemption if the following requirements are met:

1. Five subjects passed;  
Must pass 4 x HIGCSE (=HG subjects) and 1 x IGCSE (=SG subjects).
2. Must have English as 1<sup>st</sup> or 2<sup>nd</sup> language;
3. At least one subject from group 1 or 2;
4. At least two subjects from group 3, 4 or 5;  
(Pass subjects from at least 4 different subject groups).
5. Pass Mathematics on IGCSE at least to receive recognition for any other subject from group 5.

GROUP I	A first Language approved by the Committee of Principles.
GROUP II	A second language approved by the Committee of Principles.
GROUP III	A third language approved by the Committee of Principles, not taken into account for purposes of groups I or II, Biology, Physics and Chemistry or Mathematics.
GROUP IV	Economics, Geography, Biology (if not taken into account in group III), History, Physics and Chemistry (if not taken into account in group III) or Mathematics (if not taken into account in group III).
GROUP V	Technology & Design, Computer Science, Business studies or Accountancy.

TABLE OF CONVERSION							
APS-score	RSA T-levels	RSA SS-levels	A-level = Gr 13	HIGCSE	AS-level	IGCSE = Gr 11	O-vlak = Gr 11
8			A				
7	7		B	1	A		
6	6	7	C	2	B		
5	5	6	D	3	C		
4	4	5			D	A	A
3	3	4			E	B	B
2	2	3		4 Converted to a pass on IGCSE level		C	C
1	1	2					

#### University Admission test:

Individuals who are in possession of the local ACE School of Tomorrow Grade 12 College Admission Certificate, and who write the new SAT/AARP, must be successful in the approved Senate Admissions Test to qualify for admission to pre-graduation studies according to the Senate Discretionary route.

**Information is subject to change. Please contact the Admissions Department for the latest information.**

#### G.1.12

#### EVALUATION OF ACADEMIC LANGUAGE PROFICIENCY

- In order to evaluate their ability to function in an academic environment, all undergraduate students who register at the University for the first time must report for a compulsory skills test in academic literacy, at a time and place determined by the University. The purpose of this test is to identify students who, due to inadequate academic skills, may fail to complete their study programme within the stipulated period. (General Rule A.5.2).
- Students can decide in which language they wish to complete the compulsory test. With the exception of students who are identified as borderline cases by the test, each student has only one opportunity to write the test. Students who are regarded as borderline cases, will be granted a second opportunity to write the test.
- Students who are regarded as borderline cases, must register for the module AGLA111 [Afrikaans] or AGLE111 [English], depending on their language preference mentioned in the aforementioned paragraph. These modules are not calculated in terms of curriculum credits, but the credits earned in this way are regarded as additional credits.
- Admission to the examination for AGLA111/AGLE111 requires a participation mark of 35%. Students who are not admitted to the examination for AGLA111/AGLE111 or, who fail the relevant examination as well as two or more other modules, will have to be re-evaluated by the Evaluation Committee if they want to continue their studies in the following semester. In order to avoid the termination of studies, AGLA111/AGLE111

must be completed at the end of the student's second historic year, at the very latest.

- e) Admission to the module AGLA121/AGLE121, which is compulsory for all students who register at the University for the first time, requires that a student should first complete AGLA111/AGLE111 and must obtain a mark of at least 40% for AGLA111/AGLE111. The modules AGLA121/AGLE121 constitute a value of 12 credits that form part of the curriculum for which the student has registered, and must be registered for in the preferred language.
- f) Students who failed the module AGLA111/AGLE111, but were allowed to continue with AGLA121/AGLE121 and who passed the examination in this module, may have the result of AGLA111/AGLE111 condoned by the relevant School Director to allow for a pass mark in the module.
- g) Students who have already successfully completed a module [s]/course[s] equivalent to AGLA111, 121/AGLE111, 121 at another institution and can provide evidence of this qualification, may apply in writing **to the Head of the Centre for Academic and Professional Language Practice** for formal recognition.

### **G.1.13 REGISTRATION FOR ADDITIONAL MODULES**

A student may in any study year take modules in addition to the modules required for the specific curriculum according to the stipulations of General rules A.1.2 and A.5.3.5.

### **G.1.14 TEACHER'S TRAINING**

Programmes/curricula complying with the required number of credits in recognized learning areas and/or school subjects give admission to the one year Postgraduate Certificate in Education (PGCE). This is an academic professional certificate directed at training teachers for intermediary and/or senior and further education phases.

#### **Admission requirements for PGCE:**

- G.1.14.1 Students must have a first university degree with two (2) recognized school subjects, or a recognized qualification that totals 360 credits on the NQF level 6 and which includes at least two (2) recognized learning areas and/or school subjects, as indicated in the calendar of the Faculty of Educational Sciences. (O.P.1.5)
- G.1.14.2 Students should further be able to register for two (2) didactic modules in order to obtain the qualification. The combination for the programme may be one of the following:
  - a) Recognized school subject/learning area on level 3 + recognized school subject/learning area on level 1
  - b) Recognized school subject/learning area on level 2 + recognized school subject/learning area on level 2
  - c) Recognized school subject/learning area on level 2 + recognized school subject/learning area on level 1 + recognized school subject/learning area on level 1. In the case of a language, it is recommended that at least level 2 should have been completed by the candidate.

- d) In case of a choice between didactics of academic subjects already passed in a previous qualification, the student should enrol for the two in which the highest level were achieved.
- G.1.14.3 If a student only included Botany, Zoology or Physiology (of which one at least as major subject), but no other school subjects in a degree course, he/she will be granted full recognition for the degree, and for the PGCE didactic Life Sciences and of learning area Natural Sciences. The student should register for LIFD511 and LAND521 as well as LAND411 and ADSD521. (Students with only Physiology, or Botany or Zoology as a major subject, will only be admitted to the PGCE conditionally, until he/she can evidence that the basic knowledge with regard to botany, zoology, ecology and physiology has been acquired.)
- G.1.14.4 If a student only included Physics and Chemistry (of which one at least as major subject) but no other school subjects in a degree course, he/she will be granted full recognition for the degree, and for the PGCE didactic Physical Sciences and of learning area Natural Sciences. The student should register for PHSD511 and LAND521, as well as LAND411 and ADSD521.
- G.1.14.5 If a student wishes to continue in the didactic Mathematics, he/she should have passed Mathematics on level 2. If not, Mathematics on level 1 together with one of the following on level 2 can be offered: Statistics, Mathematical Statistics, Applied Mathematics, and Financial Mathematics. If only Mathematics, as a major can be offered, the student must register for MATD511, MATD521 as well as MATD411 and ADSD521.
- G.1.14.6 A student, who wishes to register in the didactic Life Orientation, must offer two of the following subjects on degree level: Sociology, Psychology, Political Studies, Human Movement Sciences, Labour- and Industrial Studies, Human Rights and Ethics. The student also should have completed a second school subject on degree level for the second didactic.
- G.1.14.7 A student, who wishes to register in the didactic of any Language, should have passed the language on at least level 2. If the student passed Communication studies, level 1 of any language will be allowed.
- G.1.14.8 Students who did not complete their first degree, will only be admitted in exceptional cases and should specifically apply for admission from the School director.

## **G.1.15 EXAMINATION**

### **G.1.15.1 Examination opportunities**

The examination opportunities and related rules take place according to General rule A.5.4.

**G.1.15.2 Composition of the participation mark**

- a) The participation mark for a module (General rules A.1.45 en A.5.4.4 (c)) is compiled from tests, assignments and practical work.
- b) The ratio between theory and practica for the calculation of the participation mark is set out in the study guides of the various modules.

**G.1.15.3 Admission to the examination**

- a) Admission to the examination in any module takes place by obtaining a participation mark (General Rules A.1.45 en A.5.4.3).
- b) In terms of General rule A.1.45 a participation mark in the Faculty of Health Sciences will only be issued to a student if he/she:
  - i) complied with the specific requirements set out in the study guide for the specific module;
  - ii) completed the practical work (where applicable) required for the module;
  - iii) obtained a participation mark of **at least** 50% for practical modules in Nursing Science and Nutrition; and
  - iv) obtained a participation mark of **at least** 35% for first level modules and 40% for second-, third- and fourth level modules unless other specific requirements for a particular module are set out in the study guide.
- c) The participation mark obtained by a student for the first examination opportunity is carried forward to the second examination opportunity (General Rule A.8.1.1).

**G.1.15.4 Relation between credit marks and examination papers**

The duration for an examination paper for a 12 credit module should normally be two hours and for 16, 24 or 32 credit modules, three hours.

**G.1.15.5 Module mark**

The module mark (General rule A.1.41) is calculated by using the ratio between the examination mark and the participation mark as given at the module outcomes (see G.2 = the syllabi at the back of the Calendar).

**G.1.15.6 Pass requirements for a curriculum and module**

- a) The stipulations of General rule A.5.44 and all the sub-paragraphs are applicable.
- b) The sub minimum for all modules in which an examination was written, is 40% (General Rule A.5.4.4 (d)).
- c) The examination sub minimum for all practical modules in Nursing Science and Dietetics is 50%.
- d) The pass requirement for a module in which an examination was written, is a **module mark** of 50%. (General Rule A.5.4.4 (a)).

- e) Consideration for adjusting the module mark of a first level module in which an examination was written but not passed takes place according to the stipulations of General rules A.5.4.4 (b).
- f) A curriculum is passed if all the comprising modules are passed separately. (General Rule A.1.16).
- g) General rules A.5.4.5 state the requirements for passing a module/ qualification with distinction.

**G.1.15.7 Progress in a curriculum based on assumed learning**

- a) A module in any subject may only be taken if the student has already complied with the prescribed prerequisites as determined in General rules A.1.59 en A.5.4.1.
- b) General rule A.5.8 states the number of credits for which a student may register in a subsequent semester without permission from the dean.

**G.1.15.8 Termination of study**

The study of a student may be terminated in terms of General Rule A.5.7.

**G.1.16 EXPLANATION OF THE ASSUMED STUDY REQUIREMENT IN THE LIST OF MODULES**

Registration for year modules is done during the first semester.

In the column "assumed learning requirement" in the list, the indicated terms have the meanings given below:

- a) **(35DP) or (40DP): a participation mark of at least 35/40%** in the indicated module is required to register for the module for which it is a requirement
- b) **(40): a module mark of at least 40%** in the indicated module is required to register for the module for which it is a requirement;
- c) **no figure in brackets: a module mark of at least 50%** in the indicated module is required to register for the module FOR WHICH it is a requirement.



**G.2 RULES FOR THE DIPLOMA IN SPORT SCIENCE**

**G.2.1 QUALIFICATION AND PROGRAMME CODE: 832 100 (FULL TIME)**

This diploma is presented full time at the Potchefstroom, Vaal Triangle and Mafikeng campuses with specializing in different sporting codes.

**G.2.2 DURATION (MINIMUM AND MAXIMUM DURATION)**

The duration of the study for this qualification is a **minimum of two (2) years and a maximum of three (3) years**

Extension of the study period may take place according to the stipulations of General rule A.4.4 en A.5.6.

**G.2.3 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**

In addition to the general admission requirements (General rules A.5.1.2.1) and Introductory line G.1.11, the following admission requirements hold:

- a) the student should be in possession of a Senior Certificate issued by the South African Certification Council;
- b) an APS-score of 16 is required. In cases of merit where an APS score of 16 was not obtained, the School of Biokinetics, Recreation and Sport Sciences (BRS) and the PUK-Rugby Institute may collectively, after submission to testing, grant admission to the diploma;
- c) admission to the programme is subject to pre-selection by the School of Biokinetics, Recreation and Sport Sciences, in collaboration with the relevant specialized sport institute academic.

*\*Information is subject to change*

**G.2.4 SPECIFIC FACULTY ADMISSION REQUIREMENTS**

A student who wants to register for the Diploma in Sport Science should, prior to starting the programme has his/her medical fitness for the course determined.

**G.2.5 PROGRAMME: SPORT SCIENCE**

After completion of the sport science programme students should be able to demonstrate expertise, skills, value and applied skills in various aspects of one specific sport in well-defined and outlined problem solving and illustrative practice-orientated scenarios or case studies and found it with the necessary theories and literature research.

**G.2.5.1 Admission requirements for the programme**

**Required APS-score: 16**

Students will be allowed to change their study programme/curriculum within the allowed adjustment period with the written consent from the School director or Administrative Manager. and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

**G.2.5.2 Specific Faculty requirements**

Also refer to G.1 of this calendar.

**G.2.5.3 List of Modules 832 100 G101P**

Module code	Descriptive name	Prerequisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Human Movement Science</b>			
MBWK112	Motor learning		12
MBWK215	Introduction to Sport Injuries		8
MBWK216	Biomechanics		8
MBWK219	Sport & Exercise Physiology I		8
MBWK223	Kinanthropometry		8
MBWK226	Sport and Exercise Psychology		8
<b>Psychology</b>			
PSYC121	Social and community psychology		12
<b>Sport Science</b>			
MBXG114	Coaching Science of Golf		8
MBXR112	Supplementation and Ergogenic aids		12
MBXR114	Basic Anatomy and energy systems		12
MBXA124 OR MBXC124 OR MBXR124 OR MBXS124	Game skills development Rugby or Soccer or Athletics or Cricket		12
MBXK124	Generic Coaching Science		12
MBXN211 OR MBXS211 OR MBXT211	Coaching Science of Tennis or Netball or Swim		8
MBXR216	Game notational analyses and preparation		16
MBXR217	Sport management		8
MBXR218	Sport commercialization, sport development and sport law		16
MBXR219	Sport organization and administration		8
MBXG221 OR MBXH221	Coaching Science of Hockey or Gymnastics		8
MBXA225 OR MBXC225	Game skills application Rugby or Soccer or Athletics or Cricket		16

Module code	Descriptive name	Prerequisites	Credits
OR MBXR225 OR MBXS225			
MBXA324 OR MBXC324 OR MBXR324 OR MBXS324	Practical coaching Rugby or Soccer or Athletics or Cricket		32

#### **G.2.5.4 Curriculum: Sport Science**

##### **G.2.5.4.1 Curriculum outcomes**

The purpose of this curriculum is to equip the student with the necessary knowledge and specific skills, competencies, attitudes and ethical attitudes for specific careers within the sport industry, that enable them to grow personally to think critically, to practice economically independently in their areas of competence and to contribute through their work to the development of various facets of sport in a culturally diverse community. The curriculum is developed especially to prepare students and equip them for different careers in the rugby industry, but it also has application value for some careers in the broader contexts of sport.

##### **G.2.5.4.2 Specific Faculty rules for the curriculum**

- a) A student must have passed the MBXR module in the preceding year before being allowed to register for the module of the following year;
- b) If a student should exit from the course before completing the diploma, an appropriate certificate will be issued for the successfully completed outcomes.

**G.2.5.4.3 Compilation of the curriculum: Sport Science**
**Qualification and programme code: 832 100; Curriculum code: G101P**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module Code	Type	Cr	Module Code	Type	Cr	Module Code	Type	Cr
AGLA/E111#	A	-	MBWK216	X	8	MBWK215	X	8
MBWK112	X	12	MBWK219	X	8	MBXR217	X	8
MBXR112	H	12	MBXG114	X	8	MBXR218	H	16
MBXR114	X	12	MBXN211 OR MBXS211 OR MBXT211	X	8	MBXR219	X	8
			MBXR216	H	16			
<b>Total 1<sup>st</sup> semester</b>		<b>36</b>	<b>Total 1<sup>st</sup> semester</b>		<b>48</b>	<b>Total 1<sup>st</sup> semester</b>		<b>40</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module Code	Type	Cr	Module Code	Type	Cr	Module Code	Type	Cr
AGLA/E121	X	12	MBWK223	X	8	MBWK226	X	8
MBXA124 OR MBXC124 OR MBXR124 OR MBXS124	H	12	MBXA225 OR MBXC225 OR MBXR225 OR MBXS225	H	16	MBXA324 OR MBXC324 OR MBXR324 OR MBXS324	H	32
MBXK124	X	12	MBXG221 OR MBXH221	X	8			
PSYC121	X	12	WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>48</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>44</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>40</b>
<b>Total Year level 1</b>		<b>84</b>	<b>Total Year level 2</b>		<b>92</b>	<b>Total Year level 3</b>		<b>80</b>
<b>Credit total of the curriculum</b>								<b>256</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111

- G.3 RULES FOR THE DEGREE BACHELOR OF ARTS**  
This qualification is one of the programmes and curricula described in rule G.1.6 and it may be taken full time.
- G.3.1 DURATION (MINIMUM AND MAXIMUM DURATION)**  
The duration of the study for this qualification is a **minimum of three (3) years** and a **maximum of four (4) years**.  
Extension of the study period may be determined according to provisions of General Rules A.4.4 en A.5.6.
- G.3.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**  
The General admission requirements are described according to General Rule A.5.1.2.1 and further applicable regulations in introductory rule G.1.11.
- a) University admission;
  - b) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account;
  - c) The required APS-scores in terms of each programme are reflected below;
  - d) **Language requirement:** A pass mark of 50-59%(level 4) in the language of teaching and learning concerning home language or first additional language level;
  - e) Prospective students will be subject to a selection process and availability of capacity in the subject field.
- \*Information is subject to change
- G.3.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS**  
A student must hold a full Matriculation exemption certificate and an average pass mark of 60% during the matriculation examinations.
- G.3.4 PROGRAMME: HEALTH SCIENCES**
- G.3.4.1 Qualification and programme code: 100 167**  
After completion of the programme students should:
- a) be able to integrate complete and systematic knowledge and skills of Human Movement science or Recreation Science with the principles of Psychology and Tourism Management applicable to sport, health and human development, in obtaining applied capabilities through problem solving, executing projects, dealing with true-life case studies and practice-orientated scenarios;
  - b) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
    - i) founding it theoretically;

- ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.
- c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

#### **G.3.4.2 Admission requirements for the program**

**Required APS-score: 22**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

#### **G.3.4.3 Specific Faculty requirements**

Students enrolling for Human Movement Science as major should, prior to starting the course, has his/her medical fitness for the course determined.

Students, who want to be considered for Honors selection in Kinder Kinetics, must register for MBXS211 and MBXG221 in their second year.

Also refer to G.1 of this calendar.

#### **G.3.4.4 List of Modules 100 167 G301P, G302P, G303P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
WVES311	Applied ethics: business ethics, biomedical ethics, ethics of sports and recreation		12
<b>Anatomy</b>			
MBWA112	Functional Anatomy		12
MBWA122	Applied Anatomy	MBWA112 (40)	12
<b>Physiology</b>			
FLGX114	Introductory Physiology for BA and BSc Consumer Sciences		12
FLGX124	Muscle Physiology for BA	FLGX114 (40)	12
<b>Communication studies</b>			
KCOM112	Introduction to Communication contexts		12
KCOM122	Introduction to Corporate Communication		12
<b>Social Work</b>			
BSWG112	Human behaviour in the social environment across the life span		12
BSWG121	Life skills and counselling		12

Module code	Descriptive name	Pre-requisites	Credits
<b>Human Movement Science</b>			
MBWK112	Motor Learning		12
MBWK114	Sport organization and administration		12
MBWK216	Biomechanics		8
MBWK217	Sport injuries	MBWA112 (40)	8
MBWK219	Sport and Exercise Physiology I		8
MBWK223	Kinanthropometry	MBWA112 (40)	8
MBWK225	Sport and Exercise Physiology II	MBWK219 (40)	8
MBWK226	Sport and Exercise Psychology		8
MBWK315	Applied Exercise Physiology		16
MBWK316	Biokinetics		16
MBWK324	Research Methodology		16
MBWK325	Applied Exercise Science Practice	MBWK315	16
<b>Business Management</b>			
BMAN111	Introduction to Business Management		12
BMAN121	General Management		12
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
<b>Recreation Science</b>			
RKKX113	Introduction to Recreation Science		12
RKKX123	Introduction to Outdoor Recreation		12
RKKX214	Recreation Leadership		16
RKKX224	Applied Recreation Practice		16
RKKX314	Professional Issues in Recreation Science		16
RKKX315	Leisure Time Facilitation		16
RKKX324	Leisure Time Programming		16
RKKX325	Recreation Management		16
<b>Sport Science</b>			
MBXK124	Generic Coaching Science		12
MBXA211 OR MBXN211 OR MBXS211 OR MBXT211	Coaching Science in Swimming or Tennis or Athletics or Netball		8

Module code	Descriptive name	Pre-requisites	Credits
MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	Coaching science in Gymnastics or Hockey or Cricket or Rugby		8
<b>Tourism Management</b>			
TMBP111	Introduction to Tourism Management		12
TMBP121	Introduction to Hospitality Management		12
TMBP211	Applied Tourism Management	BMAN121	16
TMBP221	Tourism Marketing		16
TMBP311	Sustainable Ecotourism		16
TMBP312	Introduction to Event Management		16
TMBP321	Game farm Management		16
TMBP322	Applied Event Management		16
*ONTP311	Ecotourism		16
*ONTP321	Tourism Marketing		16

\*ONTP-modules are phasing out and will only be presented during 2010

### **G.3.4.5 Curriculum: Human Movement Science en Psychology**

#### **G.3.4.5.1 Curriculum outcomes**

After completion of the curriculum students should:

- a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of psychology applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios
- b) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.
- c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

#### **G.3.4.5.2 Specific Faculty rules for Curriculum**

- a) Students should adhere to pre-requisites mentioned in the list of modules, before progressing to follow-up modules.
- b) Successful acquisition of the Bachelor of Arts degree gives admission to the honors degree in any of the specialty fields namely Biokinetics, Sport Science, Kinder Kinetics or Psychology, but is subject to a selection process and availability of capacity in the subject field.



**G.3.4.5.3 Compilation of Curriculum: Human Movement Science and Psychology**  
**Qualification and programme code: 100 167; Curriculum code: G301P**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	MBWK216	H	8	MBWK315	H	16
FLGX114	X	12	MBWK217	H	8	MBWK316	H	16
MBWA112	H	12	MBWK219	H	8	PSYC311	H	16
MBWK112	H	12	MBXA211 OR MBXN211 OR MBXS211 OR MBXT211	X	8	PSYC312	H	16
MBWK114	H	12	PSYC211	H	16	WVES311	X	12
PSYC111	H	12	PSYC212	H	16			
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>76</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	MBWK223	H	8	MBWK324	H	16
FLGX124	X	12	MBWK225	H	8	MBWK325	H	16
MBWA122	H	12	MBWK226	H	8	PSYC321	H	16
MBXK124	X	12	MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	X	8	PSYC322	H	16
PSYC121	H	12	PSYC221	H	16			
			WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total year level 1</b>		<b>120</b>	<b>Total year level 2</b>		<b>124</b>	<b>Total year level 3</b>		<b>140</b>
<b>Credit total of the Curriculum</b>								<b>384</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.

**G.3.4.6 Curriculum: Recreation Science and Psychology**

**G.3.4.6.1 Curriculum outcomes**

After completion of this curriculum students should be able to:

Demonstrate critical and creative thinking in the use of science, research and technology with relevant theoretical knowledge (models, theories, etc.) to demonstrate skills and values as entrepreneurs or employees in the field of adventure therapy by means of integrated projects (case studies, scenarios – problem solving) and added capabilities in community involvement.

**G.3.4.6.2 Specific Faculty rules for Curriculum**

- Students should adhere to pre-requisites mentioned in the list of modules, before progressing to follow-up modules.
- Successful acquisition of the Bachelor of Arts degree gives admission to the honors degree in Recreation Science or Psychology, and is subject to a selection process and availability of capacity in the subject field.

**G.3.4.6.3 Compilation of Curriculum: Recreation Science and Psychology**

**Qualification and programme code:** 100 167; **Curriculum code:** G302P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	MBWK217	X	8	PSYC311	H	16
BMAN111	X	12	PSYC211	H	16	PSYC312	H	16
BSWG112	X	12	PSYC212	H	16	RKKX314	H	16
MBWK112	X	12	RKKX214	H	16	RKKX315	H	16
MBWK114	X	12				WVES311	X	12
PSYC111	H	12						
RKKX113	H	12						
<b>Total 1<sup>st</sup> semester</b>		<b>72</b>	<b>Total 1<sup>st</sup> semester</b>		<b>56</b>	<b>Total 1<sup>st</sup> semester</b>		<b>76</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	MBWK226	X	8	PSYC321	H	16
BSWG121	X	12	PSYC221	H	16	PSYC322	H	16
KCOM122	X	12	RKKX224	H	16	RKKX324	H	16
PSYC121	H	12	WVGW221	X	12	RKKX325	H	16
RKKX123	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>52</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>132</b>	<b>Total Year Level 2</b>		<b>108</b>	<b>Total Year Level 3</b>		<b>140</b>
<b>Credit total of the Curriculum</b>								<b>380</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLA111.

**G.3.4.7 Curriculum: Recreation Science and Tourism Management****G.3.4.7.1 Curriculum outcomes**

After completion of this curriculum students should be able to:

demonstrate critical and creative thinking in the use of science, research and technology with relevant theoretical knowledge (models, theories, etc.) to demonstrate skills and values as entrepreneurs or employees in the field of adventure therapy by means of integrated projects (case studies, scenarios – problem solving) and added capabilities in community involvement.

**G.3.4.7.2 Specific Faculty rules for Curriculum**

- Students should adhere to pre-requisites mentioned in the list of modules, before progressing to follow-up modules;
- Faculty of Economic and Business Management Sciences will be introducing their new programmes on an annual basis. Consequently, TMBP311, TMBP312, TMBP 321 and TMBP322 will only be presented from 2011. ONTP311 (16) and ONTP321 (16) are therefore still valid for 2010;
- Successful acquisition of the Bachelor of Arts degree gives admission to the honors degree in Recreation Science or Tourism Management, but is subject to a selection process and availability of capacity in the subject field.

**G.3.4.7.3 Compilation of Curriculum: Recreation Science and Tourism Management**

Qualification and programme code: 100 167; Curriculum code: G303P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	MBWK217	X	8	*ONTP311	H	16
KCOM112	X	12	PSYC211	X	16	RKKX314	H	16
MBWK114	X	12	RKKX214	H	16	RKKX315	H	16
PSYC111	X	12	TMBP211	H	16	WVES311	X	12
RKKX113	H	12						
TMBP111	H	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>56</b>	<b>Total 1<sup>st</sup> semester</b>		<b>60</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	MBWK226	X	8	MBWK324	H	16
BMAN121	X	12	RKKX224	H	16	*ONTP321	H	16
KCOM122	X	12	TMBP221	H	16	RKKX324	H	16
PSYC121	X	12	WVGW221	X	12	RKKX325	H	16
RKKX123	H	12						
TMBP121	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>52</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>132</b>	<b>Total Year Level 2</b>		<b>108</b>	<b>Total Year Level 3</b>		<b>124</b>
<b>Credit total of the Curriculum</b>								<b>364</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.

\*ONTP311 and ONTP321 are phased out and will only be presented in 2010 (according to G.3.2.4.2).

## **G.3.5 PROGRAMME: SOCIAL WORK AND PSYCHOLOGY**

### **G.3.5.1 Qualification and programme code: 100 168**

The curriculum encompasses training in Social Work and Psychology as majors with Sociology as supplementary subject. Psychology is taken in conjunction with Social Work up to the third year level. The subject Social Work includes both theoretical and practical training to equip students for service delivery in the broader field of community development. If a student is registered as Social Support Worker at the South African Council for Social Work, he/she will be subordinated by the regulations of the Statutory Council.

### **G.3.5.2 Admission requirements for the program**

**Required APS-score: 20**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

### **G.3.5.3 Specific Faculty requirements**

- a) Students registered for the Bachelor of Arts degree (with Social Work and Psychology as majors), must report for a selection process before the end of the first year of study. The selection process should be completed before the first semester of the second study year.
- b) In accordance with the statutory requirements of the Act on Social Work (Act 110 of 1978), no students will be allowed to register for Social Work modules on second- or third year level unless registered as Student Social Worker.
- c) The composite fees payable for the prescribed modules do not cover all costs regarding the prescribed work. The student will be responsible to pay expenses related to practical work during university holidays and for block placements.
- d) Students may only change their studies (registered study programmes / curricula), with the written consent of the respective school directors.
- e) Students, must at the end of their third year, submit evidence that they have complied with all the requirements of the practical work.
- f) Also refer to G.1 of this calendar.

### **G.3.5.4 List of Modules 100 131 G301P - phasing out from 2009**

This curriculum will be phasing out from 2009 due to the alignment of programmes – no new students will be taken in. Students who entered as first year students in 2009, but failed modules should register for the new module codes from 2010.

*(Modules which will no longer be presented in 2009, have been deleted from the original list and/or replaced with the new module codes.)*

Module code	Descriptive name	Credits	Assumed learning requirement/ References
	<b>Prescribed modules</b>		
#AGLA/E111	Introduction to academic literacy	-	See rule G.1.12
AGLA/E121	Language proficiency	12	AGLA/E111
	<b>Social Work</b>		
BSWG111	Introduction to Social Work as profession	12	
BSWG112	Human behaviour in the social environment across the life span	12	
BSWG113	Introduction to professional behaviour	12	
BSWG121	Life skills and counselling	12	
BSWG122	Understanding social development	12	
MWKG261	The nature of Social group work	8	
MWKG262	The nature of community work and community development	8	
MWKG312	Integrated practice intervention A	16	MWKG213 (40) MWKG221 (40)
MWKG321	Integrated practice intervention B	8	MWKG213 (40) MWKG262
MWKG322	The application of Social group work	16	MWKG261 (40)
MWKG332	Family-centered interventions: prevention and empowerment	8	
MWKG342	The application of community work and community development	8	
MWKG362	Chemical dependence-centered interventions	8	
MWKG363	Youth-Centered interventions	8	
	<b>Psychology</b>		
PSYC111	Introduction to Psychology	12	
PSYC121	Social and Community Psychology	12	
PSYC211	Developmental Psychology	16	
PSYC212	Personality Psychology	16	
PSYC221	Positive Psychology	16	
PSYC311	Psychopathology	16	
PSYC312	Psychometrics and research	16	
PSYC321	Basic Counseling and ethical conduct	16	
PSYC322	Applied Psychology	16	All preceding PSYC-modules must be passed
	<b>Sociology</b>		
SOCL111	Introduction to Sociology : Basic Concepts and themes	12	
SOCL121	Introduction to Sociology: Institutions and the South African context	12	
SOCL211	Sociology of development and social problems	16	
SOCL221	Sociology of the family and group dynamics	16	

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

**G.3.5.5 List of Modules 100 168 G301P - new aligned programme from 2010**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Social Work</b>			
BSWG111	Introduction to Social Work as profession		12
BSWG112	Human behaviour in the social environment accross the life span		12
BSWG113	Introduction to professional behaviour		12
BSWG121	Life skills and counselling		12
BSWG122	Understanding social development		12
BSWG211	Case work as a method: theory and practice	BSWG111	12
BSWG212	Child care Legislation and associated Social Work interventions		8
BSWG213	Introduction to Social policy, Social Welfare policy and Social Work policy		8
BSWG221	Social group work as a method: theory and practice	BSWG111	8
BSWG222	Community work as a method: theory and practice	BSWG111 BSWG122	8
BSWG223	Basic principles of Social Work management		8
BSWG224	Human Rights and Social Justice		8
BSWG311	Approaches, theories and models in Social Work	BSWG312+ BSWG313+	8
BSWG312	Advanced case work: theory and practice	BSWG211 BSWG311+ BSWG313+	12
BSWG313	Advanced community work: theory and practice	BSWG222 BSWG311+ BSWG312+	12
BSWG321	Advanced social group work: theory and practice	BSWG222 BSWG311	12
BSWG322	Social work with families and children: concepts and skills for effective practice	PSYC211	16
BSWG323	Advanced Social policy, Social Welfare policy and Social Work policy	BSWG213	12

Module code	Descriptive name	Pre-requisites	Credits
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Development Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
<b>Sociology</b>			
SOCL111	Introduction to Sociology : Basic Concepts and themes		12
SOCL121	Introduction to Sociology: Institutions and the South African context		12
SOCL211	Sociology of development and social problems		16
SOCL221	Sociology of the family and group dynamics		16

+ Modules BSWG311, BSWG312 & BSWG313 must be taken simultaneously.

### **G.3.5.6 Curriculum: Social Work and Psychology**

#### **G.3.5.6.1 Curriculum outcomes**

The student will be skilled to serve in the field of community development.

#### **G.3.5.6.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology if successful in a selection process, and is subject to availability of capacity in the subject field.

#### **G.3.5.6.3 Compilation of Curriculum: Social Work and Psychology**

*This curriculum is phasing out in 2009 – no new students will be taken in. Students who entered as first year students in 2009 but failed modules should register for the new module codes from 2010.*

**Qualification and programme code: 100 131; Curriculum code: G301P**  
(Phasing out in 2009)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR
AGLA/E111#	-	MWKG213 (H)	8	MWKG312 (H)	16
BSWG111 (H)	12	MWKG233 (H)	8	MWKG332 (H)	8
BSWG112 (H)	12	MWKG243 (H)	8	MWKG342 (H)	8
BSWG113 (H)	12	PSYC211 (H)	16	PSYC311 (H)	16
PSYC111 (H)	12	PSYC212 (H)	16	PSYC312 (H)	16
SOCL111 (X)	12	SOCL211 (X)	16		
<b>Total 1e semester</b>	<b>60</b>	<b>Total 1e semester</b>	<b>72</b>	<b>Total 1e semester</b>	<b>64</b>
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR
AGLA/E121 (X)	12	MWKG221 (H)	8	MWKG321 (H)	8
BSWG121 (H)	12	MWKG251 (H)	8	MWKG322 (H)	16
BSWG122 (H)	12	MWKG261 (H)	8	MWKG362 (H)	8
PSYC121 (H)	12	MWKG262 (H)	8	MWKG363 (H)	8
SOCL121 (X)	12	PSYC221 (H)	16	PSYC321 (H)	16
		SOCL221 (X)	16	PSYC322 (H)	16
		WVGW221 (X)	12		
<b>Total 2e semester</b>	<b>60</b>	<b>Total 2e semester</b>	<b>76</b>	<b>Total 2e semester</b>	<b>72</b>
<b>Total Year Level 1</b>	<b>120</b>	<b>Total Year Level 2</b>	<b>148</b>	<b>Total Year Level 3</b>	<b>136</b>
<b>TOTAL CREDITS FOR THE CURRICULUM</b>					<b>404</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.



**NEW ALIGNED PROGRAMME (phasing in from 2010)**

*All first year students in 2010 register according to the new curriculum*

**Qualification and programme code: 100 168; Curriculum code: G301P**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	BSWG211	H	12	BSWG311	H	8
BSWG111	H	12	BSWG212	H	8	BSWG312	H	12
BSWG112	H	12	BSWG213	H	8	BSWG313	H	12
BSWG113	H	12	PSYC211	H	16	PSYC311	H	16
PSYC111	H	12	PSYC212	H	16	PSYC312	H	16
SOCL111	H	12	SOCL211	H	16			
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>76</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	BSWG221	H	8	BSWG321	H	12
BSWG121	H	12	BSWG222	H	8	BSWG322	H	16
BSWG122	H	12	BSWG223	H	8	BSWG323	H	12
PSYC121	H	12	BSWG224	H	8	PSYC321	H	16
SOCL121	H	12	PSYC221	H	16	PSYC322	H	16
			SOCL221	H	16			
			WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>76</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>152</b>	<b>Total Year Level 3</b>		<b>136</b>
<b>Credit total of the Curriculum</b>								<b>408</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.

## **G.3.6 PROGRAMME: PSYCHOLOGY AND AFRIKAANS AND DUTCH**

### **G.3.6.1 Qualification and programme code: 100 169**

After completion of the programme Psychology and Afrikaans and Dutch, students should:

- a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;
- b) be able to demonstrate competency in practise directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;
- c) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.

### **G.3.6.2 Admission requirements for the program**

**Required APS-score: 20**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

### **G.3.6.3 Specific Faculty requirements**

#### **1. Afrikaans and Dutch**

- a) for admission to Afrikaans: *Language without borders* (AFNP111) and *Afrikaans and Dutch Language and Literature Studies* (AFNP121) at least a level 4 in Afrikaans as home language or a level 5 in Afrikaans as first additional Language on matriculation level is required;
- b) Presentation of elective modules AFNE211, AFNE212 and AFNE213 in a given year may be influenced by the number of students registering for the module, as well as research liabilities and leave arrangements of lecturers. Additional work in Dutch to the satisfaction of the subject group may be required from students;
- c) Students who comply with the admission requirements for AFNL111, 121 or AFNT121, but still have communication problems are referred to the chair of the subject group Afrikaans & Dutch.

#### **2. African languages**

- a) Students who passed a Sotho-language like Setswana, Southern Sotho or Northern Sotho as home language in the grade 12 examination, or who have one of these languages as their home language, may not register for the third language courses in Tswana (ATSN111, ATSN121).

- b) No new enrolments for isiZulu will be allowed in 2010. Only students, who register for AZOE314 and 324, will be allowed to register in order to complete their studies.

### 3. English

- a) ENLS111 (practical module): It is strongly recommended that students with a matriculation result below 60% in English as a second language, or a result below 50% in English as a first language should choose this course.
- b) ENLL111 (Academic module): It is strongly recommended that students with a matriculation result of 60% or more in L2, or a result of 50% or more in L1 should choose this course.
- c) ENLL121: To register for the second semester academic module (ENLL121), a student must have obtained a mark of 60% or more in the academic module of the first semester (ENLL111). Students who fail to obtain 60% for their module mark of the first semester (ENLL111) will be streamed into the service-/practical module of the second semester (ENLS122). However, the English subject group retains the right to consider individual cases on merit.

Also refer to G.1 of this calendar.

#### G.3.6.4 List of Modules 100 169 G301P

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Afrikaans and Dutch</b>			
AFNP111	Afrikaans: Language without borders	See rule G.3.6.3(1)	12
AFNP121	Afrikaans and Dutch language and literature study; the scientific process	See rule G.3.6.3(1)	12
AFNP211	Afrikaans and Dutch: Frameworks for language and literature study	AFNP121	16
AFNP221	Afrikaans and Dutch: Language and literary acts	AFNP211 (40DP)	16
AFNP311	Afrikaans and Dutch: The multitude of voices (I)	AFNP221	32
AFNP321	Afrikaans and Dutch: The multitude of voices (II)	AFNP311 (40DP)	32
<b>English</b>			
ENLL111	Introduction to literary genres (I)	See rule G.3.6.3(3)	12
ENLL121	Introduction to literary genres (II) and grammatical analysis	ENLL111 (60%)	12
ENLL211	Development of literary genres (I) and development of grammatical complexity	ENLL121	16
ENLL221	Development of literary genres (II) and applied Language proficiency	ENLL211 (40DP)	16

<b>Communication studies</b>			
KCOM112	Introduction to Communication contexts		12
KCOM122	Introduction to Corporate Communication		12
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
<b>Setswana</b>			
ATSN111	Setswana: Introduction to Grammatics and Language proficiency	See rule G.3.6.3(2)	12
ATSN121	Setswana: Grammatics and Language proficiency	ATSN111 (40DP)	12
ATSN211	Setswana: Grammatics, Phonetics and Language proficiency	ATSN121	16
ATSN221	Setswana: Grammatics, traditional literature and Language proficiency	ATSN211 (40DP)	16
<b>Creative Writing</b>			
SKRK111	Introduction to creative writing		12
SKRK 121	Creative Writing: The writing of prose	SKRK111	12
SKRK 211	Creative Writing: The writing of poetry	SKRK111	16
SKRK 221	Creative Writing: The writing of child- and youth literature	SKRK111 SKRK121	16
<b>Sociology</b>			
SOCL111	Introduction to Sociology : Basic Concepts and themes		12
SOCL121	Introduction to Sociology: Institutions and the South African context		12
<b>Translation studies</b>			
LPRA111	Translation and Interpretation Studies: Introduction to language practice		12
LPRA121	Translation and Interpretation Studies: Language practice and text	LPRA111 (40DP)	12

**G.3.6.5 Curriculum: Psychology and Afrikaans and Dutch****G.3.6.5.1 Curriculum outcomes**

To provide students the opportunity to obtain degree level skills and applied skills in the field of Psychology and to make them conscious of the added value that language and literature study can offer in the professional field.

**G.3.6.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Afrikaans & Dutch if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.3.6.5.3 Compilation of Curriculum: Psychology and Afrikaans and Dutch**

Qualification and programme code: 100 169; Curriculum code: G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	AFNP211	H	16	AFNP311	H	32
AFNP111	H	12	PSYC211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC212	H	16	PSYC312	H	16
<b>Select TWO:</b> ATSN111 ENLL111 LPRA111 SKRK111 SOCL111	X	12 + 12	<b>Select ONE:</b> ATSN211 ENLL211 SKRK211	X	16			
PSYC111	H	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	AFNP221	H	16	AFNP321	H	32
AFNP121	H	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	WVGW221	X	12	PSYC322	H	16
<b>Select TWO:</b> ATSN121 ENLL121 LPRA121 SKRK121 SOCL121	X	12 + 12	<b>Select ONE:</b> ATSN221 ENLL221 SKRK221	X	16			
PSYC121	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>132</b>	<b>Total Year Level 2</b>		<b>124</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>384</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

### **G.3.7 PROGRAMME: PSYCHOLOGY AND LABOUR RELATIONS**

#### **G.3.7.1 Qualification and programme code: 100 170**

After completion of the programme Psychology and Labour Relations students should:

- a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;
- b) be able to demonstrate competency in practise directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;
- c) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.

#### **G.3.7.2 Admission requirements for the program**

**Required APS-score: 20**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

#### **G.3.7.3 Specific Faculty requirements**

Although this programme will allow students the opportunity to apply for admission to Honors in Labour Relations (Industrial Sociology), it will be required that such students pass the following additional modules: IOPS211, IOPS311, IOPS321, STTN111. (Applicants will be subject to a selection process.)

Also refer to G.1 of this calendar.

**G.3.7.4 List of Modules 100 170 G301P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Labour Relations</b>			
LARM111	Introduction to workplace relations		12
LARM211	Occupational Management		16
LARM221	Work Group Dynamics		16
LARM311	Theory and Practice of Labour Relations		16
LARM321	Management of Labour Relations		16
LARM322	Conflict Management		16
<b>Industrial Psychology</b>			
IOPS121	Occupational Health and Ergonomics		12
IOPS211	Personnel Psychology		16
<b>Communication studies</b>			
KCOM112	Introduction to Communication contexts		12
KCOM122	Introduction to Corporate Communication		12
<b>Business Management</b>			
BMAN111	Introduction to Business Management		12
BMAN121	General Management		12
<b>Public Governance and Administration</b>			
PUMA112	Foundations of Public Management		12
PUMA122	Locus and focus of Public Management		12
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
<b>Law</b>			
JURI224	Labour Law		12

**G.3.7.5 Curriculum: Psychology and Labour Relations****G.3.7.5.1 Curriculum outcomes**

To promote critical- and creative thinking and the utilization of science and technology, in order to empower students with the required theoretical knowledge and practical skills when entering the labour force as employee in an organization or entrepreneur in the field of Labour Relations and Psychology.

**G.3.7.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Labour Relations if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.3.7.5.3 Compilation of Curriculum: Psychology and Labour Relations**

Qualification and programme code: 100 170; Curriculum code: G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	IOPS211	X	16	LARM311	H	16
BMAN111	X	12	LARM211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC211	H	16	PSYC312	H	16
LARM111	H	12	PSYC212	H	16			
PSYC111	H	12						
PUMA112	X	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>48</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	JURI224	X	12	LARM321	H	16
BMAN121	X	12	LARM221	H	16	LARM322	H	16
IOPS121	H	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	WVGW221	X	12	PSYC322	H	16
PSYC121	H	12						
PUMA122	X	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>56</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>132</b>	<b>Total Year Level 2</b>		<b>120</b>	<b>Total Year Level 3</b>		<b>112</b>
<b>Credit total of the Curriculum</b>								<b>364</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.



## **G.3.8 PROGRAMME: PSYCHOLOGY AND ENGLISH**

### **G.3.8.1 Qualification and programme code: 100 171**

After completion of the programme Psychology and English students should:

- a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;
- b) be able to demonstrate competency in practise directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;
- c) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.

### **G.3.8.2 Admission requirements for the program**

**Required APS-score: 20**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

### **G.3.8.3 Specific Faculty requirements**

#### **1. Afrikaans and Dutch**

- a) for admission to Afrikaans: *Language without borders* (AFNP111) and *Afrikaans and Dutch Language and Literature Studies* (AFNP121) at least a level 4 in Afrikaans as home language or a level 5 in Afrikaans as first additional Language on matriculation level is required;
- b) Presentation of elective modules AFNE211, AFNE212 and AFNE213 in a given year may be influenced by the number of students registering for the module, as well as research liabilities and leave arrangements of lecturers. Additional work in Dutch to the satisfaction of the subject group may be required from students;
- c) Students who comply with the admission requirements for AFNL111, 121 or AFNT121, but still have communication problems are referred to the chair of the subject group Afrikaans and Dutch.

#### **2. African languages**

- a) Students who passed a Sotho-language like Setswana, Southern Sotho or Northern Sotho as home language in the grade 12 examination, or who have one of these language as their home language, may not register for the third language courses in Tswana (ATSN111, ATSN121).

- b) No new enrolments for isiZulu will be allowed in 2010. Only students, who register for AZOE314 and 324, will be allowed to register in order to complete their studies.

### 3. English

- a) ENLS111 (practical module): It is strongly recommended that students with a matriculation result below 60% in English as a second language, or a result below 50% in English as a first language should choose this course.
- b) ENLL111 (Academic module): It is strongly recommended that students with a matriculation result of 60% or more in L2, or a result of 50% or more in L1 should choose this course.
- c) ENLL121: To register for the second semester academic module (ENLL121), a student must have obtained a mark of 60% or more in the academic module of the first semester (ENLL111). Students who fail to obtain 60% for their module mark of the first semester (ENLL111) will be streamed into the service-/practical module of the second semester (ENLS122). However, the English subject group retains the right to consider individual cases on merit.

Also refer to G.1 of this calendar.

#### G.3.8.4 List of Modules 100 171 G301P

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Afrikaans and Dutch</b>			
AFNP111	Afrikaans: Language without borders	See rule G.3.6.3(1)	12
AFNP121	Afrikaans and Dutch language and literature study; the scientific process	See rule G.3.6.3(1)	12
AFNP211	Afrikaans and Dutch: Frameworks for language and literature study	AFNP121	16
AFNP221	Afrikaans and Dutch: Language and literary acts	AFNP211 (40DP)	16
<b>English</b>			
ENLL111	Introduction to literary genres (I)	See rule G.3.6.3(3)	12
ENLL121	Introduction to literary genres (II) and grammatical analysis	ENLL111 (60%)	12
ENLL211	Development of literary genres (I) and development of grammatical complexity	ENLL121	16
ENLL221	Development of literary genres (II) and applied Language proficiency	ENLL211 (40DP)	16
ENLL311	Key periods in literature, historical Language proficiency and stylistics	ENLL221	32
ENLL321	South Africa and the World: Postmodern and contemporary literature, socio language proficiency	ENLL311 (40DP)	32

Module code	Descriptive name	Pre-requisites	Credits
	and advanced Language proficiency analysis		
<b>Communication studies</b>			
KCOM112	Introduction to Communication contexts		12
KCOM122	Introduction to Corporate Communication		12
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
<b>Setswana</b>			
ATSN111	Setswana: Introduction to Grammatics and Language proficiency	See rule G.3.6.3(2)	12
ATSN121	Setswana: Grammatics and Language proficiency	ATSN111 (40DP)	12
ATSN211	Setswana: Grammatics, Phonetics and Language proficiency	ATSN121	16
ATSN221	Setswana: Grammatics, traditional literature and Language proficiency	ATSN211 (40DP)	16
<b>Creative Writing</b>			
SKRK 111	Introduction to creative writing		12
SKRK 121	Creative Writing: The writing of prose	SKRK111	12
SKRK 211	Creative Writing: The writing of poetry	SKRK111	16
SKRK 221	Creative Writing: The writing of child- and youth literature	SKRK111 SKRK121	16
<b>Sociology</b>			
SOCL111	Introduction to Sociology : Basic Concepts and themes		12
SOCL121	Introduction to Sociology: Institutions and the South African context		12
<b>Translation studies</b>			
LPRA111	Translation and Interpretation Studies: Introduction to language practice		12
LPRA121	Translation and Interpretation Studies: Language practice and text	LPRA111 (40DP)	12

**G.3.8.5 Curriculum: Psychology and English****G.3.8.5.1 Curriculum outcomes**

To provide students the opportunity to obtain degree level skills and applied skills in the field of Psychology and to make them conscious of the added value that language and literature study can offer in the professional field.

**G.3.8.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or English if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.3.8.5.3 Compilation of Curriculum: Psychology and English**

Qualification and programme code: 100 171; Curriculum code: G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	ENLL211	H	16	ENLL311	H	32
ENLL111	H	12	PSYC211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC212	H	16	PSYC312	H	16
<b>Select TWO (2):</b> AFNP111 ATSN111 LPRA111 SKRK111 SOCL111	X	12 + 12	<b>Select ONE (1):</b> AFNP211 ATSN211 SKRK211	X	16			
PSYC111	H	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	ENLL221	H	16	ENLL321	H	32
ENLL121	H	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	WVGW221	X	12	PSYC322	H	16
<b>Select TWO (2):</b> AFNP121 ATSN121 LPRA121 SKRK121 SOCL121	X	12 + 12	<b>Select ONE (1):</b> AFNP221 ATSN221 SKRK221	X	16			
PSYC121	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>132</b>	<b>Total Year Level 2</b>		<b>124</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>384</b>

# Students who did not pass the compulsory competency test with regard to academic literacy, must register for AGL111.

**G.3.9 PROGRAM: PSYCHOLOGY AND GEOGRAPHY & ENVIRONMENT STUDY**

**G.3.9.1 Qualification and programme code: 100 172**

After completion of the programme Psychology and Geography & Environment study, students should:

- a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;
- b) be able to demonstrate competency in practise directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;
- c) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.

**G.3.9.2 Admission requirements for the program**

**Required APS-score: 20**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

**G.3.9.3 Specific Faculty requirements**

Also refer to G.1 of this calendar.

**G.3.9.4 List of Modules 100 172 G301P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Labour Relations</b>			
LARM111	Introduction to workplace relations		12
LARM211	Occupational Management		16
LARM221	Work Group Dynamics		16
<b>Industrial Psychology</b>			
IOPS121	Occupational Health and Ergonomics		12

Module code	Descriptive name	Pre-requisites	Credits
<b>Geography and Environmental study</b>			
GGFS111	Introductory Physical Geography		12
GGFS121	Introductory Human Geography		12
GGFS211	Economic Geography and Applied Climatology		16
GGFS221	Applied Geomorphology and Climate Change		16
GGFS311	Geographical Information Systems	GGFS111 GGFS121 GGFS211 GGFS221	32
GGFS321	Environmental Geography	GGFS111 GGFS121 GGFS211 GGFS221 GGFS311	32
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
<b>Sociology</b>			
SOCL111	Introduction to Sociology : Basic Concepts and themes		12
SOCL121	Introduction to Sociology: Institutions and the South African context		12
SOCL211	Sociology of development and social problems		16
SOCL221	Sociology of the family and group dynamics		16
<b>Tourism Managment</b>			
TMBP111	Introduction to Tourism Management		12
TMBP121	Introduction to Hospitality Management		12

**G.3.9.5 Curriculum: Psychology and Geography & Environment study****G.3.9.5.1 Curriculum outcomes**

After completion of the curriculum the student will be able to:

- practice as teachers in Geography and Counseling after completion of a post-graduate qualification; and
- practice in the field of Environmental Management, especially in the field of public participation and social influence studies.

**G.3.9.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Geography and Environmental studies if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.3.9.5.3 Compilation of Curriculum: Psychology and Geography & Environment study**

Qualification and programme code: 100 172; Curriculumkode: G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	GGFS211	H	16	GGFS311	H	32
GGFS111	H	12	PSYC211	H	16	PSYC311	H	16
LARM111	X	12	PSYC212	H	16	PSYC312	H	16
PSYC111	H	12	Select ONE(1): LARM211 SOCL211	X	16			
SOCL111	X	12						
TMBP111	X	12						
Total 1 <sup>st</sup> semester		60	Total 1 <sup>st</sup> semester		64	Total 1 <sup>st</sup> semester		64
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	GGFS221	H	16	GGFS321	H	32
GGFS121	H	12	PSYC221	H	16	PSYC321	H	16
IOPS121	X	12	WVGW221	X	12	PSYC322	H	16
PSYC121	H	12	Select ONE (1): LARM221 SOCL221	X	16			
SOCL121	X	12						
TMBP121	X	12						
Total 2 <sup>nd</sup> semester		72	Total 2 <sup>nd</sup> semester		60	Total 2 <sup>nd</sup> semester		64
Total Year Level 1		132	Total Year Level 2		124	Total Year Level 3		128
Credit total of the Curriculum								384

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.

## **G.3.10 PROGRAMME: PSYCHOLOGY AND SETSWANA**

### **G.3.10.1 Qualification and programme code: 100 173**

After completion of the programme Psychology and Setswana students should:

- a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;
- b) be able to demonstrate competency in practise directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;
- c) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences

### **G.3.10.2 Admission requirements for the program**

**Required APS-score: 20**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

### **G.3.10.3 Specific Faculty requirements**

#### **1. Afrikaans and Dutch**

- a) for admission to Afrikaans: *Language without borders* (AFNP111) and *Afrikaans and Dutch Language and Literature Studies* (AFNP121) at least a level 4 in Afrikaans as home language or a level 5 in Afrikaans as first additional Language on matriculation level is required;
- b) Presentation of elective modules AFNE211, AFNE212 and AFNE213 in a given year may be influenced by the number of students registering for the module, as well as research liabilities and leave arrangements of lecturers. Additional work in Dutch to the satisfaction of the subject group may be required from students;
- c) Students who comply with the admission requirements for AFNL111, 121 or AFNT121, but still have communication problems are referred to the chair of the subject group Afrikaans and Dutch

#### **2. African languages**

- a) Students who passed a Sotho-language like Setswana, Southern Sotho or Northern Sotho as home language in the grade 12 examination, or who have one of these language as their home language, may not register for the third language courses in Tswana (ATSN111, ATSN121).



- b) No new enrolments for isiZulu will be allowed in 2010. Only students, who register for AZOE314 and 324, will be allowed to register in order to complete their studies.

### 3. English

- a) ENLS111 (practical module): It is strongly recommended that students with a matriculation result below 60% in English as a second language, or a result below 50% in English as a first language should choose this course.
- b) ENLL111 (Academic module): It is strongly recommended that students with a matriculation result of 60% or more in L2, or a result of 50% or more in L1 should choose this course.
- c) ENLL121: To register for the second semester academic module (ENLL121), a student must have obtained a mark of 60% or more in the academic module of the first semester (ENLL111). Students who fail to obtain 60% for their module mark of the first semester (ENLL111) will be streamed into the service-/practical module of the second semester (ENLS122). However, the English subject group retains the right to consider individual cases on merit.

Also refer to G.1 of this calendar.

#### G.3.10.4 List of Modules 100 173 G301P

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Afrikaans and Dutch</b>			
AFNP111	Afrikaans: Language without borders	See rule G.3.6.3(1)	12
AFNP121	Afrikaans and Dutch language and literature study; the scientific process	See rule G.3.6.3(1)	12
AFNP211	Afrikaans and Dutch: Frameworks for language and literature study	AFNP121	16
AFNP221	Afrikaans and Dutch: Language and literary acts	AFNP211 (40DP)	16
<b>English</b>			
ENLL111	Introduction to literary genres (I)	See rule G.3.6.3(3)	12
ENLL121	Introduction to literary genres (II) and grammatical analysis	ENLL111 (60%)	12
ENLL211	Development of literary genres (I) and development of grammatical complexity	ENLL121	16
ENLL221	Development of literary genres (II) and applied Language proficiency	ENLL211 (40DP)	16
<b>Communication studies</b>			
KCOM112	Introduction to Communication contexts		12

Module code	Descriptive name	Pre-requisites	Credits
KCOM122	Introduction to Corporate Communication		12
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
<b>Setswana</b>			
ATSN111	Setswana: Introduction to Grammars and language proficiency	See rule G.3.6.3(2)	12
ATSN121	Setswana: Grammars and language proficiency	ATSN111 (40DP)	12
ATSN211	Setswana: Grammars, Phonetics and language proficiency	ATSN121	16
ATSN221	Setswana: Grammars, traditional literature and language proficiency	ATSN211 (40DP)	16
ATSN311	Setswana: Morphology, syntax, poetry and language proficiency	ATSN221	32
ATSN321	Setswana: Phonology, prose, drama and language proficiency	ATSN311 (40DP)	32
<b>Creative Writing</b>			
SKRK111	Introduction to creative writing		12
SKRK121	Creative Writing: The writing of prose	SKRK111	12
SKRK11	Creative Writing: The writing of poetry	SKRK111	16
SKRK221	Creative Writing: The writing of child- and youth literature	SKRK111 SKRK121	16
<b>Sociology</b>			
SOCL111	Introduction to Sociology : Basic Concepts and themes		12
SOCL121	Introduction to Sociology: Institutions and the South African context		12
<b>Translation studies</b>			
LPRA111	Translation and Interpretation Studies: Introduction to language practice		12
LPRA121	Translation and Interpretation Studies: Language practice and text	LPRA111 (40DP)	12

**G.3.10.5 Curriculum: Psychology and Setswana****G.3.10.5.1 Curriculum outcomes**

To provide students the opportunity to obtain degree level skills and applied skills in the field of Psychology and to make them conscious of the added value that language and literature study can offer in the professional field.

**G.3.10.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Setswana if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.3.10.5.3 Compilation of Curriculum: Psychology and Setswana**

Qualification and programme code: 100 173; Curriculum code: G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	ATSN211	H	16	ATSN311	H	32
ATSN111	H	12	PSYC211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC212	H	16	PSYC312	H	16
<b>Select TWO (2):</b> AFNP111 ENLL111 LPRA111 SKRK111 SOCL111	X	12 +	<b>Select ONE (1):</b> AFNP211 ENLL211 SKRK211	X	16			
PSYC111	H	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	ATSN221	H	16	ATSN321	H	32
ATSN121	H	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	WVGW221	X	12	PSYC322	H	16
<b>Select TWO (2):</b> AFNP121 ENLL121 LPRA121 SKRK121 SOCL121	X	12 +	<b>Select ONE (1):</b> AFNP221 ENLL221 SKRK221	X	16			
PSYC121	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>132</b>	<b>Total Year Level 2</b>		<b>124</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>384</b>

# Students who did not pass the compulsory skills test with regard to academic literacy, must register for AGLE111.

**G.3.11 PROGRAMME: PSYCHOLOGY AND SOCIOLOGY****G.3.11.1 Qualification and programme code: 100 174**

After completion of the programme Psychology and Sociology students should:

- a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;
- b) be able to demonstrate competency in practise directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;
- c) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.

**G.3.11.2 Admission requirements for the programme**

**Required APS-score: 20**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

**G.3.11.3 Specific Faculty requirements**

Also refer to G.1 of this calendar.

**G.3.11.4 List of Modules 100 174 G301P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Communication studies</b>			
KCOM112	Introduction to Communication contexts		12
KCOM122	Introduction to Corporate Communication		12
<b>Public Governance and Administration</b>			
PUMA112	Foundations of Public Management		12
PUMA122	Locus and focus of Public Management		12
PUMA211	Public policy and planning		16

Module code	Descriptive name	Pre-requisites	Credits
PUMA222	The Government and sustainable development		16
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC modules must be passed	16
<b>Social Anthropology</b>			
SANL112	Introduction to key concepts in Social Anthropology		12
SANL122	Introduction to themes in Social Anthropology research		12
SANL213	Medical Anthropology		16
SANL224	The Anthropology of development		16
<b>Sociology</b>			
SOCL111	Introduction to Sociology : Basic Concepts and themes		12
SOCL121	Introduction to Sociology: Institutions and the South African context		12
SOCL211	Sociology of development and social problems		16
SOCL221	Sociology of the family and group dynamics		16
SOCL311	Social Theory	SOCL111 SOCL121	16
SOCL312	Social Research and methodology	SOCL111 SOCL121	16
SOCL321	Gender studies		16
SOCL322	Social policy		16

### **G.3.11.5 Curriculum: Psychology and Sociology**

#### **G.3.11.5.1 Curriculum outcomes**

To provide students the opportunity to obtain degree level skills and applied skills in the field of Psychology and Sociology in functioning as community developers within the local-, provincial-, and national governments.

#### **G.3.11.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.

- b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Sociology if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.3.11.5.3 Compilation of Curriculum: Psychology and Sociology**

**Qualification and programme code:** 100 174; **Curriculum code:** G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	PSYC211	H	16	PSYC311	H	16
KCOM112	X	12	PSYC212	H	16	PSYC312	H	16
PSYC111	H	12	SOCL211	H	16	SOCL311	H	16
PUMA112	X	12	<b>Select ONE (1)</b> PUMA211 SANL213	X	16	SOCL312	H	16
SANL112	X	12						
SOCL111	H	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	PSYC221	H	16	PSYC321	H	16
KCOM122	X	12	SOCL221	H	16	PSYC322	H	16
PSYC121	H	12	WVGW221	X	12	SOCL321	H	16
PUMA122	X	12	<b>Select ONE (1)</b> PUMA222 SANL224	X	16	SOCL322	H	16
SANL122	X	12						
SOCL121	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>132</b>	<b>Total Year Level 2</b>		<b>124</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>384</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

**G.3.12            PROGRAMME: PSYCHOLOGY AND TOURISM MANAGEMENT**

**G.3.12.1        Qualification and programme code: 100 175**

After completion of the programme Psychology and Tourism Management, students should:

- a) be able to demonstrate complete and systematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;
- b) be able to demonstrate competency in practise directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values, and in achieving outcomes, demonstrate reasoning and communication based on pure world- and human philosophies in a fixed theoretical and value system;
- c) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.

**G.3.12.2        Admission requirements for the program**

**Required APS-score: 20**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

**G.3.12.3        Specific Faculty requirements**

**1. African languages**

- a) Students who passed a Sotho-language like Setswana, Southern Sotho or Northern Sotho as home language in the grade 12 examination, or who have one of these language as their home language, may not register for the third language courses in Tswana (ATSN111, ATSN121).
- b) No new enrolments for isiZulu will be allowed in 2010. Only students, who register for AZOE314 and 324, will be allowed to register in order to complete their studies.

**2. German**

- a) Foreknowledge in German is not a prerequisite to register for GERM111, 121 / GERB111, 121, but the student should be in possession of a Senior Certificate issued by the South African Certification Council.
- b) After successful completion of an admissions/entrance test in the first study year, a student who passed German as a subject during the grade 12 examination may register for GERM211, 221 in the second study year. The credits for GERM111, 121 or GERB111, 121 will in such instance only be granted if the student registered for the modules and completed it successfully.

- c) A student who obtained a language certificate in German at a language institute, specializing in German as foreign language, and who acquired foreknowledge or communication skills equivalent to the outcome level of GERM111, 121 / GERB111, 121, may receive exemption from GERM111 / GERB111 or GERM111 and 121 / GERB111 and 121, after successfully passing an entrance test as well as permission from the director of the School of Languages, to register for GERM121 / GERB121 or GERM211, 221. The student will however not be credited for the modules for which exemption have been granted.
- d) The pre-requisite to register for GERM211, 221, is successful completion and passing of GERM121 or GERB121, and for GERM 311,321, the successful completion and passing of GERM221.
- e) Credits may not be obtained for both GERM111, 121 as well as GERB111, 121.

### 3. French

- a) A student who passed French as grade 12 subject, may not register for FREN111, 121 / FREB111,121.
- b) Students who already have a knowledge of French will be allowed to register for FREN211 after successfully passing an entrance test. In such cases, registration will be allowed from the second study year.
- c) Students who have passed FREB111 and 121, will be allowed to continue with FREN211, 221.
- d) Credits may not be obtained for both FREN111, FREB111 as well as FREN121, FREB121.

Also refer to G.1 of this calendar.

#### G.3.12.4 List of Modules 100 175 G301P

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Labour Relations</b>			
LARM322	Conflict Management		16
<b>German</b>			
GREB111	German for business: Elementary I	See rule G.3.12.3(2)	12
GREB121	German for business: Elementary II	L.2.3.3	12
<b>French</b>			
FREB111	French for business: Elementary I	See rule G.3.12.3(3)	12
FREB121	French for business: Elementary II	FREB111 (40DP)	12
<b>Geography and Environmental studies</b>			
GGFS111	Introductory Physical Geography		12
GGFS121	Introductory Human Geography		12
GGFS211	Economic Geography and Applied Climatology		16
GGFS221	Applied Geomorphology and Climate Change		16



Module code	Descriptive name	Pre-requisites	Credits
<b>Business Management</b>			
BMAN111	Introduction to Business Management		12
BMAN121	General Management		12
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC modules must be passed.	16
<b>Setswana</b>			
ATSN111	Setswana: Introduction to Grammatics and Language proficiency	See rule G.3.12.3(1)	12
ATSN121	Setswana: Grammatics and Language proficiency	ATSN111 (40DP)	12
<b>Tourism Management</b>			
TMBP111	Introduction to Tourism Management		12
TMBP121	Introduction to Hospitality Management		12
TMBP211	Applied Tourism Management	BMAN121	16
TMBP221	Tourism Marketing		16
TMBP311	Sustainable Ecotourism		16
TMBP312	Introduction to Event Management		16
TMBP321	Game farm Management		16
TMBP322	Applied Event Management		16
*ONTP311	Ecotourism		16
*ONTP321	Tourism Marketing		16

\*ONTP- modules will be phasing out and will only be presented in 2010

### **G.3.12.5 Curriculum: Psychology and Tourism Management**

#### **G.3.12.5.1 Curriculum outcomes**

To promote critical- and creative thinking and the utilization of science and technology, in order to empower students with the required theoretical knowledge and practical skills when entering the labour force as an employee in an organization or entrepreneur in the field of Tourism and Psychology

#### **G.3.12.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.

- b) Faculty of Economic and Business Management Sciences will be introducing their new programmes on an annual basis. Consequently, TMBP311, TMBP312, TMBP 321 and TMBP322 will only be presented from 2011. ONTP311 (16) and ONTP321 (16) are therefore still valid for 2010. Students who register on the third year level of this curriculum in 2010, must also register for LARM322 (16), in order to make up the credits needed to acquire the qualification.
- c) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Psychology or Tourism management if successful in a selection process, and is subject to availability of capacity in the subject field.

### G.3.12.5.3 Compilation of Curriculum: Psychology and Tourism Management

Qualification and programme code: 100 175; Curriculum code: G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	GGFS211	X	16	PSYC311	H	16
BMAN111	X	12	PSYC211	H	16	PSYC312	H	16
GGFS111	X	12	PSYC212	H	16	*ONTP311	H	16
PSYC111	H	12	TMBP211	H	16			
TMBP111	H	12						
Select ONE (1) ATSN111 FREB111 GREB111	X	12						
Total 1 <sup>st</sup> semester		60	Total 1 <sup>st</sup> semester		64	Total 1 <sup>st</sup> semester		48
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	GGFS221	X	16	PSYC321	H	16
BMAN121	X	12	PSYC221	H	16	PSYC322	H	16
GGFS121	X	12	TMBP221	H	16	*ONTP321	H	16
PSYC121	H	12	WVGW221	X	12	*LARM322	H	16
TMBP121	H	12						
Select ONE (1) ATSN121 FREB121 GREB121	X	12						
Total 2 <sup>nd</sup> semester		72	Total 2 <sup>nd</sup> semester		60	Total 2 <sup>nd</sup> semester		64
Total Year Level 1		132	Total Year Level 2		124	Total Year Level 3		112
Credit total of the Curriculum								368

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLA111.

\*YEAR LEVEL 3 students must register for LARM322 (Type 16 Credits) in 2010. Due to the alignment of programmes and phasing out of ONTP311 and ONTP321 in 2010 and phasing in of TMBP311, TMBP312 and TMBP321, TMBP322 in 2011, lacking credits will be made up by LARM322 (16), in order to acquire the qualification.

**G.4 RULES FOR THE DEGREE BACHELOR OF ARTS (SPORT-, HEALTH- AND LEISURE SCIENCE)**

This qualification may be acquired in the programme and curriculum described in rule G.1.6 and it can be taken full time.

**G.4.1 DURATION (MINIMUM AND MAXIMUM DURATION)**

The duration of the study for this degree is a minimum of **three (3) years** and a maximum duration of **four (4) years**.

Extension of the study period may take place according to the stipulations of General rule A.4.4 en A.5.6.

**G.4.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**

The General admission requirements are described according to General Rule A.5.1.2.1 and further applicable regulations in introductory rule G.1.11.

- a) University admission;
- b) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account;
- c) The required APS-score is reflected below.
- d) **Language requirement:** A pass mark of 50-59%(level 4) in the language of teaching and learning concerning home language or first additional language level;
- e) Prospective students will be subject to a selection process and availability of capacity in the subject field.

\*Information is subject to change

**G.4.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS**

A student should hold a full Matriculation exemption certificate and an average pass mark of 60% during the matriculation examinations.

**G.4.4 PROGRAMME: HUMAN MOVEMENT SCIENCE AND RECREATION SCIENCE**

**G.4.4.1 Qualification and programme code: 843 100**

The programme and curriculum outcomes are mainly discounted in three areas namely: Sport-, Health-, and Leisure Science.

After completion of this programme the student should be able to:

- a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of psychology applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios
- b) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:

- i) founding it theoretically;
- ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences;
- c) demonstrate that in reaching the outcomes, reasoning and communication are based on a pure world and life philosophy and an established value system.

#### **G.4.4.2 Admission requirements for the programme**

**Required APS-score: 22**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

#### **G.4.4.3 Specific Faculty requirements**

A student who register for Human Movement Science as a major should, prior to starting the module have his/her medical fitness for the module determined.

Students, who want to be considered for Honors selection in Kinder Kinetics, must register for MBXS211 and MBXG221 in their second year.

Also refer to G.1 of this calendar.

#### **G.4.4.4 List of Modules 843 100 G316P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
WVES311	Applied ethics: business ethics, biomedical ethics, ethics of sports and recreation		12
<b>Anatomy</b>			
MBWA112	Functional Anatomy		12
MBWA122	Applied Anatomy	MBWA112 (40)	12
<b>Physiology</b>			
FLGX114	Introductory Physiology for BA and BSc Consumer Sciences		12
FLGX124	Muscle Physiology for BA	FLGX114 (40)	12
<b>Human Movement Science</b>			
MBWK112	Motor Learning		12
MBWK114	Sport organization and administration		12
MBWK216	Biomechanics		8
MBWK217	Sport injuries	MBWA112 (40)	8
MBWK219	Sport and Exercise Physiology I		8
MBWK223	Kinanthropometry	MBWA112 (40)	8

Module code	Descriptive name	Pre-requisites	Credits
MBWK225	Sport and Exercise Physiology II	MBWK219 (40)	8
MBWK226	Sport and Exercise Psychology		8
MBWK315	Applied Exercise Physiology		16
MBWK316	Biokinetics		16
MBWK324	Research Methodology		16
MBWK325	Applied Exercise Science Practice	MBWK315	16
<b>Recreation Science</b>			
RKKX113	Introduction to Recreation Science		12
RKKX123	Introduction to Outdoor Recreation		12
RKKX214	Recreation Leadership		16
RKKX224	Applied Recreation Practice		16
RKKX314	Professional Issues in Recreation Science		16
RKKX315	Leisure Time Facilitation		16
RKKX324	Leisure Time Programming		16
RKKX325	Recreation Management		16
<b>Sport Science</b>			
MBXK124	Generic Coaching Science		12
MBXA211 OR MBXN211 OR MBXS211 OR MBXT211	Coaching Science in Swimming or Tennis or Athletics or Netball		8
MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	Coaching science in Gymnastics or Hockey or Cricket or Rugby		8
<b>Psychology</b>			
PSYC211	Developmental Psychology		16

#### **G.4.4.5 Curriculum: Human Movement Science and Recreation Science**

##### **G.4.4.5.1 Curriculum outcomes**

After completion of this curriculum the student should be able to:

- a) integrate complete knowledge and skills of human movement with the principles of recreation and adventure practices applicable to sport, health and human development in the acquisition of applied skills by problem solving, executing of projects, dealing with true-life case studies and practice-centered scenarios;
- b) individually or in groups link evidence-driven interpretation through analysis, synthesis and evaluation to research results by:

- i) founding it theoretically,
- ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences;
- c) demonstrate that in reaching the outcomes, reasoning and communication are based on a pure world and life philosophy and an established value system.

**G.4.4.5.2 Specific Faculty rules for Curriculum**

- a) Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- b) Successful completion of the Bachelor of Arts degree gives admission to honors level study in Biokinetics, Sport Science, Kinder Kinetics or Recreation Science if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.4.4.5.3 Compilation of Curriculum: Human Movement - and Recreation Science**

Qualification and programme code: 843 100; Curriculumkode: G316P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	MBWK216	H	8	MBWK315	H	16
FLGX114	X	12	MBWK217	H	8	MBWK316	H	16
MBWA112	H	12	MBWK219	H	8	RKKX314	H	16
MBWK112	H	12	MBXA211 OR MBXN211 OR MBXS211 OR MBXT211	X	8	RKKX315	H	16
MBWK114	H	12	PSYC211	X	16	WVES311	X	12
RKKX113	H	12	RKKX214	H	16			
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>76</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	MBWK223	H	8	MBWK324	H	16
FLGX124	X	12	MBWK225	H	8	MBWK325	H	16
MBWA122	H	12	MBWK226	H	8	RKKX324	H	16
MBXK124	H	12	MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	X	8	RKKX325	H	16
RKKX123	H	12	RKKX224	H	16			
			WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>124</b>	<b>Total Year Level 3</b>		<b>140</b>
<b>Credit total of the Curriculum</b>								<b>384</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

**G.5 RULES FOR THE DEGREE : BACHELOR OF SCIENCE**

This qualification may be acquired in the programme and curriculum described in rule G.1.6 and it can be taken full time.

**G.5.1 DURATION (MINIMUM AND MAXIMUM DURATION)**

The duration of the study for this degree is a minimum of **three (3) years** and a maximum duration of **four (4) years**.

Extension of the study period may take place according to the stipulations of General rule A.4.4 en A.5.6

**G.5.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**

The General admission requirements are described according to General Rule A.5.1.2.1 and further applicable regulations in introductory rule G.1.11.

- a) University admission;
- b) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account;  
The required APS-scores for the different programmes are reflected below.  
Mathematics on level 4 (50-59%) and Physical Science on level 4 (50-59%) will be required for all programmes in the Bachelor of Science (Biological Sciences);  
Mathematics on level 3 (40-49%) or Mathematic Literacy level 4 (50-59%) and Physical Science on level 4 (50-59%) will be required for all programmes in the Bachelor of Science (Health Sciences).
- c) **Language requirement:** A pass mark of **50-59%(level 4)** in the language of teaching and learning concerning home language or first additional language level;

\*Information is subject to change

**G.5.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS**

Prospective students will be subject to a selection process and capacity restrictions in the subject field.

**G.5.4 PROGRAMME: BIOLOGICAL SCIENCES**

**G.5.4.1 Qualification and programme code: 200 112**

In this programme there are curricula of which the major modules resort under the Faculties of Health Sciences and Natural Sciences.

The curricula composed in this programme give a good basic training in the Health Sciences. In the composition of the curricula consideration was given to career possibilities and occupational needs of our country. These curricula also prepare the student for post-graduate study in the various majors.



The purpose of the BSc degree in Biological Sciences is to contribute to the personal development of students and to provide students the opportunity to obtain degree level skills, views and applied scientific competencies.

After following this programme those who had qualified will be able to:

- demonstrate contextually relevant scientific knowledge and/or competencies and comprehension of it within the broad terrain of the Health Sciences;
- demonstrate sound scientific knowledge and applied competencies in specific contexts such as schools, work-places and the community in an ethically accountable manner with regard to: basic aid and programme presentation within the context of the various health science subject disciplines;
- practice the identification and prevention of health problems in such a way that responses will indicate that responsible decisions have been taken by thinking scientifically, critically and creatively;
- to work from a fortigenic perspective through application of expert knowledge and experience focused on basic preventive and health-promoting interventions;
- understand the specific behaviour of the various communities in South Africa that can be injurious to health and to investigate it and communicate it in a scientifically accountable way;
- address the changing indigenous needs, requirements and circumstances of the South African society – be it that of the past or the expected future – and in such a way to demonstrate insight into the world as a collection of related systems;
- apply contextually relevant health science approaches, methodologies, techniques and skills within a culturally diverse environment in order to facilitate human and organizational development where applicable;
- effectively work with others at an individual level, as well as together in a team, group, organization and community, and to fulfill a leadership role;
- effectively, ethically and responsibly apply self-management and management of own activities;
- collect, analyze and organize information, as well as the critical and grounded evaluation of information, in order to demonstrate insight in the collection of knowledge and coherence of science;
- effectively apply listening, reading, writing, discourse and argumentation skills;
- demonstrate language skills by effectively communicating by means of visual and/or audiovisual devices in oral, writing and/or audiovisual presentations;
- implement acquired expert knowledge, competencies and views in a working environment;

- develop personally and to contribute to the social and economic development of society by:
  - knowing and respecting North-West University's views with regard to human nature and practicing science;
  - reflection on and continuous investigation of a variety of learning and intellectual strategies in order to learn more effectively and efficiently as lifelong learner;
  - exploring educational and occupational possibilities within the field of health sciences as well as the development of entrepreneurial opportunities; and by
  - the development of work ethics that includes responsibility, integrity, punctuality, realization of vocation, readiness to serve, accuracy and drive.

#### **G.5.4.2 Admission requirements for the programme**

**Required APS-score: 24**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

#### **G.5.4.3 Specific Faculty requirements**

Also refer to G.1 of this calendar.

#### **G.5.4.4 List of Modules 200 112 G301P, G302P, G303P, G304P, G305P, G306P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
WVNS211	Understand the natural world		12
<b>Biochemistry</b>			
BCHN213	Introductory Biochemistry	CHEN111 CHEN121 CHEN122	16
BCHN222	Clinical Biochemistry		16
BCHS311	Enzymology and Metabolism	BCHN222	16
BCHS312	Molecular and Analytical Biochemistry	BCHN213	16
BCHS321	Analytical Biochemistry B	BCHN312	16
BCHS322	Independent Project	BCHN311 BCHN321	16

Module code	Descriptive name	Pre-requisites	Credits
<b>Chemistry</b>			
CHEM111	Introductory inorganic and physical chemistry		12
CHEM121	Introductory organic chemistry		12
CHEN211	Analytical Methods I	CHEM111 CHEM121	8
CHEN212	Physical Chemistry II	CHEM111 CHEM121 WISN111 WISN121	8
CHEN213	Organic Chemistry II Pharmacy/Biological Sciences	CHEM111 CHEM121	8
CHEN222	Inorganic Chemistry II	CHEM111 CHEM121 WISN111 WISN121	8
CHEN223	Organic Chemistry II	CHEM111 CHEM121	8
CHEM311	Analytical Methods III	CHEN211 CHEN212 WISN111 WISN121	16
CHEN312	Physical Chemistry III	CHEN212 WISN111 WISN121	16
CHEN321	Inorganic Chemistry III	CHEN212 CHEN222 WISN111 WISN121	16
CHEN322	Organic Chemistry III	CHEN212 CHEN223 WISN111 WISN121	16
<b>Zoology</b>			
DRKS111	Lower Invertebrates		12
DRKS121	Higher Invertebrates and Chordates		12
DRKN211	Developmental Biology	DRKS111 DRKS121	16
DRKS221	Comparative Animal Physiology	DRKS111 DRKS121	16
DRKS311	Ecology	DRKS221	32
DRKN321	Parasitology	DRKS311	16
DRKS322	Ethology	DRKS311 DRKN211	16
<b>Physics</b>			
FSKS112	Physics for Biology I	Univ. Admission with 50% in Physical Science	12
FSKS122	Physics for Biology II	FSKS112	12

Module code	Descriptive name	Pre-requisites	Credits
<b>Physiology</b>			
FLGX113	Introductory Physiology		12
FLGX123	Membrane and Muscle Physiology	FLGX113 (40)	12
FLGX213	Endocrine system and digestion	FLGX113 (40)	16
FLGX223	Physiological defense mechanisms	FLGX113 (40)	8
FLGX224	Metabolism	FLGX213 (40)	8
FLGX312	Excretion		8
FLGX313	Respiration		8
FLGX314	Cardiovascular Physiology		16
FLGX325	Neurophysiology		16
FLGX326	Reproductive and environmental physiology		16
<b>Microbiology</b>			
MKBN211	Introductory Microbiology	CHEM111 CHEM121	16
MKBS221	Introductory Microbial Genetics, Virology and Immunology	MKBN211	16
MKBS311	Microbial Ecology	MKBN211	16
MKBS312	Microbial Diversity	MKBN211	16
MKBS321	Microbial Physiology	MKBN211	16
MKBS322	Recombinant DNA Technology and Industrial Microbiology	MKBN211 MKBS221	16
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
<b>Computer Science and Information systems</b>			
ITRW112	Introduction to Computers and Programming		12
ITRW123	Graphic Interface Programming I	ITRW112	12
ITRW124	Programming I	ITRW112	12
ITRW212	Programming II	ITRW124	16
ITRW213	Systems Analysis I	ITRW123 OR ITRW124	16
ITRW222	Data Structures and Algorithms	ITRW212	16
ITRW225	System Analysis and Design II	ITRW213	16
ITRW311	Databases I	ITRW225	16
ITRW316	Operating Systems	ITRW222	16
ITRW321	Databases II	ITRW311	16
ITRW322	Computer Networks	ITRW316	16

Module code	Descriptive name	Pre-requisites	Credits
<b>Statistics</b>			
STTN111	Descriptive Statistics		12
STTN121	Introductory Statistical Inference I	STTN111	12
<b>Mathematics</b>			
WISN111	Introductory Algebra and Analysis I		12
WISN121	Introductory Algebra and Analysis II	WISN111	12
WISN211	Analysis III	WISN121	8
WISN212	Linear Algebra I	WISN121	8
WISN221	Analysis IV	WISN211	8
WISN222	Linear Algebra II	WISN212	8
WISN311	Real Analysis I	WISN221	16
WISN312	Combinatorics	WISN121	16
WISN321	Real Analysis II	WISN311	16
WISN322	Algebraic Structures	WISN121	16
<b>Applied mathematics</b>			
TGWN222	Numerical Analysis	WISN121	8

#### **G.5.4.5 Curriculum: Physiology and Biochemistry**

##### **G.5.4.5.1 Curriculum outcomes**

After completion of the curriculum the student should have knowledge of:

- the normal and pathological life phenomena;
- functioning of the various human systems as well as the integration and coherence thereof;
- the molecular base of life phenomena and the pathology of congenital defects;
- the flow of genetic information and energy supply, and
- health problems in South Africa

##### **G.5.4.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Successful completion of the Bachelor of Science degree gives admission to honors level study in Physiology or Biochemistry if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.5.4.5.3 Compilation of Curriculum: Physiology and Biochemistry**

Qualification and programme code: 200 112; Curriculum Code: G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	BCHN213	H	16	BCHS311	H	16
CHEM111	X	12	CHEN211	X	8	BCHS312	H	16
DRKS111	X	12	CHEN212	X	8	FLGX312	H	8
FLGX113	H	12	FLGX213	H	16	FLGX313	H	8
FSKS112	X	12	WVNS211	X	12	FLGX314	H	16
WISN111	X	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	BCHN222	H	16	BCHS321	H	16
CHEM121	X	12	CHEN222	X	8	BCHS322	H	16
FLGX123	H	12	CHEN223	X	8	FLGX325	H	16
FSKS122	X	12	FLGX223	H	8	FLGX326	H	16
WISN121	X	12	FLGX224	H	8			
			WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>120</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>368</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLA111.

**G.5.4.6 Curriculum: Physiology and Chemistry**
**G.5.4.6.1 Curriculum outcomes**

At the successful completion of this curriculum the student will have knowledge and insight into:

- the normal and pathological life phenomena;
- functioning of different human systems and the integration and coherence thereof;
- the interaction of man and his internal and external environment;
- the chemical base of life phenomena; and
- Health risks in South Africa

**G.5.4.6.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.

- b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Physiology or Chemistry if successful in a selection process, and is subject to availability of capacity in the subject field.

#### G.5.4.6.3 Compilation of Curriculum: Physiology and Chemistry

Qualification and programme code: 200 112; Curriculum code: G302P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLAE111#	A	-	BCHN213	X	16	CHEM311	H	16
CHEM111	H	12	CHEN211	H	8	CHEN312	H	16
DRKS111	X	12	CHEN212	H	8	FLGX312	H	8
FLGX113	H	12	FLGX213	H	16	FLGX313	H	8
FSKS112	X	12	WVNS211	X	12	FLGX314	H	16
WISN111	X	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLAE121	X	12	BCHN222	X	16	CHEN321	H	16
CHEM121	H	12	CHEN222	H	8	CHEN322	H	16
FLGX123	H	12	CHEN223	H	8	FLGX325	H	16
FSKS122	X	12	FLGX223	H	8	FLGX326	H	16
WISN121	X	12	FLGX224	H	8			
			WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>120</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>368</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLAE111.

#### G.5.4.7 Curriculum: Physiology and Zoology

##### G.5.4.7.1 Curriculum outcomes

After completion of the curriculum the student will have knowledge of:

- the normal and pathological life phenomena;
- the interaction of man with his internal and external environment;
- the limiting influence of the environment on the functioning of man; and
- animal parasitology and the health risks that it implies on humans.

##### G.5.4.7.2 Specific Faculty rules for Curriculum

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.

- b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Physiology or Zoology if successful in a selection process, and is subject to availability of capacity in the subject field.

#### G.5.4.7.3 Compilation of Curriculum: Physiology and Zoology

Qualification and programme code: 200 112; Curriculum code: G303P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	CHEN211	X	8	DRKS311	H	32
CHEM111	X	12	CHEN213	X	8	FLGX312	H	8
DRKS111	H	12	DRKN211	H	16	FLGX313	H	8
FLGX113	H	12	FLGX213	H	16	FLGX314	H	16
FSKS112	X	12	WVNS211	X	12			
STTN111	X	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	DRKS221	H	16	DRKN321	H	16
CHEM121	X	12	FLGX223	H	8	DRKS322	H	16
DRKS121	H	12	FLGX224	H	8	FLGX325	H	16
FLGX123	H	12	MKBS221	X	16	FLGX326	H	16
FSKS122	X	12	WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>120</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>368</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.

#### G.5.4.8 Curriculum: Physiology and Microbiology

##### G.5.4.8.1 Curriculum outcomes

After completion of the curriculum the student will have knowledge of:

- the normal and pathological life phenomena;
- the functioning of different human systems and the integration and coherence thereof;
- the interaction of micro-organisms and the normal life phenomena of man; and;
- health problems in South Africa

##### G.5.4.8.2 Specific Faculty rules for Curriculum

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.



- b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Physiology or Microbiology if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.5.4.8.3 Compilation of Curriculum: Physiology and Microbiology**

Qualification and programme code: 200 112; Curriculum code: G304P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLAE111#	A	-	CHEN211	X	8	FLGX312	H	8
CHEM111	X	12	CHEN213	X	8	FLGX313	H	8
DRKS111	X	12	FLGX213	H	16	FLGX314	H	16
FLGX113	H	12	MKBN211	H	16	MKBS311	H	16
FSKS112	X	12	WVNS211	X	12	MKBS312	H	16
STTN111	X	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLAE121	X	12	BCHN222	H	16	FLGX325	H	16
CHEM121	X	12	FLGX223	H	8	FLGX326	H	16
DRKS121	X	12	FLGX224	H	8	MKBS321	H	16
FLGX123	H	12	MKBS221	H	16	MKBS322	H	16
FSKS122	X	12	WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>120</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>368</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLAE111.

**G.5.4.9 Curriculum: Psychology and Computer Science and Information Systems**

**G.5.4.9.1 Curriculum outcomes**

To provide students the opportunity to obtain degree level skills and applied scientific competencies in the field of Information technology (Computer Science and Information Systems) and Psychology.

**G.5.4.9.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Successful completion of the Bachelor of Science degree gives admission to honors level study in Computer Science and Information Systems or Psychology if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.5.4.9.3 Compilation of Curriculum: Psychology and Computer Science and Information Systems**

Qualification and programme code: 200 112; Curriculum code: G305P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	ITRW212	H	16	ITRW311	H	16
ITRW112	H	12	ITRW213	H	16	ITRW316	H	16
PSYC111	H	12	PSYC211	H	16	PSYC311	H	16
STTN111	X	12	PSYC212	H	16	PSYC312	H	16
WISN111	X	12						
<b>Total 1<sup>st</sup> semester</b>		<b>48</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	ITRW222	H	16	ITRW321	H	16
ITRW123	H	12	ITRW225	H	16	ITRW322	H	16
ITRW124	H	12	PSYC221	H	16	PSYC321	H	16
PSYC121	H	12	WVGW221	X	12	PSYC322	H	16
STTN121	X	12						
WISN121	X	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>124</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>372</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLA/E111.

**G.5.4.10 Curriculum: Psychology and Mathematics**

**G.5.4.10.1 Curriculum outcomes**

Give students an opportunity to acquire expert and applied skills on tertiary level in Mathematics and Psychology.

**G.5.4.10.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Pre-requisites for the modules in Mathematics, Computer Science and Statistics, as stated in the calendar of the Faculty of natural Sciences also hold for this programme.
- Successful completion of the Bachelor of Science degree gives admission to honors level study in Psychology or Mathematics if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.5.4.10.3 Compilation of Curriculum: Psychology and Mathematics**

Qualification and programme code: 200 112; Curriculum code: G306P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	ITRW213	X	16	PSYC311	H	16
ITRW112	X	12	PSYC211	H	16	PSYC312	H	16
PSYC111	H	12	PSYC212	H	16	WISN311	H	16
STTN111	X	12	WISN211	H	8	WISN312	H	16
WISN111	H	12	WISN212	H	8			
<b>Total 1<sup>st</sup> semester</b>		<b>48</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	PSYC221	H	16	PSYC321	H	16
ITRW123	X	12	TGWN222	X	8	PSYC322	H	16
ITRW124	X	12	WISN221	H	8	WISN321	H	16
PSYC121	H	12	WISN222	H	8	WISN322	H	16
STTN121	X	12	WVGW221	X	12			
WISN121	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>52</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>116</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>364</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLA111.

**G.5.5 PROGRAMME: HEALTH SCIENCES****G.5.5.1 Qualification and programme code: 200 186**

After successful completion of the programme, students will be able to:

- a) integrate complete and systematic knowledge and skills in Physiology with relevant theories, practices and regulations of Psychology or Nutrition and utilize applied competencies and skills to practice the identification and prevention of health problems in the different communities in South Africa in such a way that responses will indicate that responsible decisions have been taken by thinking scientifically, critically and creatively.
- b) demonstrate scientific knowledge and applied competencies in specific contexts such as schools, work-places, research laboratories and the community from an ethically accountable framework with regard to: basic aid and programme presentation within the context of the various health science subject disciplines;
- c) effectively work with others at an individual level, as well as together in a team, group, organization and community, and to fulfill a leadership role.
- d) collect, analyze and organize information, as well as the critical and grounded evaluation of information, in order to demonstrate insight in the collection of knowledge and coherence science;
- e) effectively communicate by means of visual and/or audiovisual devices in oral, writing audiovisual presentations.

**G.5.5.2 Admission requirements for the programme**

**Required APS-score: 24**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

**G.5.5.3 Specific Faculty requirements**

Also refer to G.1 of this calendar.

**G.5.5.4 List of Modules 200 186 G301P, G302P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
WVNS211	Understand the natural world		12
WVNS313	History of the natural sciences		12
<b>Anatomy</b>			
ANAS122	Systemic anatomy		12

Module code	Descriptive name	Pre-requisites	Credits
<b>Biochemistry</b>			
BCHN213	Introductory Biochemistry		16
BCHN222	Clinical Biochemistry		16
<b>Chemistry</b>			
CHEM111	Introductory inorganic and physical chemistry		12
CHEM121	Introductory organic chemistry		12
<b>Zoology</b>			
DRKS121	Higher Invertebrates and Chordates		12
DRKS221	Comparative Animal Physiology	DRKS111 DRKS121	16
<b>Physics</b>			
FSKS112	Physics for Biology I	Univ admission with 50% for physical science	12
<b>Physiology</b>			
FLGX113	Introductory Physiology		12
FLGX123	Membrane and Muscle Physiology	FLGX113 (40)	12
FLGX213	Endocrine system and digestion	FLGX113 (40)	16
FLGX223	Physiological defense mechanisms	FLGX113 (40)	8
FLGX224	Metabolism	FLGX213 (40)	8
FLGX312	Excretion		8
FLGX313	Respiration		8
FLGX314	Cardiovascular Physiology		16
FLGX325	Neurophysiology		16
FLGX326	Reproductive and environmental physiology		16
<b>Health Care</b>			
VPGR211	Introduction to Primary Healthcare		8
<b>Communication studies</b>			
KCOM112	Introduction to Communication contexts		12
<b>Business Management</b>			
BMAN111	Introduction to Business Management		12
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16

Module code	Descriptive name	Pre-requisites	Credits
<b>Statistics</b>			
STTN111	Descriptive Statistics		12
<b>Nutrition</b>			
VOED113	Introduction to the profession		12
VOED122	Nutrition status		12
VOED211	Nutrients	VOED122 (40)	16
VOED221	Family and community nutrition	VOED211 (40)	16
VOED323	Advanced nutrition and nutrition research	VNDL311 (40)	24
VNDL311	Nutrition: Lifestyle health disorders	FLGX113 (40) FLGX213 (40) VOED211  BCHF215 (40) OR BCHN213 (40) OR FLGX224 (40)	16

### **G.5.5.5 Curriculum: Physiology and Psychology**

#### **G.5.5.5.1 Curriculum outcomes**

- a) To provide students the opportunity to obtain degree level skills and applied scientific competencies in the field of Physiology and Psychology in order to focus on basic and preventative interventions with regard to health;
- b) After completion of the curriculum, students will have knowledge of:
  - i. Normal pathological life phenomena;
  - ii. Functioning of different human systems; the integration and coherence thereof;
  - iii. Health problems in South Africa.

#### **G.5.5.5.2 Specific Faculty rules for Curriculum**

- a) Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Psychology or Physiology if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.5.5.5.3 Compilation of Curriculum: Physiology and Psychology**

Qualification and programme code: 200 186; Curriculum code: G301P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	FLGX213	H	16	FLGX312	H	8
CHEM111	X	12	PSYC211	H	16	FLGX313	H	8
FLGX113	H	12	PSYC212	H	16	FLGX314	H	16
FSKS112	X	12	WVNS211	X	12	PSYC311	H	16
PSYC111	H	12				PSYC312	H	16
STTN111	X	12						
Total 1 <sup>st</sup> semester		60	Total 1 <sup>st</sup> semester		60	Total 1 <sup>st</sup> semester		64
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	DRKS221	X	16	FLGX325	H	16
CHEM121	X	12	FLGX223	H	8	FLGX326	H	16
DRKS121	X	12	FLGX224	H	8	PSYC321	H	16
FLGX123	H	12	PSYC221	H	16	PSYC322	H	16
PSYC121	H	12	WVGW221	X	12			
Total 2 <sup>nd</sup> semester		60	Total 2 <sup>nd</sup> semester		60	Total 2 <sup>nd</sup> semester		64
Total Year Level 1		120	Total Year Level 2		120	Total Year Level 3		128
Credit total of the Curriculum								368

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLA111.

**G.5.5.6 Curriculum: Nutrition and Physiology**
**G.5.5.6.1 Curriculum outcomes**

After completion of the curriculum the student should have knowledge of:

- the normal and pathological life phenomena;
- functioning of the various human systems as well as the integration and coherence thereof;
- alimentary canal processes, the absorption and metabolism as well as the regulating thereof;
- homeostatic principles;
- the effect of nutrition on the physiological/pathological processes in the human body, and
- methods to prevent/solve nutrition-related health problems in individuals and communities.

**G.5.5.6.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.

- b) Successful completion of the Bachelor of Science degree gives admission to honors level study in Nutrition or Physiology if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.5.5.6.3 Compilation of Curriculum: Nutrition and Physiology**

**Qualification and programme code:** 200 186; **Curriculum Code:** G302P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	BCHN213	X	16	FLGX312	H	8
CHEM111	X	12	FLGX213	H	16	FLGX313	H	8
FLGX113	H	12	VOED211	H	16	FLGX314	H	16
KCOM112	X	12	VPGR211	X	8	VNDL311	H	16
STTN111	X	12				WVNS313	X	12
<b>Select ONE (1)</b> BMAN111OR VOED113	X H	12 OR 12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>56</b>	<b>Total 1<sup>st</sup> semester</b>		<b>60</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	BCHN222	X	16	FLGX325	H	16
ANAS122	X	12	FLGX223	H	8	FLGX326	H	16
CHEM121	X	12	FLGX224	H	8	PSYC321	X	16
FLGX123	H	12	VOED221	H	16	VOED323	H	24
VOED122	H	12	WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>116</b>	<b>Total Year Level 3</b>		<b>132</b>
<b>Credit total of the Curriculum</b>								<b>368</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.



**G.5.6            PROGRAMME: HUMAN MOVEMENT SCIENCE AND  
PHYSIOLOGY**

**G.5.6.1        Qualification and programme code: 200 187**

After completion of the programme students should:

- a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of physiology applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios;
- b) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.
- c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

**G.5.6.2        Admission requirements for the program**

**Required APS-score: 24**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Prospective students will be subject to a selection process as well as availability of capacity in the subject field.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

**G.5.6.3        Specific Faculty requirements**

Students enrolling for Human Movement Science as major should, prior to starting the course, has his/her medical fitness for the course determined.

Students, who want to be considered for Honors selection in Kinder Kinetics, must register for MBXS211 and MBXG221 in their second year.

Also refer to G.1 of this calendar.

**G.5.6.4 List of Modules 200 187 G301P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVES311	Applied ethics: business ethics, biomedical ethics, ethics of sports and recreation		12
WVGW221	Know and understand the world of health		12
<b>Anatomy</b>			
MBWA112	Functional Anatomy		12
MBWA122	Applied Anatomy	MBWA112 (40)	12
<b>Chemistry</b>			
CHEM111	Introductory inorganic and physical chemistry		12
CHEM121	Introductory organic chemistry		12
<b>Physiology</b>			
FLGX113	Introductory Physiology		12
FLGX123	Membrane and Muscle Physiology	FLGX113 (40)	12
FLGX213	Endocrine system and digestion	FLGX113 (40)	16
FLGX223	Physiological defense mechanisms	FLGX113 (40)	8
FLGX224	Metabolism	FLGX213 (40)	8
FLGX312	Excretion		8
FLGX313	Respiration		8
FLGX314	Cardiovascular Physiology		16
FLGX325	Neurophysiology		16
FLGX326	Reproductive and environmental physiology		16
<b>Human Movement Science</b>			
MBWK112	Motor Learning		12
MBWK114	Sport organization and administration		12
MBWK216	Biomechanics		8
MBWK217	Sport injuries	MBWA112 (40)	8
MBWK219	Sport and Exercise Physiology I		8
MBWK223	Kinanthropometry	MBWA112 (40)	8
MBWK225	Sport and Exercise Physiology II	MBWK219 (40)	8
MBWK226	Sport and Exercise Psychology		8
MBWK315	Applied Exercise Physiology		16
MBWK316	Biokinetics		16
MBWK324	Research Methodology		16
MBWK325	Applied Exercise Science Practice	MBWK315	16

Module code	Descriptive name	Pre-requisites	Credits
<b>Sport Sciences</b>			
MBXK124	Generic Coaching Science		12
MBXA211 OR MBXN211 OR MBXS211 OR MBXT211	Coaching Science in Swimming or Tennis or Athletics or Netball		8
MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	Coaching science in Gymnastics or Hockey or Cricket or Rugby		8
<b>Nutrition</b>			
VOED211	Nutrients	VOED122 (40)	16

#### **G.5.6.5 Curriculum: Human Movement Science and Physiology**

##### **G.5.6.5.1 Curriculum outcomes**

After completion of the curriculum students should:

- a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of physiology applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios;
- b) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by;
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.
- c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

##### **G.5.6.5.2 Specific Faculty rules for Curriculum**

- a) Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- b) Successful completion of the Bachelor of Science degree gives admission to honors level study in any one of the specialist's areas: Biokinetics, Kinder Kinetics, Sport Sciences or Physiology if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.5.6.5.3 Compilation of Curriculum: Human Movement Science and Physiology**  
**Qualification and programme code: 200 187; Curriculum code: G301P**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	FLGX213	H	16	FLGX312	H	8
CHEM111	X	12	MBWK216	H	8	FLGX313	H	8
FLGX113	H	12	MBWK217	H	8	FLGX314	H	16
MBWA112	H	12	MBWK219	H	8	MBWK315	H	16
MBWK112	H	12	Select ONE(1): MBXA211 MBXN211 MBXS211 MBXT211	X	8	MBWK316	H	16
MBWK114	H	12	VOED211	X	16	WVES311	X	12
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>76</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	FLGX223	H	8	FLGX325	H	16
CHEM121	X	12	FLGX224	H	8	FLGX326	H	16
FLGX123	H	12	MBWK223	H	8	MBWK324	H	16
MBWA122	H	12	MBWK225	H	8	MBWK325	H	16
MBXK124	X	12	MBWK226	H	8			
			Select ONE(1): MBXG221 MBXH221 MBXK221 MBXR221	X	8			
			WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>64</b>
<b>Total YEAR LEVEL 1</b>		<b>120</b>	<b>Total YEAR LEVEL 2</b>		<b>124</b>	<b>Total YEAR LEVEL 3</b>		<b>140</b>
<b>Credit total of the Curriculum</b>								<b>384</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.

**G.5.7 PROGRAMME: HUMAN MOVEMENT SCIENCE AND NUTRITION****G.5.7.1 Qualification and programme code: 200 188**

After completion of the programme students should:

- a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of nutrition applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios;
- b) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.
- c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

**G.5.7.2 Admission requirements for the program**

**Required APS-score: 24**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Prospective students will be subject to a selection process as well as availability of capacity in the subject field.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

**G.5.7.3 Specific Faculty requirements**

Students enrolling for Human Movement Science as major should, prior to starting the course, has his/her medical fitness for the course determined.

Students, who want to be considered for Honors selection in Kinder Kinetics, must register for MBXS211 and MBXG221 in their second year.

Also refer to G.1 of this calendar

**G.5.7.4 List of Modules 200 188 G301P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVES311	Applied ethics: business ethics, biomedical ethics, ethics of sports and recreation		12
WVGW221	Know and understand the world of health		12

Module code	Descriptive name	Pre-requisites	Credits
<b>Anatomy</b>			
MBWA112	Functional Anatomy		12
MBWA122	Applied Anatomy	MBWA112 (40)	12
<b>Chemistry</b>			
CHEM111	Introductory inorganic and physical chemistry		12
CHEM121	Introductory organic chemistry		12
<b>Physiology</b>			
FLGX113	Introductory Physiology		12
FLGX123	Membrane and Muscle Physiology	FLGX113 (40)	12
FLGX213	Endocrine system and digestion	FLGX113 (40)	16
FLGX224	Metabolism	FLGX213 (40)	8
FLGX314	Cardiovascular Physiology		16
<b>Human Movement Science</b>			
MBWK112	Motor Learning		12
MBWK114	Sport organization and administration		12
MBWK216	Biomechanics		8
MBWK217	Sport injuries	MBWA112 (40)	8
MBWK219	Sport and Exercise Physiology I		8
MBWK223	Kinanthropometry	MBWA112 (40)	8
MBWK225	Sport and Exercise Physiology II	MBWK219 (40)	8
MBWK226	Sport and Exercise Psychology		8
MBWK315	Applied Exercise Physiology		16
MBWK316	Biokinetics		16
MBWK324	Research Methodology		16
MBWK325	Applied Exercise Science Practice	MBWK315	16
<b>Sport Science</b>			
MBXK124	Generic Coaching Science		12
MBXA211 OR MBXN211 OR MBXS211 OR MBXT211	Coaching Science in Swimming or Tennis or Athletics or Netball		8
MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	Coaching science in Gymnastics or Hockey or Cricket or Rugby		8
<b>Nutrition</b>			
VOED122	Nutrition status		12
VOED211	Nutrients	VOED122 (40)	16
VOED221	Family and community nutrition	VOED211 (40)	16

Module code	Descriptive name	Pre-requisites	Credits
<b>Nutrition (continue)</b>			
VNDL311	Nutrition: Lifestyle health disorders	FLGX113 (40) FLGX213 (40) VOED211 BCHF215 (40) or BCHN213 (40) or FLGX224 (40)	16
VOED323	Advanced nutrition and nutrition research	VNDL311 (40)	24

#### **G.5.7.5 Curriculum: Human Movement Science and Nutrition**

##### **G.5.7.5.1 Curriculum outcomes**

After completion of the curriculum students should:

- a) be able to integrate well-rounded and systematic knowledge of and skills involving human movement with the principles of nutrition applicable to sport, health and human development in acquiring appropriate competencies by solving problems, carrying out projects, dealing with real-life case studies and practice-oriented scenarios;
- b) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences.
- c) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

##### **G.5.7.5.2 Specific Faculty rules for Curriculum**

- a) Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- b) Successful completion of the Bachelor of Science degree gives admission to honors level study in any one of the specializing areas: Biokinetics, Kinder Kinetics, Sport Sciences or Nutrition if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.5.7.5.3**      **Compilation of Curriculum: Human Movement Science and Nutrition**  
**Qualification and programme code: 200 188; Curriculum code: G301P**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	FLGX213	X	16	FLGX314	X	16
CHEM111	X	12	MBWK216	H	8	MBWK315	H	16
FLGX113	X	12	MBWK217	H	8	MBWK316	H	16
MBWA112	H	12	MBWK219	H	8	VNDL311	H	16
MBWK112	H	12	Select ONE(1): MBXA211 MBXN211 MBXS211 MBXT211	X	8	WVES311	X	12
MBWK114	H	12	VOED211	H	16			
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>76</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	FLGX224	X	8	MBWK324	H	16
CHEM121	X	12	MBWK223	H	8	MBWK325	H	16
FLGX123	X	12	MBWK225	H	8	VOED323	H	24
MBWA122	H	12	MBWK226	H	8			
MBXK124	X	12	Select ONE(1): MBXG221 MBXH221 MBXK221 MBXR221	X	8			
VOED122	H	12	VOED221	H	16			
			WVGW221	X	12			
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>68</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>56</b>
<b>Total Year Level 1</b>		<b>132</b>	<b>Total Year Level 2</b>		<b>132</b>	<b>Total Year Level 3</b>		<b>132</b>
<b>Credit total of the Curriculum</b>								<b>396</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.

**G.5.8**      **PROGRAMME: PSYCHOLOGY AND NUTRITION**

**G.5.8.1**      **Qualification and programme code: 200 189**

After completion of the programme students should:

- be able to demonstrate complete and sistematic knowledge, skills, competencies and values of Psychology, integrated with theoretical principles, processes and techniques of the second major subject;



- b) be able to demonstrate competency in practise directed health situations to identify, analyse, prevent and solve problems through the ethical framework of Psychology and acceptable values;
- c) be able to individually or in groups link evidence-driven interpretation to research results through analysis, synthesis and evaluation by:
  - i) founding it theoretically;
  - ii) effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences
- d) be able to demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.

#### **G.5.8.2 Admission requirements for the programme**

**Required APS-score: 22**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

#### **G.5.8.3 Specific Faculty requirements**

Also refer to G.1 of this calendar.

#### **G.5.8.4 List of Modules 200 189 G301P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
<b>Anatomy</b>			
ANAS122	Systemic anatomy		12
<b>Chemistry</b>			
CHEM111	Introductory inorganic and physical chemistry		12
CHEM121	Introductory organic chemistry		12
<b>Physiology</b>			
FLGX113	Introductory Physiology		12
FLGX123	Membrane and Muscle Physiology	FLGX113 (40)	12
FLGX213	Endocrine system and digestion	FLGX113 (40)	16
FLGX223	Physiological defense mechanisms	FLGX113 (40)	8
FLGX224	Metabolism	FLGX213 (40)	8
FLGX314	Cardiovascular Physiology		16
FLGX325	Neurophysiology		16

Module code	Descriptive name	Pre-requisites	Credits
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling and ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16
<b>Statistics</b>			
STTN111	Descriptive Statistics		12
<b>Nutrition</b>			
VOED113	Introduction to the profession		12
VOED122	Nutrition status		12
VOED211	Nutrients	VOED122 (40)	16
VOED221	Family and community nutrition	VOED211 (40)	16
VNDL311	Nutrition: Lifestyle health disorders	FLGX113 (40) FLGX213 (40) VOED211 BCHF215 (40) OR BCHN213 (40) OR FLGX224 (40)	16
VOED323	Advanced nutrition and nutrition research	VNDL311 (40)	24

#### **G.5.8.5 Curriculum: Psychology and Nutrition**

##### **G.5.8.5.1 Curriculum outcomes**

The student will develop an understanding of the development and functioning of the human being in the context of the diverse society as well as the role of nutrition in health promotion.

##### **G.5.8.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.
- Successful completion of the Bachelor of Science degree gives admission to honors level study in Psychology or Nutrition if successful in a selection process, and is subject to availability of capacity in the subject field.

**G.5.8.5.3 Compilation of Curriculum: Psychology and Nutrition**
**Qualification and programme code: 200 189; Curriculum code: G301P**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	FLGX213	X	16	FLGX314	X	16
CHEM111	X	12	PSYC211	H	16	PSYC311	H	16
FLGX113	X	12	PSYC212	H	16	PSYC312	H	16
PSYC111	H	12	VOED211	H	16	VNDL311	H	16
STTN111	X	12						
VOED113	H	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>	<b>Total 1<sup>st</sup> semester</b>		<b>64</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	FLGX223	X	8	FLGX325	X	16
ANAS122	X	12	FLGX224	X	8	PSYC321	H	16
CHEM121	X	12	PSYC221	H	16	PSYC322	H	16
FLGX123	X	12	VOED221	H	16	VOED323	H	24
PSYC121	H	12	WVGW221	X	12			
VOED122	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>72</b>
<b>Total Year Level 1</b>		<b>132</b>	<b>Total Year Level 2</b>		<b>124</b>	<b>Total Year Level 3</b>		<b>136</b>
<b>Credit total of the Curriculum</b>								<b>392</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

**G.6 RULES FOR THE DEGREE BACHELOR OF SCIENCE IN CONSUMER SCIENCES**

This qualification may only be taken full time at the Potchefstroom Campus.

The first objective of the qualification is to equip students through research and knowledge of the consumer with graduate-level expertise and applicable skills in the learning area of Consumer Sciences to optimize the quality of life of the SA consumer by means of education and training.

The second objective of the qualification is to provide the country with graduates who can guide consumers in an educational and advisory capacity to make informed and responsible decisions in order to improve the general quality of life with respect to the three core areas of Consumer Sciences, namely clothing, consumer resources management and food.

**G.6.1 DURATION (MINIMUM AND MAXIMUM DURATION)**

The duration of the study for this degree is a minimum of **three (3) years** and a maximum duration of **four (4) years**.

Extension of the study period may take place according to the stipulations of General rule A.4.4 en A.5.6.

**G.6.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**

The General admission requirements are described according to General Rule A.5.1.2.1 and further applicable regulations in introductory rule G.1.11.

- a) University admission;
- b) A natural science subject on level 4 (50-59%);
- c) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account;
- d) An APS score of at least 22.
- e) **Language requirement:** A pass mark of **50-59%(level 4)** in the language of teaching and learning concerning home language or first additional language level.
- f) Prospective students will be subject to a selection process consisting of the following components:
  - Academic achievement;
  - An interview with members of a selection panel; and
  - Completion of a selection test.

Particulars of the selection requirements and procedures can be obtained from the School Director of Physiology, Nutrition and Consumer Sciences.

Applications must be submitted before 30 June.

\*Information is subject to change

**G.6.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS**

Admission is subject to the availability of capacity in the subject field.

**G.6.4 PROGRAMME: CONSUMER SCIENCES****G.6.4.1 Qualification and programme code: 845 100**

The curricula is composed in this programme gives a good basic training in Consumer Sciences. In composition of the curricula consideration was given to career opportunities and personnel needs of our country.

**G.6.4.2 Admission requirements for the programme**

**Required APS-score: 22**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

**G.6.4.3 Specific Faculty requirements**

Also refer to G.1 of this calendar.

**G.6.4.4 List of Modules 845 100 G301P, G302P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
WVES311	Applied ethics: business ethics, biomedical ethics, ethics of sports and recreation		12
<b>Industrial Psychology</b>			
IOPS121	Occupational Health and Ergonomics		12
<b>Physiology</b>			
FLGX114	Introductory Physiology for BA and BSc Consumer Sciences		12
<b>Microbiology</b>			
MKBX213	Microbiology for food and nutrition		8
<b>Fashion Industry</b>			
VKLE114	Fashion History		12
VKLE214	Introduction to the Fashion industry		16
VKLE312	Textile Studies		16
VKLE321	Fashion industry and psycho-social clothing behaviour	VKLE214 (40)	16
<b>Business Management</b>			
BMAN111	Introduction to Business Management		12

Module code	Descriptive name	Pre-requisites	Credits
BMAN121	General Management		12
BMAN222	Entrepreneurial opportunities		16
<b>Financial Accountancy</b>			
ACCS111	Financial Accounting (Special) – Basic Concepts, Accounting Cycle and Accounting Systems		16
<b>Tourism Management</b>			
TMBP111	Introduction to Tourism Management		12
TMBP121	Introduction to Hospitality Management		12
TMBP221	Tourism Marketing		16
<b>Consumer Resource Management</b>			
VGHB117	Consumer behaviour		12
VGHB122	Design study		12
VGHB221	Consumer purchasing practices and Resource Management		16
VGHB311	Interior design and housing		24
<b>Nutrition</b>			
VOED122	Nutrition status		12
VOED211	Nutrients	VOED122 (40)	16
VOED221	Family and community nutrition	VOED211 (40)	16
<b>Food</b>			
VVDL112	Food		12
VVDL123	Vegetable food groups and systems	VVDL112(40)	12
VVDL213	Animal food groups and systems	VVDL123(40)	16
VVDL324	New food product development processes	VVDL213(40)	16
<b>Food Service Management</b>			
VVDB313	Food Service Management: Systems and large scale production		16
VVDB324	Food Service Management: Management aspects		12

#### **G.6.4.5 Curriculum: Consumer Sciences with Business Management**

##### **G.6.4.5.1 Curriculum outcomes**

At the end of the studies the graduate is able to do the following:

- apply a fully rounded knowledge in the learning areas of Food, Fashion and Textiles, and Interior and Housing, apply basic business knowledge in the retail sector to address the consumer's needs and behaviour and apply acquired knowledge and skills in the business industry;
- identify consumer problems and needs and conduct research on a limited scale;
- function effectively and sensitively as an individual and in a group in a multidisciplinary and cultural context, inform and advise groups of consumers, guide consumers in an educational capacity to make wise decisions regarding their needs, and act as intra- and entrepreneur;

- From his/her own well-grounded perspective the student will strive to be subservient, respect his/her fellow man, the creation and authority, and display initiative, creativity, commitment and perseverance, and be aware of the necessity for practicing lifelong learning.

#### **G.6.4.5.2 Specific Faculty rules for Curriculum**

Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.

Students who are interested in education and entrepreneurship as a career choice as well as for personal development are recommended to complete the following short modules during their study period:

- a) Creative product development
- b) Soft furniture design (important for students interested in interior decoration)
- c) Pattern design (for students interested in fashion design)

The abovementioned short courses are presented as optional modules for Consumer Science students *if there is sufficient interest*.

Students may complete all three abovementioned short courses

Successful completion of the Bachelor of Science degree will give admission to the Honors degree in Consumer Sciences but is subject to a selection process as well as available capacity in the subject field.

#### **G.6.4.5.3 Compilation of Curriculum: Consumer Sciences with Business Management**

Qualification and programme code: 845 100; Curriculum code: G301P

YEAR LEVEL 1	YEAR LEVEL 2	YEAR LEVEL 3
--------------	--------------	--------------

First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	ACCS111	X	16	VGHB311	H	24
BMAN111	X	12	MKBX213	X	8	VKLE312	H	16
FLGX114	X	12	VKLE214	H	16	VVDB313	X	16
VGHB117	H	12	VOED211	X	16	WVES311	X	12
VKLE114	H	12	VVDL213	H	16			
VVDL112	H	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>72</b>	<b>Total 1<sup>st</sup> semester</b>		<b>68</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	IOPS121	X	12	BMAN222	X	16
BMAN121	X	12	VGHB221	H	16	VKLE321	H	16
VGHB122	H	12	VOED221	X	16	VVDB324	X	12
VOED122	X	12	WVGW221	X	12	VVDL324	H	16
VVDL123	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>56</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>128</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>376</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

#### **G.6.4.6 Curriculum: Consumer Sciences with Tourism Management**

##### **G.6.4.6.1 Curriculum outcomes**

At the end of the studies the graduate is able to do the following:

- apply a fully rounded knowledge in the learning areas of Food, Fashion and Textiles, and Interior and Housing, apply basic business knowledge in the retail sector to address the consumer's needs and behaviour and apply acquired knowledge and skills in the tourism industry;
- identify consumer problems and needs and conduct research on a limited scale;
- function effectively and sensitively as an individual and in a group in a multidisciplinary and cultural context, inform and advise groups of consumers, guide consumers in an educational capacity to make wise decisions regarding their needs, and act as intra- and entrepreneur;
- from his/her own well-grounded perspective the student will strive to be subservient, respect his/her fellow man, the creation and authority, and display initiative, creativity, commitment and perseverance, and be aware of the necessity for practicing lifelong learning

##### **G.6.4.6.2 Specific Faculty rules for Curriculum**

Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.



Students who are interested in education and entrepreneurship as a career choice as well as for personal development are recommended to complete the following short modules during their study period:

- Creative product development
- Soft furniture design (important for students interested in interior decoration)
- Pattern design (for students interested in fashion design)

The abovementioned short courses are presented as optional modules for Consumer Science students *if there is sufficient interest*.

Students may complete all three abovementioned short courses.

Successful completion of the Bachelor of Science degree will give admission to the Honors degree in Consumer Sciences but is subject to a selection process as well as available capacity in the subject field.

#### G.6.4.6.3 Compilation of Curriculum: Consumer Sciences with Tourism

Qualification and programme code: 845 100; Curriculum code: G302P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
First semester			First semester			First semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E111#	A	-	ACCS111	X	16	VGHB311	H	24
TMBP111	X	12	MKBX213	X	8	VKLE312	H	16
FLGX114	X	12	VKLE214	H	16	VVDB313	X	16
VGHB117	H	12	VOED211	X	16	WVES311	X	12
VKLE114	H	12	VVDL213	H	16			
VVDL112	H	12						
<b>Total 1<sup>st</sup> semester</b>		<b>60</b>	<b>Total 1<sup>st</sup> semester</b>		<b>72</b>	<b>Total 1<sup>st</sup> semester</b>		<b>68</b>
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3		
Second semester			Second semester			Second semester		
Module code	Type	Cr	Module code	Type	Cr	Module code	Type	Cr
AGLA/E121	X	12	IOPS121	X	12	TMBP221	X	16
TMBP121	X	12	VGHB221	H	16	VKLE321	H	16
VGHB122	H	12	VOED221	X	16	VVDB324	X	12
VOED122	X	12	WVGW221	X	12	VVDL324	H	16
VVDL123	H	12						
<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>56</b>	<b>Total 2<sup>nd</sup> semester</b>		<b>60</b>
<b>Total Year Level 1</b>		<b>120</b>	<b>Total Year Level 2</b>		<b>128</b>	<b>Total Year Level 3</b>		<b>128</b>
<b>Credit total of the Curriculum</b>								<b>376</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.

## **G.7 RULES FOR THE DEGREE BACHELOR OF SOCIAL WORK**

The Baccalaureus Social Work degree is a four year degree that enables the student to register and practice as a Social Worker, as required by the Act on Social Service Professions 1978 (Act 110 of 1978). The teaching and training encompass theoretical as well as practical work.

This degree is only presented full time.

### **G.7.1 DURATION (MINIMUM AND MAXIMUM DURATION)**

The duration of the study for this qualification is a **minimum of four (4) years** and a maximum of **five (5) years**.

Extension of the study period may take place according to the stipulations of General rule A.4.4 en A.5.6.

### **G.7.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**

The General admission requirements are described according to General Rule A.5.1.2.1 and further applicable regulations in introductory rule G.1.11.

- a) a student should be in possession of a full Matriculation exemption certificate with an average pass mark of at least 60% during the matriculation examination;
- b) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account.

The required APS-score is 24.

- c) **Language requirement:** A pass mark of **50-59%(level 4)** in the language of teaching and learning concerning home language or first additional language level.
- d) Prospective students will be subject to a selection process consisting of the following components:
  - Academic achievement;
  - An interview with experts in a selection panel; and
  - Completion of psychometric selection tests.

Particulars of the selection requirements and procedures can be obtained from the Registrar or subject group chair.

\*Information is subject to change

### **G.7.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS**

1. Students registered for the BSW degree may before the end of the first semester in the second year switch to the Bachelor of Arts degree with Social Work as major;
2. Prospective students, who were not selected for admission to the first level of this degree, may register for the first level of the BA-degree with Social Work as a major. Such students may at the end of the first study year apply again for admission to the BSW degree. The process of

selection must be completed at the end of the first semester of the second study year.

3. If needed, the School Director may decide that a student must undergo the selection process again before being admitted to the following study year.
4. With the view on practical work in the third and fourth study years, it is strongly recommended that a student must be in possession of a driver's license. The University cannot guarantee a placement regarding the mini-internship (MWKG471) for students who do not comply with this requirement.

#### **G.7.4 PROGRAMME: SOCIAL WORK**

##### **G.7.4.1 Qualification and programme code: 111 101**

The programme is designed to meet the requirements that the South African Council for Social Service Professions sets for the training of social workers. It also takes cognizance of the career opportunities and occupational needs of the country and also prepares students for post-graduate study in Social Work.

The BSW programme outcomes must meet the requirements as set out by the South African Council for Social Service Professions (SACSSP) and contained in Government Gazette No. 24362.

After completion of the programme the student should be able to:

- work within the ambit of the requirements set by the SA Council for Social Service Professions,
- understand the eco-systems approach and its use in addressing social problems and needs,
- identify, analyse and assess the social problems and needs experienced by the individuals, families, groups and communities for whom he/she is responsible,
- contribute to the solving of the identified problems and fulfilment of the identified needs,
- working effectively with other social workers and members of the multi-professional team, as well as with organisations and communities in direct service delivery,
- organise and manage him/herself and his/her services and activities responsibly and effectively,
- collect, analyse, organise and critically evaluate information as far as social work problems and needs in particular are concerned,
- communicate effectively using visual, mathematical and language skills in the modes of oral and written persuasion within the sphere of his/her service delivery in particular,
- use science and technology effectively and critically, showing responsibility towards the environment and the health and welfare of others,

- contribute to the full development of him/herself and the social and economic development of society at large, by being aware of the importance of:
  - reflecting on and exploring a variety of strategies to learn more effectively,
  - participating as responsible citizens in the life of local communities and regions,
  - being culturally and aesthetically sensitive across a range of social contexts,
  - exploring education and career opportunities, and
  - developing entrepreneurial opportunities.

#### **G.7.4.2 Admission requirements for the program**

##### **Required APS-score: 24**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

#### **G.7.4.3 Specific Faculty requirements**

- a) The fees payable for the prescribed modules do not cover all the costs of the prescribed work. The student will be responsible to pay expenses related to practical work during university holidays and block placements.
- b) Students may only change their study programme/curriculum with the written consent of the respective School directors.
- c) No student is admitted to the module MWKG471 (BSWG472) (Mini-internship) unless he/she has obtained a participation mark of at least 40% in all modules at the first, second and third levels as well as in the modules of the first semester of the fourth level.
- d) Students should prove at the end of their third and fourth years that they have complied with all requirements of the practical works.
- e) Due to statutory requirements, no student will be allowed to register for the subject Social Work in the second, third or fourth year, unless registered as a Student Social Worker in terms of the Social Service Professions Act (Act 110 of 1978).
- f) Also refer to G.1 of this calendar.

#### **G.7.4.4 List of Modules 111 101 G401P - phasing out from 2009**

This curriculum will be phasing out from 2009 due to the alignment of programmes – no new students will be taken in. Students who entered as first year students in 2009 but failed modules should register for the new module codes from 2010.

(Modules which will no longer be presented in 2009, have been cut from the original list and/or replaced with the new module codes.)

### List of modules for Social Work 111 101 G401P (phasing out from 2009)

Year modules are registered in the first year.

Module code	Descriptive name	Credits	Assumed learning requirement/ References
	<b>Prescribed modules</b>		
AGLA111#	Introduction to academic literacy	-	See rule G.1.12
AGLA121	Language proficiency	12	AGLA/E111
	<b>Social Work</b>		
BSWG111	Introduction to Social Work as profession	12	
BSWG112	Human behaviour in the social environment across the life span	12	
BSWG113	Introduction to professional behaviour	12	
BSWG121	Life skills and counselling	12	
BSWG122	Understanding social development	12	
MWKG261	The nature of Social group work	8	
MWKG262	The nature of community work and community development	8	
MWKG312	Integrated practice intervention A	16	MWKG213 (40) MWKG221 (40)
MWKG321	Integrated practice intervention B	8	MWKG213 (40) MWKG221 (40) MWKG262 MWKG312 (40)
MWKG322	The application of Social group work	16	MWKG261 (40)
MWKG332	Family-centered interventions: prevention and empowerment	8	
MWKG342	The application of community work and community development	8	
MWKG362	Chemical dependence-centered interventions	8	
MWKG363	Youth-Centered interventions	8	
MWKG411	Forensic Social Work	16	
MWKG431	Practice research in Social Work	8	
MWKG433	Practice management in Social Work	8	
MWKG434	Family-centered interventions: therapy and counseling	8	
MWKG435	Diversity in professional practice	8	
MWKG441	Social welfare policy	8	MWKG142 SOCL111 (40DP)
MWKG442	The nature of child centered service delivery	8	MWKG121 MWKG243 MWKG363
MWKG444	Health and related service rendering	8	
MWKG446	Approaches, perspectives and theories in Social Work	8	
MWKG461	Applied social work research	24	MWKG431 (40DP)
MWKG462	Professional rounding off	8	MWKG471 (40DP)
MWKG471	Mini-internship	48	MWKG312 MWKG321 G.7.2.1.2 (c)
	<b>Psychology</b>		
PSYC111	Introduction to Psychology	12	
PSYC121	Social and Community Psychology	12	
PSYC211	Developmental Psychology	16	
PSYC212	Personality Psychology	16	

Module code	Descriptive name	Credits	Assumed learning requirement/ References
PSYC221	Positive Psychology	16	
PSYC311	Psychopathology	16	
PSYC312	Psychometrics and research	16	
PSYC321	Basic counseling and ethical conduct	16	
PSYC322	Applied Psychology	16	All preceding PSYC-modules must be passed
	<b>Sociology</b>		
SOCL111	Introduction to Sociology : Basic Concepts and themes	12	
SOCL121	Introduction to Sociology: Institutions and the South African context	12	
SOCL211	Sociology of development and social problems	16	
SOCL221	Sociology of the family and group dynamics	16	
SOCL311	Social Theory	16	
SOCL312	Social Research and methodology	16	
SOCL321	Gender studies	16	
SOCL323	Sociology of faith	16	
SOCL327	Politics Sociology	16	

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

#### G.7.4.5 List of Modules111 101 G402P - phasing in from 2010

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
WVLS314	Man and society: critical perspectives on continuity and change/transformation		12
<b>Social Work</b>			
BSWG111	Introduction to Social Work as profession		12
BSWG112	Human behaviour in the social environment accross the life span		12
BSWG113	Introduction to professional behaviour		12
BSWG121	Life skills and counselling		12
BSWG122	Understanding social development		12
BSWG211	Case work as a method: theory and practice	BSWG111	12
BSWG212	Child care Legislation and associated Social Work interventions		8
BSWG213	Introduction to Social policy, Social Welfare policy and Social Work policy		8

Module code	Descriptive name	Pre-requisites	Credits
<b>Social Work (continue)</b>			
BSWG221	Social group work as a method: theory and practice	BSWG111	8
BSWG222	Community work as a method: theory and practice	BSWG111 BSWG122	8
BSWG223	Basic principles of Social Work management		8
BSWG224	Human Rights and Social Justice		8
BSWG311	Approaches, theories and models in Social Work	BSWG312+ BSWG313+	8
BSWG312	Advanced case work: theory and practice	BSWG211 BSWG311+ BSWG313+	12
BSWG313	Advanced community work: theory and practice	BSWG222 BSWG311+ BSWG312+	12
BSWG321	Advanced social group work: theory and practice	BSWG222 BSWG311	12
BSWG322	Social work with families and children: concepts and skills for effective practice	PSYC211	16
BSWG323	Advanced Social policy, Social Welfare policy and Social Work policy	BSWG213	12
BSWG411	Crime and forensic social work		16
BSWG413	Social Work in host settings		8
BSWG414	Social work services re specific client systems		8
BSWG415	Family and child therapy		12
BSWG416	Social work interventions with regard to substance abuse and dependency		8
BSWG417	Diversity in Social Work		8
BSWG418	Practice management in Social Work		8
BSWG471	Internship (advanced practice intervention)		48
BSWG472	Social work research: theory and practice		24
<b>Psychology</b>			
PSYC111	Introduction to Psychology		12
PSYC121	Social and Community Psychology		12
PSYC211	Developmental Psychology		16
PSYC212	Personality Psychology		16
PSYC221	Positive Psychology		16
PSYC311	Psychopathology		16
PSYC312	Psychometrics and research		16
PSYC321	Basic Counseling & ethical conduct		16
PSYC322	Applied Psychology	All preceding PSYC-modules must be passed	16

Module code	Descriptive name	Pre-requisites	Credits
<b>Sociology</b>			
SOCL111	Introduction to Sociology : Basic Concepts and themes		12
SOCL121	Introduction to Sociology: Institutions and the South African context		12
SOCL211	Sociology of development and social problems		16
SOCL221	Sociology of the family and group dynamics		16
SOCL311	Social Theory	SOCL111 SOCL121	16
SOCL312	Social Research and methodology	SOCL111 SOCL121	16
SOCL321	Gender studies		16
SOCL323	Sociology of faith		16
SOCL327	Politics Sociology		16

**Note:**

1. + Modules BSWG311, BSWG312 & BSWG313 must be taken simultaneously.
2. Students must pass ALL modules in year level 1 to 3 before they will be allowed to progress and register for year level 4.
3. Students taking Sociology as choice module in year level 3 must also register for the compulsory critical outcome module in year level 3. Students registering for Psychology as the choice module, will be exempted thereof.

**G.7.4.6 Curriculum: Social Work**

**G.7.4.6.1 Curriculum outcomes**

The student will be skilled in:

- a) rendering of therapeutic and development-directed social work services;
- b) the utilization of the South African social service rendering system in the rendering of services, and
- c) accomplishment of the variety of social work roles required by the S.A. Council for Social Service Professions

**G.7.4.6.2 Specific Faculty rules for Curriculum**

- a) Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules;
- b) Modules BSWG311, BSWG312 & BSWG313 must be taken simultaneously;
- c) Students must pass ALL modules in year level 1 to 3 before they will be allowed to progress and register for year level 4;
- d) Students taking Sociology as choice module in year level 3 must also register for the compulsory critical outcome module (level 7). Students registering for Psychology as the choice module, will be exempted thereof.



- e) No student is admitted to the module MWKG471 (Mini-internship) unless he/she has obtained a participation mark of at least 40% in all the modules at the first, second and third levels as well as in the modules of the first semester of the fourth level.

#### Articulation and exit points

- a) **Vertical:** This qualification gives admission to the master's level study at all South African universities, as well as various foreign training authorities, and is subject to selection and the availability of capacity in the subject field.
- b) **Horizontal:** This qualification gives admission to any post-graduate qualification/programme for which this degree is accepted as an admission requirement and is subject to selection and the availability of capacity in the subject field.

#### G.7.4.6.3 Compilation of Curriculum: Social Work

As result of programme alignments in 2009, both curricula will be reflected in the calendar until the phasing-out process has been finalized. Students who failed modules should register for the new module codes where applicable and which are accordingly reflected in the curriculum below.

#### CURRICULUM G401P: SOCIAL WORK (phasing out from 2009)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR
AGLA/E111#	-	MWKG213 (H)	8	MWKG312 (H)	16	MWKG411 (H)	16
BSWG111 (H)	12	MWKG233 (H)	8	MWKG332 (H)	8	MWKG431 (H)	8
BSWG112 (H)	12	MWKG243 (H)	8	MWKG342 (H)	8	MWKG433 (H)	8
BSWG113 (H)	12	PSYC211 (H)	16	PSYC311 (H)	16	MWKG434 (H)	8
PSYC111 (H)	12	PSYC212 (H)	16	PSYC312 (H)	16	MWKG435 (H)	8
SOCL111 (X)	12	SOCL211 (X)	16			MWKG441 (H)	8
						MWKG442 (H)	8
						MWKG444 (H)	8
						MWKG446 (H)	8
						MWKG471 (H)	48
<b>Tot. 1e sem.</b>	<b>60</b>	<b>Tot. 1e sem.</b>	<b>72</b>	<b>Tot. 1e sem.</b>	<b>64</b>	<b>Tot. 1e sem.</b>	<b>128</b>
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR
AGLA121 (X)	12	MWKG221 (H)	8	MWKG321 (H)	8	MWKG461 (H)	24
BSWG121 (H)	12	MWKG251 (H)	8	MWKG322 (H)	16	MWKG462 (H)	8
BSWG122 (H)	12	MWKG261 (H)	8	MWKG362 (H)	8		
PSYC121 (H)	12	MWKG262 (H)	8	MWKG363 (H)	8		
SOCL121 (X)	12	PSYC221 (H)	16	PSYC321 (H)	16		
		SOCL221 (X)	16	PSYC322 (H)	16		
		WVGW221(X)	12				
<b>Tot. 2e sem.</b>	<b>60</b>	<b>Tot. 2e sem.</b>	<b>76</b>	<b>Tot. 2e sem.</b>	<b>72</b>	<b>Tot. 2e sem.</b>	<b>32</b>
<b>Tot. Y/level. 1</b>	<b>120</b>	<b>Tot. Y/level. 2</b>	<b>148</b>	<b>Tot. Y/level. 3</b>	<b>136</b>	<b>Tot. Y/ level. 4</b>	<b>160</b>
<b>TOTAL CREDITS FOR THE CURRICULUM</b>							<b>564</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLA111.

**NEW ALIGNED CURRICULUM (Phasing in from 2010)**

**Qualification and programme code: 111 101; Curriculum code: G402P**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			First semester			First semester			First semester		
Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr
AGLA111/ AGLE111#	A	-	BSWG211	H	12	BSWG311	H	8	BSWG411	H	16
BSWG111	H	12	BSWG212	H	8	BSWG312	H	12	BSWG413	H	8
BSWG112	H	12	BSWG213	H	8	BSWG313	H	12	BSWG414	H	8
BSWG113	H	12	PSYC211	H	16	Select between Psychology OR Sociology			BSWG415	H	12
PSYC111	H	12	PSYC212	H	16	PSYC311 and PSYC312	H H	16 and 16	BSWG416	H	8
SOCL111	H	12	SOCL211	H	16	OR			BSWG417	H	8
						SOCL311 and SOCL312	H H	16 and 16	BSWG418	H	8
						*WVLS314	X	12			
Total 1 <sup>st</sup> semester		60	Total 1 <sup>st</sup> semester		76	Total 1 <sup>st</sup> semester		64/ *76	Total 1 <sup>st</sup> semester		68
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
Second semester			Second semester			Second semester			Jaarmodules		
Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr
AGLA121/ AGLE121	X	12	BSWG221	H	8	BSWG321	H	12	BSWG471	H	48
BSWG121	H	12	BSWG222	H	8	BSWG322	H	16	BSWG472	H	24
BSWG122	H	12	BSWG223	H	8	BSWG323	H	12			
PSYC121	H	12	BSWG224	H	8	Select between Psychology OR Sociology					
SOCL121	H	12	PSYC221	H	16	PSYC321 and PSYC322	H H	16 and 16			
			SOCL221	H	16	OR					
			WVGW221	X	12	*Select TWO (2) SOCL321 SOCL323 SOCL327	H H H	16 and 16			
Total 2 <sup>nd</sup> semester		60	Total 2 <sup>nd</sup> semester		76	Total 2 <sup>nd</sup> semester		72	Total 2 <sup>nd</sup> semester		72
Total Year Level 1		120	Total Year Level 2		152	Total Year Level 3		136 / 148	Total Year Level 4		140
<b>Credit total of the Curriculum</b>										<b>548 / *560</b>	

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGL111.

- + Modules BSWG311, BSWG312 & BSWG313 must be taken simultaneously.
- Students must pass ALL modules in year level 1 to 3 before they will be allowed to progress and register for year level 4.
- \*WVLS314: Students taking Sociology as choice module in year level 3 must also register for the compulsory critical outcome module in year level 3. Students registering for Psychology as the choice module, will be exempted thereof.

## **G.8 RULES FOR THE DEGREE BACCALAUREUS PHARMACIAE**

This qualification can be acquired as prescribed in rule G.1.6 and can only be taken full time at the Potchefstroom campus.

The purpose of the programme is to scientifically train and equip pharmacists with the necessary knowledge, specific skills and relevant competencies, so that in rendering professional pharmaceutical services as members of a health team, according to the demands of the time, the needs of the community and international standards, they can make an indispensable contribution to the promotion of health of the population of the Republic of South Africa. In this way students will be given the opportunity to continued, personal, intellectual and professional development in which the country is supplied with a sufficient number of competent pharmacists. The programme is not only directed at intellectual development, equipping and formation of the student but also to her/his general formation as a person.

### **G.8.1 DURATION (MINIMUM AND MAXIMUM DURATION)**

The duration of the study for this qualification is a **minimum of four (4) years** and a maximum of **five (5) years**.

Extension of the study period may take place according to the stipulations of General rule A.4.4 en A.5.6.

### **G.8.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**

General admission requirements stipulated in General Rule A.5.1.2.1 together with the applicable terms in Introductory Rule G.1.11 prevail.

In addition to the general admission requirements the following requirements is applicable to the BPharm programme:

#### **G.8.2.1 For students who obtained a suitable matriculation certificate before 2009:**

- a) An endorsed Senior Certificate issued by the South African Certification Board with full matriculation exemption;
- b) A D-symbol in the higher grade(HG) or a C-symbol in the standard grade (SG) for Mathematics during the final matriculation examination;
- c) A D-symbol in the higher grade(HG) or a C-symbol in the standard grade (SG) for Natural- and Physical Science during the final matriculation examination;
- d) An applicable M-score as determined by the Senate from time to time (for 2008 and earlier it was **19**);
- e) admitted by means of a selection process irrespective of the academic level reached by the student
- f) compliance with a screening test; and
- g) Any further admission requirements as approved from time to time by the Senate.

#### **G.8.2.2 For students who obtained a suitable matriculation certificate in 2009 and afterwards:**

- a) An endorsed Senior Certificate issued by the South African Certification Board with full matriculation exemption

- b) Mathematics and Physical Science level 4 (50-59%)
- c) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account.  
An APS-score of at least **26**;
- d) **Language requirement:** A pass mark of **50-59%(level 4)** in the language of teaching and learning concerning home language or first additional language level.
- e) admitted by means of a selection process irrespective of the academic level reached by the student;
- f) compliance with a screening test; and
- g) any further admission requirements as determined by the Senate from time to time.

\*Information is subject to change

### **G.8.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS**

Admission to **ANY LEVEL** in the BPharm programme, will normally be refused if the student has studied through or at any other university, and **did not pass** all the modules/course units at the first level in Pharmacy, Medicine, Dentistry or Veterinary Science or the courses/programmes of the BSc Med degree or any other similar bachelor degree or diploma in the health sciences in one academic year.

### **G.8.4 PROGRAMME: PHARMACIAE**

#### **G.8.4.1 Qualification and programme code: 800 101**

The purpose of the qualification is to scientifically train and equip pharmacists with the necessary knowledge, specific skills and relevant competencies, so that in rendering a professional pharmaceutical service as members of a health team, according to the demands of the time, the needs of the community and international standards, they can make an indispensable contribution to the promotion of health of the population of the Republic of South Africa. In this way students will be given the opportunity to continued, personal, intellectual and professional development in which the country is supplied with a sufficient number of competent pharmacists. The programme is not only directed at intellectual development, equipping and formation of the student but also to her/his general formation as a person.

The pre-graduation, full time programme for BPharm is presented in Afrikaans. Translation (from Afrikaans to English) is available in all modules from year level 1 to year level 4, whilst all study guides and other study material is also available in English. Examinations and other evaluations may be conducted in Afrikaans or English.

#### **G.8.4.2 Admission requirements for the program**

**Required APS-score: 26**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

#### **G.8.4.3 Specific Faculty requirements**

**IMPORTANT NOTICE:** The curriculum G411P may only be followed by students who registered for it before (in 2009 and earlier), as the program will be phasing out in 2012. Students who wish to register for the program in Pharmacy in 2010 must register for the new curriculum **G412P**.

- a) All current as well as prospective Pharmacy students, to be registered for the programme in 2010, must at the time of registration submit proof of immunization against Hepatitis B, being administered during the previous year;
- b) A student must register as a pharmacist-student with the South African Pharmacy Board (SAPB) in her/his second year on a date in March of the specific year as determined by the SAPB (South African Pharmaceutical Board).
- c) No first year module/courses will be recognized for BPharm studies for students from any other university who failed any curriculum/course in the first year irrespective of the curriculum/study programme for which he/she was registered, on an understanding that recognition may be considered if all lacking courses/modules were passed in the very next examination.
- d) Also refer to G.1 in this calendar.

#### **G.8.4.4 List of Modules 800 101 G411P - phasing out from 2009**

As result of programme alignments in 2009, both lists of modules will be reflected in the calendar until the phasing-out process has been finalized. Students who failed modules should register for the new module codes where applicable.

(Modules which is no longer applicable, have been cut from the list and/or replaced with the new module codes and credits applicable from 2010. Year level 1 of curriculum G411P will be closed at the end of 2009).

#### **List of modules for Pharmacy 800 101 G411P phasing out from 2009**

Year modules must be registered in the first semester.

Module code	Descriptive name	Credits	Assumed learning requirement/ References
	<b>Prescribed modules</b>		
AGLA/E111#	Introduction to academic literacy	-	See rule G.1.12
AGLA/E121	Language proficiency	12	See rule G.1.12
WVPS311	Professional ethics for the Pharmacist	12	
WVGW221	Know and understand the world of health	12	
	<b>Tswana</b>		
ATSW121	Basic Tswana language proficiency for Pharmacy	8	
	<b>Biochemistry</b>		
BCHG215	Biochemistry for Health Sciences	24	CHEN111 CHEN121
	<b>Zoology</b>		
BLPN111	Animal parasitology	8	
	<b>Botany</b>		
BLPN121	Medicinal Botany	8	
	<b>Chemistry</b>		
CHEN111	Chemical principles	8	
CHEN121	Introductory Organic Chemistry	8	CHEN111 (40)
CHEN122	Introductory Inorganic Physical Chemistry	8	CHEN111 (40)
CHEN213	Chemistry for Pharmacy/Biological sciences	8	CHEN111 CHEN121 CHEN122
	<b>Pharmaceutical Chemistry</b>		
FCHG221	Introductory Medicinal Chemistry	16	
FCHG311	Pharmaceutical analysis	16	
FCHG321	Medicinal Chemistry	16	FCHG311 (40)
*FCHG451	Metabolism and pro-drugs	8	BCHG215
	<b>Pharmacology</b>		
FKLG211	Pharmacology I	16	G.8.4.7.2 (b)
FKLG221	Pharmacology II	24	FKLG211 (40)
FKLG311	Pharmacology III	16	G.8.4.7.2 (c) en G.8.4.7.2 (e)
FKLG321	Pharmacology IV	16	FKLG311 (40)
FKLG411	Pharmacology V	16	G.8.4.7.2 (c)
FKLG421	Pharmacology VI	16	FKLG411 (40)
	<b>Physiology</b>		
FLPX111	Introductory Physiology for Pharmacy and Nursing Science A	16	
FLPX121	Introductory Physiology for Pharmacy and Nursing Science	16	FLPX111 (40)
	<b>Pharmaceutics</b>		
FCAG211	Pharmaceutical calculation	8	
FELG421	Choice project	8	G.8.4.7.2 (f)
FMSG211	Dispensing and preparation of drugs	16	G.8.4.7.2 (b)
FMSG221	Bio-pharmaceutics and Pharmacokinetics	8	FMSG211 (40)
FMSG311	Pharmaceutical dosage forms & technology I	16	G.8.4.7.2 (c)
FMSG321	Pharmaceutical dosage forms & technology II	16	FMSG311 (40)
FMSG411	Pharmaceutical dosage forms & technology III	16	G.8.4.7.2 (c)
FMSG422	Biotechnology and innovative pharmaceutical dosage forms	8	FMSG411 (40)
	<b>Clinical Pharmacy</b>		
FPFG311	Clinical pathology	16	G.8.4.7.2 (a)
FPFG321	Health science	16	FPFG311 (40) FKLG221 (40)

Module code	Descriptive name	Credits	Assumed learning requirement/ References
FPFG422	Clinical Pharmacy	24	FKLG311 (40) G.8.4.7.2 (c)
	<b>Pharmacy Practice</b>		
FGPO271	Structured practice training I	4	G.8.4.7.2 (g)
FGPO371	Structured practice training II	4	G.8.4.7.2 (h)
FGPO471	Structured practice training III	4	G.8.4.7.2 (i)
FPKG311	Practice management	8	G.8.4.7.2 (c)
FPKG321	Good Pharmacy practice	8	FPKG311 (40)
FPKG322	Communication for the Pharmacist	8	
FPKG411	Human Resource Management	8	
FPKG412	Health Care Management	8	
FPKG424	General management for the Pharmacist	8	G.8.4.7.2 (c)
	<b>Physics</b>		
FSKN112	Physics for Biology I	8	
FSKN122	Physics for Biology II	8	FSKN112 (40)
	<b>Microbiology</b>		
MKPN221	Microbiology for Pharmacy	8	

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111

**Note:** \*FCHG451 – Although this module is indicated as a second semester (3rd quarter) module, the module will, from 2009 to 2012, be presented in the first semester (2nd quarter) of year level 4.

#### G.8.4.5 List of Modules 800 101 G412P - phasing in from 2010

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
WVPS311	Professional ethics for the Pharmacist		12
<b>Biochemistry</b>			
BCHF215	Biochemistry for Health Sciences		16
<b>Chemistry</b>			
CHEM111	Introductory inorganic and physical chemistry		12
CHEM121	Introductory organic chemistry		12
CHEN213	Organic Chemistry II Pharmacy/Biological Sciences		8
<b>Zoology / Botany</b>			
BLPS111	Animal parasitology		12
BLPS121	Medicinal Botany		12
<b>Pharmacology</b>			
FKLG211	Pharmacology I	G.8.4.7.2 (b)	16
FKLG221	Pharmacology II	FKLG211 (40)	24

Module code	Descriptive name	Pre-requisites	Credits
FKLG311	Pharmacology III	G.8.4.7.2 (c)	16
FKLG321	Pharmacology IV	FKLG311 (40)	16
FKLG411	Pharmacology V	G.8.4.7.2 (c)	16
FKLG421	Pharmacology VI	FKLG411 (40)	16
<b>Pharmaceutical Chemistry</b>			
FCHG221	Introductory Medicinal Chemistry	G.8.4.7.2 (b)	16
FCHG311	Pharmaceutical analysis	G.8.4.7.2 (c)	16
FCHG321	Medicinal Chemistry	FCHG311 (40)	16
FCHG411	Metabolism and Pro-Drug development	G.8.4.7.2 (c)	8
<b>Pharmaceutics</b>			
FCAG121	Introductory pharmaceutical calculations		12
FELG421	Choice project	G.8.4.7.2 (f)	8
FMSG211	Dispensing and preparation of drugs	G.8.4.7.2 (b)	16
FMSG222	Introductory bio pharmaceutics and pharmaco-kinetics	FMSG211 (40)	16
FMSG311	Pharmaceutical dosage forms and technology I	G.8.4.7.2 (c)	16
FMSG321	Pharmaceutical dosage forms and technology II	FMSG311 (40)	16
FMSG411	Pharmaceutical dosage forms and technology III	G.8.4.7.2 (c)	16
FMSG422	Biotechnology and innovative dosage forms	FMSG411 (40)	8
<b>Pharmacy Practise</b>			
FGPO271	Structured practice training I	G.8.4.7.2 (g)	4
FGPO371	Structured practice training II	G.8.4.7.2 (h)	4
FGPO471	Structured practice training III	G.8.4.7.2 (i)	4
FPKG111	Pharmacy practise I	G.8.4.7.2 (c)	12
FPKG312	Pharmacy practise II	G.8.4.7.2 (c)	8
FPKG323	Pharmacy practise III	G.8.4.7.2 (c)	8
FPKG413	Pharmacy practise IV	G.8.4.7.2 (c)	16
FPKG425	Pharmacy practise V	G.8.4.7.2 (c)	16
<b>Physics</b>			
FSKS112	Physics for Biology I	Univ admission with 50% for physical science	12
<b>Physiology</b>			
FLPX112	Physiology for Pharmacy and Nursing Science A		12
FLPX122	Physiology for Pharmacy and Nursing Science B	FLPX112 (40)	12
FLPX221	Physiology for Pharmacy and Nursing Science C	FLPX112 FLPX122	8
<b>Clinical Pharmacy</b>			
FPFG311	Clinical pathology	G.8.4.7.2 (b)	16
FPFG321	Health Science	G.8.4.7.2 (b)	16



Module code	Descriptive name	Pre-requisites	Credits
FPFG411	Clinical Pharmacy I	G.8.4.7.2 (c)	8
FPFG423	Clinical Pharmacy II	G.8.4.7.2 (c)	16
<b>Microbiology</b>			
MKPN211	Microbiology for Pharmacy		8

#### **G.8.4.6 Curriculum: Pharmaciae**

##### **G.8.4.6.1 Curriculum outcomes**

After completion of the prescribed practical training programme the student should be competent to act as a guardian of medicine, from concept up to reality by:

1. undertaking, managing, organizing and controlling the development, testing, manufacturing, dispensing and packaging of pharmaceutical products as individual or part of a team;
2. organizing, managing and mastering medicine logistics (supply) in obtaining, storing and distributing pharmaceutical materials and products;
3. being an indispensable and acceptable link in the health system and providing cost-effective and efficient pharmaceutical services to satisfy the needs in the community by:
  - acting as provider of pharmaceutical care by accepting co-responsibility for the outcome of therapy and by being actively engaged in designing, implementing and monitoring pharmaceutical care;
  - dispensing prescribed medicine and ensuring optimal use thereof by managing, controlling and giving advice to health professions and patients;
  - providing pharmacist-initiated care to the patient and ensuring optimal use of medicine;
  - providing essential clinical services, including sifting tests and references to other members of the health team;
  - educating and providing information regarding health care and medicine and communicating information verbally, non-verbally and electronically in a scientific manner;
  - promoting community health and provide related information and advice;
4. rendering services to his/her fellow men with an attitude of altruism and a sense of responsibility and empathy in efficient application of science and technology and with responsibility towards the environment; his/her own health and the health of others;
5. independently identify, evaluate, formulate and solve problems in an innovative and creative manner with the help of relevant literature, ready knowledge and laboratory techniques;

6. in addition to subject knowledge hold encyclopaedia insight and coherence of science and the fact that problem solving is not practiced in isolation;
7. stating and justifying his/her own paradigm with reference to the Christian and other life views;
8. starting to function as an entrepreneur;
9. having the capability and motivation to develop his/her scientific and professional knowledge, skills and competencies on a continuous basis and to become a life-long student in order to practice the profession at the highest level of competency.

#### G.8.4.6.2 Specific Faculty rules for Curriculum

Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules.

- a) **ONLY FOR EXISTING PHARMACY STUDENTS** (who had registered in 2009 or earlier and who is currently busy with the curriculum **G411P**): If a student in curriculum G411P, fails a module which will no longer be presented in the following year (due to the phasing out of the curriculum), such student will be transferred to curriculum G412P at the start of the new academic year (with recognition of the applicable modules already passed). The student must continue and complete his/her studies in the new curriculum.
- b) A student will not be allowed to continue with **any of the modules** (marked with an \* in the list) unless all modules in year level 1 have been passed.
- c) A student will only be admitted to continue with the modules in a specific subject group once all preceding modules in the specific group have been passed in the previous year level(s). (**Example:** A student may only proceed with FKLG311 and FKLG321, if FKLG211 and FKLG221 have been passed.)
- d) The academic year for students in year levels 3 and 4 commences three weeks before the start of the normal academic year on the Potchefstroom campus.
- e) Students may only register for FKLG311 **if** FPFG311 is taken simultaneously or has been passed.
- f) Students may only register for the module FELG421, **if** the following modules is taken simultaneously, or have been passed:  
In curriculum G411P: FCHG451, FKLG421, FMSG422, FPFG422 and FPKG424  
In curriculum G412P: FCHG411, FKLG421, FMSG422, FPFG423 and FPKG425
- g) A student may only register for the module FGPO271 **if** FMSG211 and FKLG211 is taken simultaneously or have been passed.
- h) A student may only register for the module FGPO371 **if** FMSG311 and FKLG311 is taken simultaneously or have been passed.
- i) A student may only register for the module FGPO471 **if** FPFG422 (in G411PF) or FPFG411 and FPFG421 (in G412P) is taken simultaneously or have been passed
- j) By virtue of the requirements of the South African Pharmaceutical Board, all pharmacy students should during their second to fourth year, conduct 400 hours practice training in total during holidays. The curriculum of this

training is included in the modules of FGPO271, FGPO371 and FGPO471, and it also includes training in community pharmacy, hospital pharmacy as well as structured clinical training.

- k) The module FGPO471 includes the compulsory attendance of a symposium presented by the School of Pharmacy during the last week of the winter recess. Attendance to the symposium will contribute 20 hours to the compulsory 400 hours practice training as mentioned in par j *supra*.
- l) The participation of students in professional activities right from an early stage is of utmost importance since they are preparing themselves for entering the profession.
- m) Admission to the examination in FKLG421(year level 4) will only be awarded to students with a sub minimum of 40% participation mark (as prescribed) and an achievement of 100% during the "Conclusive Outcomes" examination.

#### **Articulation and exit points**

- a) **Vertical:** The BPharm. degree gives admission to post-graduate studies at the North West University and other national and international universities, but is subject to a selection process.
- b) **Horizontal:** All the fundamental courses give admission to various BSc programmes at this and other universities. The main modules are to a large extent exchangeable with the modules presented at other Schools of Pharmacy.
- c) After completion of year level 2, recognition will be given to the student for the theoretical component of the Basic Diploma as Pharmacist assistant and after completion of year level 3 of the curriculum; recognition will be given for the theoretical component of the Post-basic Diploma as Pharmacist assistant.

#### **G.8.4.6.3 Compilation of Curriculum: Pharmaciae**

As result of programme alignments in 2009, both curricula will be reflected in the calendar until the phasing-out process has been finalized. Students who failed a module should register for the new module code where applicable:

1. If a student failed **any module on year level 1 during 2009**, such student will be transferred to curriculum G412P in 2010, with recognition of the applicable modules already passed.
2. A student who fails **any module on year level 2 during 2010**, such students will be transferred to curriculum G412P in 2011, with recognition of the applicable modules already passed.
3. A student who fails **any module on year level 3 during 2011**, such students will be transferred to curriculum G412P in 2012, with recognition of the applicable modules already passed.
4. A student who fails **any module on year level 4 during 2010**, such students will be transferred to curriculum G412P in 2013, with recognition of the applicable modules already passed.

*(The aforementioned implies that, if the implementation of the new curriculum overtakes students in curriculum G411P (because of failed modules to be repeated), those students will be transferred to the new curriculum and will complete their programme in the new curriculum. Students will receive*

applicable recognition for modules already passed. No modules in the current (old) curriculum G411P may be repeated on the applicable year level, in the year in which the new curriculum is phasing in.)

Phasing in of the new curriculum (G412P) will commence in 2010 on year level 1, followed by year level 2 in 2011, year level 3 in 2012 and year level 4 in 2013. The old curriculum (G411P) will be phased out in 2012.

JAAR	YEAR LEVEL 1	YEAR LEVEL 2	YEAR LEVEL 3	YEAR LEVEL 4
2009	G411P	G411P	G411P	G411P
2010	G412P	G411P	G411P	G411P
2011	G412P	G412P	G411P	G411P
2012	G412P	G412P	G412P	G411P
2013	G412P	G412P	G412P	G412P

**CURRICULUM 800 101 G411P: PHARMACY**  
CURRICULUM G410P PHASED OUT IN 2007

Year Level 1 closes at the end of 2009, year level 2 at the end of 2010, year level 3 at the end of 2011 and year level 4 at the end of 2012.

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR
AGLA111# (A)	-	BCHG215 (X)	24	FCHG311 (H)	16	*FCHG451 (H)	8
BLPN111 (X)	8	CHEN213 (X)	8	FGPO371 (H)	4	FGPO471 (H)	4
CHEN111 (X)	8	FCAG211 (H)	8	FKLG311 (H)	16	FKLG411 (H)	16
FLPX111 (X)	16	FGPO271 (H)	4	FMSG311 (H)	16	FMSG411 (H)	16
FMGB111 (H)	8	FKLG211 (H)	16	FPFG311 (H)	16	FPKG411 (H)	8
FSKN112 (X)	8	FMSG211 (H)	16	FPKG311 (H)	8	FPKG412 (H)	8
						WVPS311 (X)	12
<b>Tot. 1e sem.</b>	<b>48</b>	<b>Tot. 1e sem.</b>	<b>76</b>	<b>Tot. 1e sem.</b>	<b>76</b>	<b>Tot. 1e sem.</b>	<b>72</b>
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR	Code + Mod. Type	CR
AGLA121 (X)	12	FCHG221 (H)	16	FCHG321 (H)	16	FELG421 (H)	8
ATSW121	8	FKLG221 (H)	24	FKLG321 (H)	16	FKLG421 (H)	16
BLPN121 (X)	8	FMSG221 (H)	8	FMSG321 (H)	16	FMSG422 (H)	8
CHEN121 (X)	8	MKPN221 (X)	8	FPFG321 (H)	16	FPFG422 (H)	24
CHEN122 (X)	8	WVGW221 (X)	12	FPKG321 (H)	8	FPKG322 (H)	8
FLPX121 (X)	16					FPKG424 (H)	8
FPKG121 (H)	8						
FSKN122 (X)	8						
<b>Tot. 2e sem.</b>	<b>76</b>	<b>Tot. 2e sem.</b>	<b>68</b>	<b>Tot. 2e sem.</b>	<b>72</b>	<b>Tot. 2e sem.</b>	<b>72</b>
<b>Tot. Y/level 1</b>	<b>124</b>	<b>Tot. Y/level. 2</b>	<b>144</b>	<b>Tot. Y/level. 3</b>	<b>148</b>	<b>Tot. Y/level. 4</b>	<b>144</b>
<b>TOTAL CREDITS FOR THE CURRICULUM</b>							<b>560</b>

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

**NOTE:** \*FCHG451 – Although this module is indicated as a second semester (3rd quarter) module, the module will, from 2009 be presented in the first semester (2nd quarter) of year level 4.

**NEW ALIGNED CURRICULUM (phasing in from 2010)**

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			First semester			First semester			First semester		
Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr
AGLA111/ AGLE111#	A	-	BCHF215	X	16	FCHG311	H	16	FCHG411	H	8
BLPS111	X	12	CHEN213	X	8	FGPO371	H	4	FGPO471	H	4
CHEM111	X	12	FGPO271	H	4	FKLG311	H	16	FKLG411	H	16
FLPX112	X	12	FKLG211	H	16	FMSG311	H	16	FMSG411	H	16
FPKG111	H	12	FMSG211	H	16	FPFG311	H	16	FPFG411	H	8
FSKS112	X	12	MKPN211	X	8	FPKG312	H	8	FPKG413	H	16
									WVPS311	H	12
Total 1 <sup>st</sup> semester		60	Total 1 <sup>st</sup> semester		68	Total 1 <sup>st</sup> semester		76	Total 1 <sup>st</sup> semester		80
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
Second semester			Second semester			Second semester			Jaarmodules		
Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr
AGLA121/ AGLE121	X	12	FCHG221	H	16	FCHG321	H	16	FELG421	H	8
BLPS121	X	12	FKLG221	H	24	FKLG321	H	16	FKLG421	H	16
CHEM121	X	12	FLPX221	X	8	FMSG321	H	16	FMSG422	H	8
FCAG121	H	12	FMSG222	H	16	FPFG321	H	16	FPFG423	H	16
FLPX122	X	12	WVGW221	X	12	FPKG323	H	8	FPKG425	H	16
Total 2 <sup>nd</sup> semester		60	Total 2 <sup>nd</sup> semester		76	Total 2 <sup>nd</sup> semester		72	Total 2 <sup>nd</sup> semester		64
Total Year Level 1		120	Total Year Level 2		144	Total Year Level 3		148	Total Year Level 4		144
Credit total of the Curriculum										556	

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

**G.9 RULES FOR THE DEGREE BACHELOR OF SCIENCE (DIETETICS)**

This degree may only be taken full time at the Potchefstroom campus. The curriculum composed in this programme complies with the requirements of the Professional Council for Dietetics. Students who complete this study successfully may thus register with the Health Professions Council of South Africa as a dietician.

**G.9.1 DURATION (MINIMUM AND MAXIMUM DURATION)**

The duration of the study for this qualification is a **minimum of four (4) years** and a maximum of **five (5) years**.

Extension of the study period may take place according to the stipulations of General rule A.4.4 en A.5.6.

**G.9.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**

General admission requirements stipulated in General Rule A.5.1.2.1 together with the applicable terms in Introductory Rule G.1.11 prevail.

- a) University admission;
- b) Mathematics level 4 (50-59%) or Mathematic literacy level 5 (60-69%);
- c) Physical & Natural Science level 3 (40-49%), and
- d) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account.  
APS-score of at least 24 is required.
- e) **Language requirement:** A pass mark of **50-59%(level 4)** in the language of teaching and learning concerning home language or first additional language level.
- f) Prospective students will be subject to a selection process consisting of the following components:
  - Academic achievement;
  - An interview with experts in a selection panel; and
  - Completion of psychometric selection tests
- g) Particulars of the selection requirements and procedures is obtainable from the director of the School for Physiology, Nutrition and Consumer Sciences.
- h) Applications should be submitted by 30 June.

\*Information is subject to change

**G.9.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS**

All current as well as prospective students, to be registered for the programme in 2010, must at the time of registration submit proof of immunization against Hepatitis B, being administered during the previous year.

**G.9.4 PROGRAM: DIETETICS****G.9.4.1 Qualification and programme code: 206 101**

The purpose of the programme is to train dietitians for the extended health market. In the light of health problems, associated with lifestyle changes as well as the HIV/AIDS pandemic and under- and over feeding, good nutrition care for healthy as well as sick people in South Africa is of the utmost importance. The monetary load on health care services is beyond control and one of the most basic principles to stabilise the problem, is that dietitians provide good nutrition education on all levels of the community and health care.

**G.9.4.2 Admission requirements for the program****Required APS-score: 24**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

**G.9.4.3 Specific Faculty requirements**

- a) Students are legally compelled to register as student dietitians at the Professional Council (HPCSA) at the beginning of the first study year.
- b) For practice training in the fourth study year students must be in possession of a driver's license (before the start of the fourth study year).
- c) Membership of the professional association (ADSA) is compulsory for all students in the programme.
- d) All costs for practice training in the fourth study year is payable by the student.
- e) No student in the fourth study year will be allowed to serve on a house committee.
- f) Also refer to G.1 of this calendar.

**G.9.4.4 List of Modules 206 101 G431P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
WVNS313	History of the natural sciences		12
<b>Anatomy</b>			
ANAS122	Systemic anatomy		12
<b>Biochemistry</b>			
BCHF215	Biochemistry for Health Sciences	CHEM111 CHEM121	16

Module code	Descriptive name	Pre-requisites	Credits
<b>Biochemistry (continue)</b>			
BCHG221	Clinical Biochemistry	FLGX113 (40) FLGX123 (40)	16
<b>Chemistry</b>			
CHEM111	Introductory Inorganic and Physical Chemistry		12
CHEM121	Introductory Organic Chemistry	CHEM111	12
<b>Physiology</b>			
FLGX113	Introductory Physiology		12
FLGX123	Membrane and muscle physiology	FLGX113 (40)	12
FLGX213	Endocrine system and digestion	FLGX113 (40)	16
FLGX223	Physiological defense mechanisms	FLGX113 (40)	8
FLGX224	Metabolism	FLGX213 (40)	8
FLGX312	Excretion		8
FLGX314	Cardiovascular Physiology		16
<b>Communication studies</b>			
KCOM112	Introduction to Communication contexts		12
<b>Microbiology</b>			
MKBX213	Microbiology for food and nutrition		8
<b>Psychology</b>			
PSYC321	Basic Counseling and ethical conduct		16
<b>Statistics</b>			
STTN111	Descriptive Statistics		12
<b>Therapeutic Nutrition</b>			
VTRP321	Therapeutic nutrition	FLGX113 (40) FLGX123 (40) FLGX213 (40) VOED211 VNDL311 (40DP) BCHF215 (40) OR BCHN213 (40)	24
VTRP471	Applied Therapeutic nutrition	VNDL311 VTRP321	40
<b>Nutrition</b>			
VNAV472	Nutrition research	VOED323	16
VNDL311	Nutrition: Lifestyle health disorders	FLGX113 (40) FLGX213 (40) VOED211 BCHF215 (40) OR BCHN213 (40) OR FLGX224 (40)	16
VOED113	Introduction to the profession		12
VOED122	Nutrition status		12
VOED211	Nutrients	VOED122 (40)	16
VOED221	Family and community nutrition	VOED211 (40)	16
VOED323	Advanced nutrition and nutrition research	VNDL311 (40)	24
VOED471	Community nutrition practice	VOED323	40



Module code	Descriptive name	Pre-requisites	Credits
<b>Food</b>			
VVDL112	Food		12
VVDL123	Vegetable food groups and systems	VVDL112 (40)	12
VVDL213	Animal food groups and systems	VVDL123 (40)	16
<b>Food Service Management</b>			
VVDB313	Food Service Management: Systems and large scale production		16
VVDB324	Food Service Management: Management aspects		12
VVDB471	Food Service Management: Management Practice		40

#### **G.9.4.5 Curriculum: Dietetics**

##### **G.9.4.5.1 Curriculum outcomes**

At completion of the programme the student will be able to:

- demonstrate extensive and systematic knowledge of the health and disease profile of the South African community with reference to the nutritional framework and status, agents and organizations involved with local-, national- and international nutrition and related questions;
- demonstrate skills to undertake literature searches in obtaining relevant information in order to identify complex, practice orientated nutritional problems; analyze and interpret it and reach conclusions through practical recommendations; and be able to communicate it in writing by means of Information Technology and verbally to laymen and professional audiences;
- demonstrate knowledge and critical understanding of the principles & theories in the identification and analyzing of health problems in individuals and communities related to nutrition, and to launch, evaluate and document nutrition intervention programmes from a responsible and ethical framework; and
- apply techniques and knowledge with regard to business management in own practices, community nutrition units and food service units.

##### **G.9.4.5.2 Specific Faculty rules for Curriculum**

- Students in all year levels will follow the new curriculum from 2010. Provision will be made for students who need to repeat modules, consolidated with other in 2010. Students, who must repeat modules in the first year level, will register for such modules according to the 2010 curriculum.
- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules;
- Modules in year level 4 may only be taken once all the modules as prescribed up to year level 3 have been passed.
- Evidence of participation of 50% for all practical modules in year level 4 will determine admission to examination.
- After successfully completing the BSc Dietetics degree the student will acquire admission to the MSc degree in Dietetics or Nutrition but is

subject to a selection process on the grounds of academic performance as well as availability of capacity in the subject field. The following admission requirements prevail:

- The student must at least achieve a pass mark of 60% in each of the following modules: VNDL311, VTRP321, VOED323 and VNAV472 or equivalent modules;
- Introductory Descriptive statistics (STTN111) or an equivalent module is a co-requirement.

#### G.9.4.5.3 Compilation of Curriculum: Dietetics

Qualification and programme code: 206 101; Curriculum code: G431P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			First semester			First semester			Jaarmodules		
Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr
AGLA111/ AGLE111#	A	-	BCHF215	X	16	FLGX312	H	8	VNAV472	H	16
CHEM111	X	12	FLGX213	H	16	FLGX314	H	16	VOED471	H	40
FLGX113	H	12	MKBX213	X	8	VVDB313	H	16	VTRP471	H	40
KCOM112	X	12	VOED211	H	16	VNDL311	H	16	VVDB471	H	40
VOED113	H	12	VVDL213	H	16	STTN111	X	12			
VVDL112	H	12				WVNS313	X	12			
Total 1 <sup>st</sup> semester		60	Total 1 <sup>st</sup> semester		72	Total 1 <sup>st</sup> semester		80			
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3					
Second semester			Second semester			Second semester					
Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr			
AGLA121/ AGLE121	X	12	BCHG221	H	16	PSYC321	X	16			
ANAS122	X	12	FLGX223	H	8	VOED323	H	24			
CHEM121	X	12	FLGX224	H	8	VTRP321	H	24			
FLGX123	H	12	VOED221	H	16	VVDB324	H	12			
VOED122	H	12	WVGW221	X	12						
VVDL123	H	12									
Total 2 <sup>nd</sup> semester		72	Total 2 <sup>nd</sup> semester		60	Total 2 <sup>nd</sup> semester		76	Total		136
Total Year Level 1		132	Total Year Level 2		132	Total Year Level 3		156	Total Year Level 4		136
<b>Credit total of the Curriculum</b>										<b>556</b>	

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

## **G.10 RULES FOR THE DEGREE BACHELOR OF SCIENCE (NUTRITION)**

*Final approval from SAQA to present this qualification is awaited.*

This degree may only be taken full time at the Potchefstroom campus. The curriculum composed in this programme complies with the requirements of the Professional Council for Nutrition. Students who complete this study successfully may thus register with the Health Professions Council of South Africa as Nutritionists.

### **G.10.1 DURATION (MINIMUM AND MAXIMUM DURATION)**

The duration of the study for this qualification is a **minimum of four (4) years** and a maximum of **five (5) years**.

Extension of the study period may take place according to the stipulations of General rule A.4.4 en A.5.6.

### **G.10.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**

General admission requirements stipulated in General Rule A.5.1.2.1 together with the applicable terms in Introductory Rule G.1.11 prevail.

- a) University admission;
- b) Mathematics level 4 (50-59%) or Mathematic literacy level 5 (60-69%);
- c) Physical & Natural Science level 3 (40-49%), and
- d) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account.

An APS-score of at least 24 is required.

- e) **Language requirement:** A pass mark of **50-59% (level 4)** in the language of teaching and learning concerning home language or first additional language level.
- f) Prospective students will be subject to a selection process consisting of the following components:
  - Academic achievement;
  - An interview with experts in a selection panel; and
  - Completion of psychometric selection tests
- g) Particulars of the selection requirements and procedures is obtainable from the director of the School of Physiology, Nutrition and Consumer Sciences.
- h) Applications should be submitted by 30 June.

*\*Information is subject to change*

### **G.10.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS**

All students, to be registered for the programme in 2010, must at the time of registration submit proof of immunization against Hepatitis B, being administered during the previous year.

#### **G.10.4 PROGRAM: NUTRITION SCIENCE**

##### **G.10.4.1 Qualification and programme code: 286 100**

The purpose of the programme is to train nutritionists for the extended health market. In the light of health problems, associated with lifestyle changes as well as the HIV/AIDS pandemic and under- and over feeding, good nutrition care for healthy as well as sick people in South Africa is of the utmost importance. The monetary load on health care services is beyond control and one of the most basic principles to stabilise the problem, is that dieticians provide good nutrition education on all levels of the community and health care.

##### **G.10.4.2 Admission requirements for the program**

**Required APS-score: 24**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

##### **G.10.4.3 Specific Faculty requirements**

- Students are legally compelled to register as student nutritionists at the Professional Council (HPCSA) at the beginning of the first study year.
- For practice training in the fourth study year students must be in possession of a driver's license (before the start of the fourth study year).
- Membership of the professional association (ADSA) is compulsory for all students in the programme.
- All costs for practice training in the fourth study year is payable by the student.
- No student in the fourth study year will be allowed to serve on a house committee.

##### **G.10.4.4 List of Modules 286 100 G401P**

Module code	Descriptive name	Pre-requisites	Credits
<b>Prescribed modules</b>			
AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
WVGW221	Know and understand the world of health		12
WVNS313	History of the natural sciences		12
<b>Anatomy</b>			
ANAS122	Systemic anatomy		12
<b>Biochemistry</b>			

Module code	Descriptive name	Pre-requisites	Credits
BCHF215	Biochemistry for Health Sciences	CHEM111 CHEM121	16
<b>Chemistry</b>			
CHEM111	Introductory inorganic and physical chemistry		12
CHEM121	Introductory organic chemistry	CHEM111	12
<b>Physiology</b>			
FLGX113	Introductory Physiology		12
FLGX123	Membrane and Muscle Physiology	FLGX113 (40)	12
FLGX213	Endocrine system and digestion	FLGX113 (40)	16
FLGX223	Physiological defense mechanisms	FLGX113 (40)	8
FLGX224	Metabolism	FLGX213 (40)	8
FLGX314	Cardiovascular Physiology		16
<b>Healthcare and -promotion</b>			
VPGR211	Introduction to Primary Healthcare		8
VPGW211	Health Promotion		8
<b>Communication studies</b>			
KCOM112	Introduction to Communication contexts		12
KCOM122	Introduction to Corporate Communication		12
<b>Microbiology</b>			
MKBX213	Microbiology for food and nutrition		8
<b>Public Governance and Administration</b>			
PUMA222	The Government and sustainable development		16
<b>Psychology</b>			
PSYC321	Basic Counseling and ethical conduct		16
<b>Statistics</b>			
STTN111	Descriptive Statistics		12
<b>Nutrition</b>			
HOBR615	Policy analysis and project management		32
PHNT411	Public health nutrition as science		16
PHNC471	Public health nutrition – Community level		24
PHND471	Public health nutrition – Regional level		24
PHNM471	Public health nutrition – Management level		24
NPRG321	Nutrition programming		16
VNAV472	Nutrition research	VOED323	16
VNDL311	Nutrition: Lifestyle health disorders	FLGX113 (40) FLGX213 (40) VOED211 BCHF215 (40) OR BCHN213 (40) OR FLGX224 (40)	16
<b>Nutrition (continue)</b>			

Module code	Descriptive name	Pre-requisites	Credits
VOED113	Introduction to the profession		12
VOED122	Nutrition status		12
VOED211	Nutrients	VOED122 (40)	16
VOED221	Family and community nutrition	VOED211 (40)	16
VOED323	Advanced nutrition and nutrition research	VNDL311 (40)	24
<b>Food</b>			
VVDL112	Food		12
VVDL123	Vegetable food groups and systems	VVDL112 (40)	12
VVDL213	Animal food groups and systems	VVDL123 (40)	16
<b>Food Service Management</b>			
VVDB313	Food Service Management: Systems and large scale production		16
VVDB324	Food Service Management: Management aspects		12

#### **G.10.4.5 Curriculum: Nutrition Science**

##### **G.10.4.5.1 Curriculum outcomes**

At completion of the programme the student will be able to:

- Demonstrate extensive and systematic knowledge of the health and disease profile of the South African community with reference to the nutritional framework and status, agents and organizations involved with local-, national- and international nutrition and related questions;
- demonstrate skills to undertake literature searches in obtaining relevant information in order to identify complex, practice orientated nutritional problems; analyze and interpret it and reach conclusions through practical recommendations; and being able to communicate it in writing by means of Information Technology and verbally to laymen and professional audiences;
- demonstrate knowledge and critical understanding of the principles & theories in the identification and analyzing of health problems in individuals and communities related to nutrition, and to launch, evaluate and document nutrition intervention programmes from a responsible and ethical framework
- apply techniques and knowledge with regard to business management in own practices, community nutrition units and food service units.

##### **G.10.4.5.2 Specific Faculty rules for Curriculum**

- Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules;
- Modules in year level 4 may only be taken once all the modules as prescribed up to year level 3 have been passed.
- Evidence of participation of 50% for all practical modules in year level 4 will determine admission to examination.
- After successfully completing the BSc Nutrition degree the student will acquire admission to the MSc degree in Nutrition but is subject to a selection process on the grounds of academic performance as well as

availability of capacity in the subject field. The following admission requirements prevail:

- The student must at least achieve a pass mark of 60% in each of the following modules: VNDL311, VOED323 and VNAV472 or equivalent modules;
- Introductory descriptive statistics (STTN111) or an equivalent module is a co-requirement.

#### G.10.4.5.3 Compilation of Curriculum: Nutrition Science

Qualification and programme code: 286 100; Curriculum Code: G401P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			First semester			First semester			Jaarmodules		
Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr
AGLA111/ AGLE111#	A	-	BCHF215	X	16	FLGX314	H	16	HOBRE615	H	32
CHEM111	X	12	FLGX213	H	16	VNDL311	H	16	PHNC471	H	24
FLGX113	H	12	MKBX213	X	8	VPGW211	H	8	PHND471	H	24
KCOM112	X	12	VOED211	H	16	VVDB313	H	16	PHNM471	H	24
VOED113	H	12	VVDL213	H	16	STTN111	X	12	*PHNT411	H	16
VVDL112	H	12	VPGR211	X	8	WVNS313	X	12	VNAV472	H	16
Total 1 <sup>st</sup> semester		60	Total 1 <sup>st</sup> semester		80	Total 1 <sup>st</sup> semester		80			
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3					
Second semester			Second semester			Second semester					
Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr			
AGLA121/ AGLE121	X	12	FLGX223	H	8	KCOM122	X	12			
ANAS122	X	12	FLGX224	H	8	NPRG321	H	16			
CHEM121	X	12	PUMA222	X	16	PSYC321	X	16			
FLGX123	H	12	VOED221	H	16	VOED323	H	24			
VOED122	H	12	WVGW221	X	12	VVDB324	H	12			
VVDL123	H	12									
Total 2 <sup>nd</sup> semester		72	Total 2 <sup>nd</sup> semester		60	Total 2 <sup>nd</sup> semester		80	Total		136
Total Year Level 1		132	Total Year Level 2		140	Total Year Level 3		160	Total Year Level 4		136
Credit total of the Curriculum										568	

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

\* PHNT411 is a first semester module

## **G.11 RULES FOR THE DEGREE BACCALAUREUS CURATIONIS**

The process of alignment and re-circulation of this qualification with other campuses will commence as soon as statutory requirements is received from the Statutory Board. Linking modules in other faculties or schools, which have already aligned, have been amended in this curriculum and will be applicable from 2010.

### **G.11.1 DURATION (MINIMUM AND MAXIMUM DURATION)**

The duration of the study for this qualification is a **minimum of four (4) years** and a **maximum of five (5) years**.

Extension of the study period may take place according to the stipulations of General rule A.4.4 en A.5.6.

### **G.11.2 ADMISSION REQUIREMENTS FOR THE QUALIFICATION**

General admission requirements stipulated in General Rule A.5.1.2.1 together with the applicable terms in Introductory Rule G.1.11 prevail.

- a) University admission;
- b) Mathematic Literacy and Physical Science or Life Sciences or Mathematics on level 4 (50-59%)
- c) Practical experience (hospital programme for scholars)/("shadow nursing") will serve as a recommendation;
- d) **APS-score:** The results achieved in four designated subjects plus two NSC subjects will be taken into consideration. The results achieved in Life orientation will not be taken into account

An APS-score of at least 25 is required.

- e) **Language requirement:** A pass mark of **50-59%(level 4)** in the language of teaching and learning concerning home language or first additional language level.
- f) Prospective students will be subject to a selection process consisting of the following:
  - A paper selection where the requirement of an **APS-score of 25** has been set;
  - Evaluation of Language proficiency (see G1.12 of this calendar); and
  - a personal interview with a panel of experts.

Particulars of the selection requirements and procedures are obtainable from the director of the School of Nursing Science.

Applications must be submitted by 30 June.

\*Information is subject to change

### **G.11.3 SPECIFIC FACULTY ADMISSION REQUIREMENTS**

The full time undergraduate programme for BCur is presented in Afrikaans. Simultaneous translation from Afrikaans to English is available.



Examinations and other evaluations as well as correspondence in all programmes, may be conducted in Afrikaans or English.

The participation mark for this qualification is constituted as follows:

- 4 evaluation marks per 8 credit module and
- 6 evaluation marks per 16 credit module.

All current and prospective students, to be registered for the programme in 2010, must at the time of registration submit proof of immunization against Meningitis, Hepatitis A and B, Tetanus and Polio, being administered during the previous year.

#### **G.11.4 PROGRAM: NURSING SCIENCE**

##### **G.11.4.1 Qualification and programme code: 120 101**

The BCur programme presents professional and academic training up to NQF level 7(8) which enables students to register at the South African Nursing Council as a Registered Nurse (General, Psychiatric and Community Nursing) and Midwife in the category community service, and after completion of one calendar year of community service as Registered Nurse (General, Psychiatric and Community Nursing) and Midwife.

##### **Articulation and exit points – NQF level 5b (6)**

It may be possible for a student to exit the programme after successfully completing the BCur programme up to NQF level 5b(6) (second level) and register at the SANC as health worker (enrolled nurse) under the supervision of a registered nurse to deliver health services.

##### **G.11.4.2 Admission requirements for the program**

**Required APS-score: 25**

Students will be allowed to change their study programme/curriculum with the written consent from the School Director or Administrative Manager within the allowed adjustment period and per prescribed student request form.

Recognition of prior learning will, where applicable, be handled by the faculty committee for recognition of prior learning according to the policy of the University.

##### **G.11.4.3 Specific Faculty requirements**

Also refer to G.1 of this calendar.

##### **G.11.4.4 List of Modules 120 101 G407P**

Module code	Descriptive name	Pre-requisites	Credits
Prescribed modules			

AGLA/E111	Introduction to academic literacy	See rule G.1.12	-
AGLA/E121	Language proficiency	AGLA/E111 (40)	12
<b>Anatomy</b>			
ANAB111	Movement Anatomy		16
ANAS122	Systemic anatomy		12
<b>Biochemistry</b>			
BCHG221	Clinical Biochemistry	FLPX112 (40) FLPX122 (40)	16
<b>Pharmacology</b>			
FKLG211	Pharmacology I		16
<b>Physiology</b>			
FLPX112	Physiology for Pharmacy and Nursing Science A		12
FLPX122	Physiology for Pharmacy and Nursing Science B		12
FLPX221	Physiology for Pharmacy and Nursing Science C		8
<b>Fundamental Nursing Science</b>			
VPFB121	Basic Needs and Professional skills		16
VPFI111	Introduction to Fundamental Nursing Science		16
VPFP171	Fundamental Nursing Science Practice		12*
<b>Community Nursing Science</b>			
VPGI111	Introduction to Community Nursing Science		8
VPGO221	Extensive Primary Healthcare		8
VPGP171	Community Nursing Science Practice		8*
VPGP271	Community Nursing Science Practice		12*
VPGR111	Community Nursing Science processess		8
VPGR211	Introduction to Primary Healthcare		8
VPGS311	Rural and Urban Community Health		8
VPGW211	Health Promotion for Nursing Science		8
<b>Minor disorders</b>			
VPWB211	Impaired Health Status and Minor disorders		16
VPWG221	Minor disorders		16
VPWP271	Minor disorders in practice		16*
<b>Health Service Management</b>			
VPBB421	Health Service Management Skills		8
VPBP471	Health Service Management Practice		8*

Module code	Descriptive name	Pre-requisites	Credits
<b>Lifestyle Enrichment</b>			
VPLS371	Lifestyle Enrichment		8
VPLS471	Psychiatric and Nursing Science Skills and methods		8

<b>Microbiology</b>			
MKBN121	Microbiology for Nursing Science		12
<b>Professional practice</b>			
VPPF411	Legislation and Professional Practice		8
<b>Psychiatric Nursing Science</b>			
VPEK311	Introductory and Clinical Psychiatric Nursing Science		16
VPEP471	Psychiatric Nursing Science Practice		28*
VPER421	Psychiatric Nursing Science Practice		16
VPEV321	Psychiatric Skills and Methods		16
VPGP372	Community and Psychiatric Nursing Science Practice		8*
<b>Psychology</b>			
PSYC211	Developmental Psychology		16
<b>Sociology</b>			
SOCL222	Medical Sociology		16
<b>Specialization Nursing Science</b>			
VPXP371	Specialization Nursing Science Practice		16*
VPXS311	Specialization Nursing Science		16
VPXS321	Specialization Nursing Science		16
<b>Obstetric Nursing Science</b>			
VPVA411	Complicated Obstetric Nursing Science		16
VPVB321	Normal childbirth and complicated pregnancy		16
VPVI221	Introductory Obstetric Nursing Science and normal pregnancy		8
VPVN311	Normal neonate, puerperium and parenthood		8
VPVP371	Obstetric Nursing Science Practice		18*
VPVP471	Obstetric Nursing Science Practice		32*
<b>Nursing Research</b>			
VPNN323	Introduction to Nursing Research		8
VPNN411	Methodology of Nursing Research		8
VPNP471	Nursing Research project		8

**G.11.4.5 Curriculum: General, Psychiatric, Midwifery and Community Nursing Science**

**G.11.4.5.1 Curriculum outcomes**

After completion of this curriculum the student should be able to:

Render professional, high quality, scientific founded nursing within the multi-professional healthcare system. Provide a service according to the needs of the time, the province and individual. Focus on service delivery and culture sensitive care, based on the primary health care approach. Continuously strive

towards personal and professional growth and health, and facilitation to patients.

#### **G.11.4.5.2 Specific Faculty rules for Curriculum**

- a) Students in all year levels (1<sup>st</sup> to 4<sup>th</sup> year) will follow the new curriculum from 2010. Provision will be made for students who have to repeat modules, consolidated into new modules. Students who must repeat modules in the first year level, will register for such modules according to the 2010 curriculum;
- b) Students should comply with the pre-requisites of modules as stipulated in the list of modules, before progressing to follow-up modules;
- c) Students must register at the South African Nursing Council;
- d) It is recommended that a student should register at a professional subject society to obtain indemnity;
- e) All theoretical and practical Nursing Science modules (i.e. majors) must be passed before a student may register for a theoretical or practical module of the next academic year;
- f) If any modules of the first and second academic year are still outstanding, the student cannot be promoted to the third year.
- g) The compulsory clinical hours prescribed by the statutory council for Obstetric Nursing Science Practice (VPVP371) is 1cr = 20 national hours = 18x20 = 360 hours. (A change in credits influence the prescribed clinical hours.)
- h) The compulsory clinical hours prescribed for Psychiatric Nursing Science Practice (VPEP471) 1cr = 20 national hours = 28x20 = 560 hours. (A change in credits influence the prescribed clinical hours.)
- i) After successfully completing the BCur degree the student will acquire admission to the MCur degree in the respective specializing areas but is subject to a selection process on the grounds of academic performance as well as availability of capacity in the subject field.

#### **G.11.4.5.3 Compilation of Curriculum: General, Psychiatric, Midwifery and Community Nursing Science**

**Qualification and programme code:** 120 101; **Curriculum Code:** G407P

YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
First semester			First semester			First semester			First semester		
Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr	Module-code	Type	Cr
AGLA111/ AGLE111	A	-	PSYC211	X	16	FKLG211	X	16	**VPBP47 1	H	8

#											
ANAB111	X	16	*VPGP271	H	12	VPEK311	H	16	*VPEP471	H	28
FLPX112	X	12	VPGR211	H	8	*VPGP372	H	8	**VPLS471	H	8
VPFI111	H	16	VPGW211	H	8	VPGS311	H	8	VPNN411	H	8
*VPFP171	H	12	VPWB211	H	16	**VPLS371	H	8	*VPNP471	H	8
VPGI111	H	8	*VPWP271	H	16	VPVN311	H	8	VPPF411	H	8
*VPGP171	H	8				*VPVP371	H	18	VPVA411	H	16
VPGR111	H	8				*VPXP371	H	16	*VPVP471	H	32
						VPXS311	H	16			
Total 1 <sup>st</sup> semester		80	Total 1 <sup>st</sup> semester		76	Total 1 <sup>st</sup> semester		114	Total 1 <sup>st</sup> semester		116
YEAR LEVEL 1			YEAR LEVEL 2			YEAR LEVEL 3			YEAR LEVEL 4		
Second semester			Second semester			Second semester			Second semester		
Module-kode	Type	Cr	Module-kode	Type	Cr	Module-kode	Type	Cr	Module-kode	Type	Cr
AGLA121/AGLE121	X	12	BCHG221	X	16	VPEV321	H	16	VPBB421	H	8
ANAS122	X	12	FLPX221	X	8	VPNN323	H	8	VPER421	H	16
FLPX122	X	12	SOCL222	X	16	VPVB321	H	16			
MKBN121	X	12	VPGO221	H	8	VPXS321	H	16			
VFPB121	H	16	VPVI221	H	8						
			VPWG221	H	16						
Total 2 <sup>nd</sup> semester		64	Total 2 <sup>nd</sup> semester		72	Total 2 <sup>nd</sup> semester		56	Total 2 <sup>nd</sup> semester		24
Total Year Level 1		144	Total Year Level 2		148	Total Year Level 3		170	Total Year Level 4		140
Credit total of the Curriculum										602	

# Students who did not pass the compulsory skills test with regard to academic literacy must register for AGLE111.

\* These modules extend over a year and the credits reflected is for practice modules performed within the community, clinics and hospitals.

\*\* Modules extend over a full year.

**G.12 RULES FOR THE BACCALAUREUS CURATIONIS (EDUCATIONIS ET ADMINISTRATIONIS)**

**Qualification Code:** 829 100T (Telematic)

*This programme will be phasing out.*

- a) This is a post-basic qualification and is accessible to health professionals.
- b) If a professional nurse, this degree leads to further registration of qualifications in Nursing Science Education and Nursing Science Management at the South African Nursing Council.
- c) If in nursing the BCur (Ed et Adm) degree is only accessible to the professional nurse's category.
- d) This qualification can only be obtained in Health Science Education and Health Service Management by means of the Telematic Programme.

**G.12.1 MODULES AND CREDITS**

- a) On each level (first, second, third year of study) the subjects are divided into modules (General rule A.1.38). Each module can be identified by a code (General rule A.1.39) and a name that explains the nature of the module. NSRT121 refers to the subject Health Science Research; the first figure (1) indicates the level (first level/ year of study) the second figure (2) indicates the semester in which this module is offered. The third figure (1) distinguishes between modules within the same subject on the same level and in the same semester.
- b) Modules carry credits in multiples of eight (8). A credit represents the expected hours of study (one credit equals 10 study hours) a student will spend to achieve the specified outcomes.

**G.12.2 RATIO BETWEEN CREDITS AND TEACHING PERIODS**

As a general rule, the following shall apply: For each 16 credit module 4 contact sessions of 100 minutes each are required.

**G.12.3 RECOGNITION OF PRIOR LEARNING**

- a) A student should apply in writing for recognition of modules completed successfully at this or other tertiary institutions.
- b) Applications should include evidence of prior learning: academic records and module outcomes (syllabi).
- c) The modules of a major subject in a qualification already awarded cannot be credited for a second qualification.
- d) A student not being a professional nurse, but a professional in other health related professions, can apply for recognition of prior learning.

**G.12.4 REGISTRATION**

- a) A student should apply for admission to a specific programme (General rule A.5.1.1).
- b) A student registers annually for a specific programme and curriculum according to the rules of the specific programme.

- c) Registration for a programme or curriculum can be changed on provision that the prescribed procedure is honored (General rule A.5.3.2).

**G.12.5 DURATION OF STUDY**

The minimum duration of study is three years and the maximum duration is four years.

**G.12.6 PROGRAMME: NURSING SCIENCE/HEALTH SCIENCE**

- a) This programme offers health professionals the opportunity to enhance their knowledge and skills in health service management and health science education.
- b) It offers professional nurses the opportunity to register at the South African Nursing Council with additional qualifications in Nursing Science Education and Nursing Science Management. It serves as a basis for postgraduate studies, and enhances personal and professional growth-and development.

**G.12.6.1 ADMISSION REQUIREMENTS**

G.12.6.1.1 The student must possess a Matriculation Exemption Certificate. A student who does not possess the latter may apply through the University to the Matriculation Board for a Matriculation Exemption Certificate.

G.12.6.1.2 In order to be admitted for curriculum G318T, the student should:

G.12.6.1.3 If a professional nurse be:

- a) in possession of an applicable diploma in general nursing science and an additional qualification;
- b) registered as professional nurse with the South African Nursing Council;
- c) submit the current year's South African Nursing Council receipt.

G.12.6.1.4 If a health professional be:

- a) in possession of an applicable diploma/degree in health science.

G.12.6.1.5 If a student who successfully completed the Advanced University Diploma in Health Science with two specialties at the North-West University, should wish to proceed with the BCur (Ed et Adm), a maximum of TEN theory modules can be credited on a written request and payment of the applicable fees.

**G.12.6.2 LIST OF MODULES**

Module code	Descriptive name	Credits	Assumed learning requirements
IOPS311	Organizational Psychology	16	NONE
BSKT111	Introduction to Psychology in Work Context	16	NONE
BSKT221	Personnel Psychology	16	NONE
BSOT221	Occupational Sociology	16	NONE
BSOT321	Labour Relations	16	NONE
NSDT111	Health Science Dynamics	16	NONE
NSET111	Health Science Education: Introduction	16	NONE
NSET211	Health Science Education: Curriculum Studies	16	NONE
NSET221	Health Science Education: Didactics	16	NONE
NSET271	Health Science Education: Practica	16	NONE
NSET311	Health Science Education: Theoretical and Philosophical Foundations	24	NONE
NSET321	Health Science Education: Contemporary Issues	24	NONE
NSFT121	Financial Health Management	16	NONE
NSGT121	Introduction B	16	NONE
NSMT211	Unit/Clinic Management	16	NONE
NSMT221	Human Resource Management	16	NONE
NSMT271	Health Service Management: Practica	16	NONE
NSMT311	Strategic Management	24	NONE
NSMT321	Contemporary Issues	24	NONE
NSRT121	Health Science Research	16	NONE
OBAD112	Introduction to Public Management	16	NONE
VWTL311	Philosophy of Science	8	NONE

Year modules must be registered in the first semester.

**G.12.6.3 Curriculum: Health Science Education and Health Service Management****G.12.6.3.1 Curriculum outcomes**

On completion of the BCur (Ed et Adm) degree the student should be capable of:

- acting as a leader and member of the multi-professional team in a multi-cultural health practice;
- maintaining personal and professional excellence and competence through continuing education;
- creating a context conducive to learning by facilitation of learning through performance as reflective practitioner and role model, with a positive attitude towards life and learning;
- appreciating the value and influence of a personal- and professional philosophy as guide to decision making and practice in order to participate in the formulation of policy statements for practice;
- assessing, implementing and evaluating new trends on national and international level in order to improve the quality of health science;
- functioning as a health care manager within different health care facilities at different levels of management;



- g) utilizing the principles of participative management and networking, participating in strategic management, project management, environmental forecasting and internal analysis in order to render high quality health care; and
- h) participating in basic research activities to expand the knowledge base of Health Science and improve the quality of health care.

**G.12.6.3.2 Articulation and exit point**

- a) Students may apply for recognition of credits for modules completed at other universities.
- b) If a student wishes to register for the BCur (Ed et Adm) degree, after completion of the Advanced University Diploma in Health Science (one year), credit will be given on written request from the student, and payment of the prescribed fees, for a maximum of eight (8) theoretical modules completed.
- c) On successful completion of the second year of the BCur (Ed et Adm) degree, the student can exit with an Advanced University Diploma in Health Science (one year).

**G.12.6.3.3 Additional rules**

- a) Professional nurses registered for the Health Science modules must also complete the accompanying practica. Any costs involved must be paid by the student.
- b) All practica arrangements must be made by the student.
- c) A maximum of one year extension is allowed for completion of practica.

**G.12.6.3.4 Curriculum G318T: Health Science Education and Health Service Management**

YEAR/LEVEL 1		YEAR/LEVEL 2		YEAR/LEVEL 3	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Code	CR	Code	CR	Code	CR
BSKT111	16	NSET211	16	IOPS311	16
NSDT111	16	NSET271	16	NSET311	24
NSET111	16	NSMT211	16	NSMT311	24
OBAD112	16	NSMT271	16	VWTL311	8
<b>Total 1<sup>st</sup> semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> semester</b>	<b>64</b>	<b>Total 1<sup>st</sup> semester</b>	<b>72</b>
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Code	CR	Code	CR	Code	CR
BSKT221	16	BSOT221	16	BSOT321	16
NSFT121	16	NSET221	16	NSET321	24
NSGT121	16	NSMT221	16	NSMT321	24
NSRT121	16				
<b>Total 2<sup>nd</sup> semester</b>	<b>64</b>	<b>Total 2<sup>nd</sup> semester</b>	<b>48</b>	<b>Total 2<sup>nd</sup> semester</b>	<b>64</b>
<b>Total level 1</b>	<b>128</b>	<b>Total level 2</b>	<b>112</b>	<b>Total level 3</b>	<b>136</b>
<b>TOTAL CREDITS FOR THE CURRICULUM</b>					<b>376</b>

**G.12.6.4 EXAMINATION**

**G.12.6.4.1 Examination occasions**

The examination occasions and related rules are regulated in accordance with General rule A.5.4.

**G.12.6.4.2 Composition of participation mark**

- a) The participation mark for a module (General rules A.1.45) will be made up inter alia from continuous assessment by means of a minimum of two assignments, a test and interactive participation during 75% attendance of the contact sessions. Evidence of participation is compiled by all three mentioned aspects.
- b) The participation mark calculated from the evidence of participation contributes 40% towards the final mark.
- c) The completed prescribed practica modules are processed as “successful attendance”.
- d) The participation mark is calculated from the two assignments (50%) and the test (50%).

**G.12.6.4.3 Admission to the examination**

- a) Admission to the examination in any module will take place by obtaining evidence of participation (General rule A.5.4.3).
- b) Evidence of participation, which grants admission to the examination, will only be issued after a student has complied, to the satisfaction of the Director of the School, in consultation with the relevant subject group chair. The requirements for it are set out in the study guide of the relevant module.

**G.12.6.4.4 Module mark**

- a) The module mark (General rules A1.41) is calculated at the ratio between the participation mark and the examination mark as set out in the module outcomes (see G.13 = the syllabi in the back of this calendar). For Health Science modules it will consist of 40% build up during evidence of participation and 60% from the examination mark.
- b) The completed prescribed practica modules are processed as “successful attendance”.

**G.12.6.4.5 Pass requirements of a module and a curriculum**

The provisions of General rule A.8 and all the subparagraphs apply.

- a) The subminimum for all modules in which examinations are written is 40% (General rule A.8.7.5).
- b) The pass requirement for a module in which examinations are written is a module mark of 50% (General rule A.5.4.4).
- c) Consideration of the adaptation of the module mark of a first semester module in which an examination has been written but not passed will be done in accordance with the provisions of General rules A.5.4.

- d) A curriculum is passed by separately passing all the modules of which the curriculum is comprised (General rule A.1.16)
- e) General rules A.5.4.5 govern the requirements for passing a module/ curriculum with distinction.

**G.12.6.4.6 Progress in a programme and curriculum based on assumed learning outcomes**

- a) A module of any subject may only be taken if the student has already complied with the prescribed assumed learning outcomes, as provided for in General rules A.1.49.
- b) General rule A.5.3.5 determines the number of credits in a next semester for which a student may register without the permission of the dean.

**G.12.6.4.7 Termination of studies**

The studies of a student may be terminated (General rule A.5.7).

**G.13 MODULE OUTCOMES****G.13.1 LINKED MODULES IN OTHER FACULTIES**

Linked modules from other faculties only meant for curricula in Health Sciences appear under the specific name in this calendar. The module outcomes of the following modules appear in the relevant calendars as indicated below.

**G.13.1.1 FACULTY OF ECONOMIC AND BUSINESS MANAGEMENT SCIENCES**

Industrial Sociology & Labour Relations, Business Management, Accounting, Tourism Management

**G.13.1.2 FACULTY OF ART**

Afrikaans and Dutch, Ancient Culture, German, English, Philosophy, French, History, Communication Studies, Latin, Public Governance and Administration, Sociology, Language technology, Tswana (Third language), Translation Studies.

**G.13.1.3 FACULTY OF NATURAL SCIENCE**

Biochemistry, Chemistry, Zoology, Physics, Geography and Environmental Studies, Microbiology, Botany, Computer Science, Statistics, Applied Mathematics, Mathematics.

**G.13.2 PRESCRIBED MODULES**

Module code: AGLE111	Semester 1	NQFLevel: 5a(5) Credits: 12
<b>Title:</b>	Introduction to academic literacy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate basic knowledge of learning strategies, academic vocabulary and register as well as the reading and writing of academic texts in order to function effectively in the academic environment;</li> <li>• communicate effectively orally and in writing in an appropriate manner in an academic environment;</li> <li>• understand, interpret and evaluate basic academic texts and write appropriate academic genres in a coherent manner by making use of accurate and appropriate academic conventions;</li> <li>• listen, speak, read, write and learn accurately within an ethical framework.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> AGLE121	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Language proficiency	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate fundamental knowledge of appropriate computer programmes, apply learning-, listening-, reading strategies, use academic vocabulary and register, write and read academic texts in order to function effectively in an academic environment;</li> <li>• communicate effectively orally and in writing in an appropriate manner in an academic environment;</li> <li>• in a group or individually understand, interpret and evaluate a variety of applicable scientific academic terms and write coherent genres by using applicable, accurate academic conventions.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> WVNS211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 12</b>
<b>Title:</b>	Understand the natural world	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate a fundamental knowledge base of a selection of world philosophies and ideologies and an ability to compare the nature and function of these views as historically developed from science in the classic and post modern era.</li> <li>• Understand the interrelatedness between norms and science, and the influence of science and technology on the spiritual, cultural and material ideologies of humans, the community and their environment.</li> <li>• Understand, discuss and explain the contours surrounding the development of science in the context of values in world views.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> WVGW221	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 12</b>
<b>Title:</b>	Know and understand the world of health	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect a fundamental knowledge base of a selection of world views and ideologies and demonstrate their critical understanding through an ability to compare the nature and</li> </ul>	

	<p>function, as well as different contemporary manifestations of these world views and ideologies;</p> <ul style="list-style-type: none"> <li>• demonstrate knowledge of health and distinguish between fortigen and pathogen paradigms on a meta-theoretical, theoretical and empirical data level, thus realizing the complementary value of the approaches to health;</li> <li>• demonstrate a basic understanding of the health services in South Africa, with international influences taken into consideration;</li> <li>• display an awareness of health trends and determinants, including internal and external risk factors of individual, group and communities;</li> <li>• understand the functioning within a trans-disciplinary team across multi-sectoral boundaries resulting in health development and human capacity building.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1

<b>Module code:</b> WVES311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 12</b>
<b>Title:</b>	Applied ethics: business ethics, biomedical ethics, ethics of sports and recreation	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate fundamental knowledge on the contents of prescribed text;</li> <li>• analyze and interpret prescribed text correctly;</li> <li>• evaluate and/or apply the contents of prescribed text;</li> <li>• write a synthetically report on the analysis, evaluation and application of prescribed text.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> WVLS314	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 12</b>
<b>Title:</b>	Man and society: critical perspectives on continuity and change/transformation	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• reflect a sound and systematic knowledge of the most important foundational issues in the relevant field of study and demonstrate critical understanding of the meta-theoretical assumptions underscoring foundational issues;</li> <li>• demonstrate the ability to analyze, synthesize and critique the assumptions on which a chosen theme or issue is based, formulate a personal opinion about the theme or issue that gives evidence of a personal coherent world view, and communicate the findings in a presentation</li> </ul>	

	making use of applicable technology, as well as in an evidence-based report written in a typically academic format.
<b>Method of delivery:</b>	Full time en Part time
<b>Method of assessment:</b>	a) Tests and assignments — weight: 50% b) Semester examination 1X2 hours — weight 50%

<b>Module code:</b> WVNS313	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 12</b>
<b>Title:</b>	History of the natural sciences	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate fundamental knowledge on the topics namely: Science in the ancient times and Middle Ages, The Renaissance and the revolution in science, turning points in the development of modern science and contemporary theories of the cosmos;</li> <li>• Turning points in the development of modern science;</li> <li>• Critically discuss foundational issues associated with these topics from a self chosen religious-philosophical perspective.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> WVPS311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 12</b>
<b>Title:</b>	Professional ethics for the Pharmacist	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate a fundamental knowledge on the theoretical approach on ethics;</li> <li>• demonstrate a clear concept of ethics as multi-disciplinary discipline;</li> <li>• understand the principles of medical ethics with specific reference to the role of pharmacists;</li> <li>• formulate an opinion with regard to current challenges;</li> <li>• analyse challenges and practical problems and recommend suitable solutions;</li> <li>• demonstrate a complete understanding of responsibilities to one self, colleagues, patients and the environment.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

**G.13.3 MODULES FROM OTHER FACULTIES SPECIFICALLY AIMED FOR HEALTH SCIENCES**

**G.13.3.1 Biochemistry**

**G.13.3.1.1 Modules phasing out from 2009**

**BCHG215: BIOCHEMISTRY FOR HEALTH SCIENCES**

Pc 2 x 2 hours

After completion of the module the student should be able to reproduce the flow of genetically information in the biosphere and also have a sound knowledge of the structure of nucleic acids and nucleotide analogues as well as the structure of DNA and RNA. The student will be able to discuss processes of DNA replication, transcription and translation and also the regulation of gene expression, the role of proteins in the structure and function of the cell and the structures and properties of amino-acids, peptides and proteins and to reproduce the levels of protein structure and indicate the structure function relationships of fibrous and globular proteins. The student will also be able to explain the role and action of enzymes as well as basic enzyme kinetics and the regulation of enzyme activity.

The student will obtain practice-orientated knowledge of and insight into basic principles of immunology, catabolism of carbohydrates, lipids, amino acids and nucleic acids and the effect of diseases, medicines and toxins on the metabolism, anabolism of functional bio molecules, regulation and interdependence of metabolic reactions, detoxification reactions and their role in the metabolism of medicines and toxins, the role of metabolism in chronic diseases, inborn and induced metabolic defects and preventative and therapeutic intervention in chronic diseases.

***For all other modules of Biochemistry consult the Calendar of the Faculty of Natural Sciences.***

**G.13.3.1.2 Modules applicable from 2010**

Module code: BCHF215	Semester 1	NQF-level: 5b(6) Credits: 16
<b>Title:</b>	Biochemistry for Health Sciences	
<b>Module outcomes:</b>	After completion of the module, the student should be able to have knowledge of: <ul style="list-style-type: none"> <li>• the flow of genetical information in the biosphere;</li> <li>• structure of nucleic acids and nucleotide analogues;</li> <li>• the structure of DNA and RNA;</li> <li>• DNA replication, transcription and translation;</li> <li>• regulation of gene expression;</li> <li>• the role of proteins in the structure and function of the cell;</li> <li>• structures and properties of amino-acids, peptides and proteins;</li> <li>• structure function relationships of fibrous and globular proteins;</li> <li>• basic principles of immunology;</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours	



<b>Module code:</b> BCHG221	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Clinical Biochemistry	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate sufficient knowledge, insight and skills to describe the interrelation between abnormal biochemical processes and diseases in full;</li> <li>• implement qualitative and quantitative bio-analytical information when clinically dealing with patients;</li> <li>• evaluate defect organ and endocrine functioning as a function of change in protein, enzyme and hormone profiles; discuss the relation between the dishomeostasis of serum/plasma calcium, magnesium, phosphate levels and bone pathology;</li> <li>• describe cardiovascular diseases as the result of the abnormal processing of lipids and lipoprotein in the body and discuss the biochemical base of hereditary diseases and congenital defects.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 40 : 60	

<b>Module code:</b> BCHN222	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Clinical Biochemistry	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• give the substrates, products and role of the three phases of metabolism;</li> <li>• describe interim electron carriers and give the role of each;</li> <li>• know the general structure of carbohydrates, lipids, amino acids and nucleotides;</li> <li>• describe the processes involved in the catabolism of carbohydrates, lipids, amino acids and nucleotides;</li> <li>• describe the processes involved in the anabolism of carbohydrates, lipids, amino acids and nucleotides;</li> <li>• describe the role of the Krebs Cycle in the final oxidation of pyruvate and acetyl-CoA;</li> <li>• describe the role of the electron transfer chain in the excitation of chemical-osmotic potential;</li> <li>• defend hypotheses for oxidative phosphorylation;</li> <li>• describe the mechanisms of detoxification by means of cytochrome-P450;</li> <li>• describe tissue-specific reactions and their role in metabolism;</li> <li>• have a good insight into the interdependency of the different components of metabolism.</li> <li>• integrate the different metabolic pathways;</li> <li>• anticipate the consequences of metabolic defects;</li> <li>• perform and interpret metabolic screening tests</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 40 : 60	

G.13.3.2 Chemistry

G.13.3.2.1 Modules applicable from 2010

<b>Module code:</b> CHEM111	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Introductory inorganic and physical chemistry	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate fundamental knowledge and insight into the properties of substances and compounds, intermolecular interaction, aqueous solutions, chemical equilibria, acids and bases, formation of precipitates and electron transfer reactions, and apply this knowledge in order to write and name chemical formulae;</li> <li>• balance reaction equations, use stoichiometric and other calculations to find an unknown quantity, and explain trends and relationships out of the periodic table (principal groups);</li> <li>• demonstrate skills in the application of laboratory and safety regulations; and</li> <li>• explain observed chemical phenomena, do calculations in connection with them and understand their applications in the industry and environment.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> CHEM121	<b>Semester 2</b>	<b>NQF-level:</b> <b>Credits: 12</b>
<b>Title:</b>	Introductory organic chemistry	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate knowledge and insight to classify and name organic compounds;</li> <li>• know the physical properties and chemical reactions of unsaturated hydrocarbons, alkyl halides, alcohols, carbonyl compounds, carboxylic acids and their derivatives, as well as single aromatic compounds; and</li> <li>• describe the mechanism of selected organic reactions.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

**G.13.3.3 Zoology / Botany**

**G.13.3.3.1 Modules applicable from 2010**

<b>Module code:</b> BLPS111	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Animal parasitology	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• identify the diversity of animal parasites in tropical countries;</li> <li>• identify the diversity of animal parasites and place them in a broad classification framework;</li> <li>• identify information on the transmission to man and apply preventive measures to prevent repeated contamination;</li> <li>• reflect knowledge of animals influencing man's health by means of a parasitic way of living and relate the nature and effect of the poison.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> BLPS121	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Medicinal Botany	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect knowledge of the terminology used to describe plants and identify morphologic classification of plants;</li> <li>• understand the importance of plants to the pharmaceutical industry and:               <ul style="list-style-type: none"> <li>○ demonstrate fundamental knowledge of selected plant physiological processes;</li> <li>○ demonstrate knowledge of the various formations of active compounds that occur in plants;</li> <li>○ understand and illustrate processes involved in the formation of these compounds in plants;</li> <li>○ demonstrate knowledge on the physiological functioning of these compounds ;</li> <li>○ demonstrate knowledge on a number of selected medicinally-important plants with regard to their respective taxonomic characteristics and pharmaceutical significance;</li> </ul> </li> <li>• reflect a fundamental knowledge on applicable ethical aspects;</li> <li>• develop appreciation and respect for the creation and needs to preserve nature.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

**G.13.3.4 Physics**

**G.13.3.4.1 Modules applicable from 2010**

Module code: FSKS112	Semester 1	NQF-level: 5a(5) Credits: 12
<b>Title:</b>	Physics for Biology I (This module is a service course for students who do not want to continue with Physics up to second level or further)	
<b>Module outcomes:</b>	After completion of the module, the student should be able to demonstrate knowledge of: <ul style="list-style-type: none"> <li>Physics, functioning in natural phenomena, mainly chosen from the biological sciences. This is learnt from the following topics:               <ul style="list-style-type: none"> <li>Newton's laws of motion, moments, labour, energy and actuation with applications to the human body;</li> <li>Fluid mechanics, pressure, surface tension, mixtures, diffusion, viscosity, with applications to blood flow;</li> <li>Elasticity with applications to sports equipment;</li> <li>Waves, with applications to hearing;</li> <li>Heat capacity and heat transmission with applications to energy conversion in the human body;</li> </ul> </li> <li>Practical work: Skills are learnt in measuring, processing and reporting of scientific processes.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

**G.13.3.5 Microbiology**

**G.13.3.5.1 Modules applicable from 2010**

Module code: MKBN121	Semester 2	NQF-level: 5a(5) Credits: 12
<b>Title:</b>	Microbiology for Nursing	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>describe and compare prokaryotic and eukaryotic cell structure and function;</li> <li>discuss various aspects regarding infectious diseases caused by the most important bacteria, fungi, viruses and protozoa and other selected parasites;</li> <li>demonstrate expertise with regard to specific and non-specific mechanisms surrounding the host's protection against infectious diseases.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> MKPN211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Microbiology for Pharmacy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• provide an overview of prokaryotic and eukaryotic cell structures and function, microbial diversity and the control of micro organisms through physical methods and chemical substances;</li> <li>• demonstrate expertise with regard to microbial pathogenicity and epidemiology as well as the specific and non-specific mechanisms of the host's defense against infectious diseases;</li> <li>• discuss clinical syndromes of specific microbial infectious diseases,</li> <li>• discuss diagnosis, prevention and treatment of specific microbial infectious diseases.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> MKBX213	<b>Semester 1</b>	<b>NQF-level: 6</b> <b>Credits: 8</b>
<b>Title:</b>	Microbiology for food and nutrition	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate knowledge concerning microbiological aspects of laboratory techniques, preparation and storage of food and microbiological food safety in a selective way;</li> <li>• apply basic laboratory techniques used in microbiological laboratories;</li> <li>• demonstrate competency with regard to elementary research techniques, group work, writing of reports and problem solving by means of case studies;</li> <li>• maintain strict ethical principles in all circumstances and show respect for life throughout.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>• a minimum of 40% is required to pass the written evaluation.</li> <li>• The module mark is composed of formative and summative assessments in a ratio of 1:1;</li> <li>• a minimum of 50% is required to pass the module.</li> </ul>	

**G.13.3.5.2 Sociology**

<b>Module code:</b> <b>SOCL222</b>	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Medical Sociology	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• discuss and demonstrate knowledge of different sociological perspectives on health, illness and the medical profession.</li> <li>• demonstrate knowledge of socio-cultural, socio-economic and socio-political systems and its impact on health and medical practices.</li> <li>• critically discuss key concepts such as health, illness, well-being, risk, vulnerability, etc.</li> <li>• discuss and critically analyze health determinants and risk factors in the South African historical and contemporary context, such as poverty, unemployment, violence, HIV/AIDS, etc.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

**G.13.4 MODULES IN THE FACULTY OF HEALTH SCIENCES****G.13.4.1 SCHOOL OF BIOKINETICS, RECREATION AND SPORT SCIENCE****G.13.4.1.1 Anatomy**

<b>Module code:</b> <b>MBWA112</b>	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Functional Anatomy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate and apply knowledge of the different principles concerning anatomy in identifying and describing the different skeletal-, articular- and muscular structures;</li> <li>• demonstrate fundamental knowledge of the anatomic structures of the skeletal system as well as the articular system (joints) and primary muscle system;</li> <li>• apply aforementioned knowledge in identifying anatomic structures and to determine their function by means of models, illustrations and/or real human samples;</li> <li>• demonstrate an established value system when dealing with anatomy and anatomic samples and act in an acceptable ethical manner within the required parameters.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBWA122</b>	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Applied Anatomy	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• discuss &amp; demonstrate fundamental knowledge concerning the primary nerves and blood vessels which is important in the skeletal, articular and muscular systems;</li> <li>• apply aforementioned knowledge in identifying anatomic structures and to determine their function by means of models, illustrations and/or real human samples;</li> <li>• apply fundamental knowledge regarding the anatomy of the musculo-skeletal and articular systems in the utilization of handdrolic tests when evaluating different muscles;</li> <li>• analyze and document simple multi-joint movements (for example walking, running, sitting and standing up, push-ups, sit-ups and squatting) by applying basic knowledge on the anatomy of the musculo-skeletal and articular systems;</li> <li>• demonstrate an established value system when dealing with anatomy, anatomic samples and clients and act in an acceptable ethical manner within the required parameters.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

#### G.13.4.1.2 Human Movement Science

<b>Module code:</b> <b>MBWK112</b>	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Motor Learning	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• apply extensive and systematic, recent knowledge and understanding with regard to the interactive nature of the physical, cognitive and affective development of a child, motor aspects, memory structures and certain learning hierarchies, classification of movement and movement capability, growth and ripening tendencies in movement development as well as movement backlogs; individuality of sport talent and talent identification in sport;</li> <li>• apply knowledge concerning growth to sport and movement skills in children of different age groups and classify movement skills;</li> <li>• evaluate motor- and physical development as well as accompanying perceptual-motor skills in children of different age groups;</li> <li>• reflect an ethical accountable approach with regard to motor development and the learning process.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBWK114</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 12</b>
<b>Title:</b>	Sport organization and administration	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• integrate knowledge and skills of Human Movement science with the principles of Recreation Science and leisure practices applicable to sport, health and human development, in obtaining applied capabilities through problem solving, executing projects, dealing with true-life case studies and practice-orientated scenarios;</li> <li>• link evidence-driven interpretation to research results through analysis, synthesis and evaluation by founding it theoretically and individually or in groups effectively communicate it in writing by means of Information Technology and verbally to laymen and professional audiences;</li> <li>• demonstrate that through reaching outcomes, reasoning and communication are based on pure world- and life philosophies and an established value system.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBWK215</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Introduction to Sport Injuries	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• establish an effective sport-health care system;</li> <li>• demonstrate knowledge with regard to the prevention and restriction of sport related injuries;</li> <li>• individually and as part of a multi disciplinary team, deal with the causes, identification and treatment of specific sport injuries and conditions;</li> <li>• apply the principles of patient evaluation, from an ethical framework of emergency treatment;</li> <li>• understand, identify and treat the basic anatomy and physiology of the following conditions: respiratory-, cardiovascular-, nervous-, biological- and musculo-skeletal and associated trauma conditions.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		



<b>Module code:</b> <b>MBWK216</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Biomechanics	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate, debate and communicate knowledge and understanding with regard to the key terms, rules, concepts and theories applicable to Biomechanics;</li> <li>• select and apply the core procedures or techniques necessary to analyze, identify and evaluate sport related movements;</li> <li>• individually or in a group identify, interpret and discuss information with regard to biomechanical aspects and injuries in sport, and integrate it into a report;</li> <li>• critically discuss and formulate funded opinions concerning biomechanical related sport problems;</li> <li>• show insight in the field of Biomechanics and demonstrate knowledge within the field of sport science and –coaching, biokinetics, exercising, recreation and leisure science;</li> <li>• act from an established ethical value system in the application of Biomechanics research and coaching.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBWK217</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Sport injuries	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• establish an effective sport-health care system;</li> <li>• demonstrate knowledge and understanding with regard to the patho-physiology, biomechanics and healing of injuries;</li> <li>• demonstrate knowledge with regard to the prevention and restriction of sport related injuries;</li> <li>• individually and as part of a multi disciplinary team, deal with the causes, identification and treatment of specific sport injuries and conditions;</li> <li>• apply the principles of patient evaluation, within the ethical framework of emergency treatment;</li> <li>• understand, identify and treat the basic anatomy and physiology of the following conditions: respiratory-, cardiovascular-, nervous-, biological- and musculo-skeletal and associated trauma conditions.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBWK219</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Sport and Exercise Physiology I	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• show a fundamental knowledge concerning: various physiological exercising principles (with specializing in homeostasis and balance), acute and chronic responses concerning the physical function of the human body on exercise as well as processes involved therein, the influence of nutrition on performance and the metabolic and hormonal processes involved, as well as the functioning and neural control of skeletal muscles;</li> <li>• show practical skills to solve case studies with regard to the abovementioned and act in an advisory capacity regarding individuals' needs;</li> <li>• apply abovementioned skills in giving consideration to individual human dignity.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBWK223</b>	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Kinanthropometry	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• measure skin folds, circumferences, body mass, body length and widths correct and according to international standards;</li> <li>• understand theoretical aspects like the determination of the percentages of fat, somatotypification, basic anatomy, the measuring error etc. and apply them in practice;</li> <li>• execute body measurements on patients/sportsmen, consult and write a report on it;</li> <li>• demonstrate awareness on the foundations of ethical rules and norms in dealing with people when conducting body measurements.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBWK225</b>	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Sport and Exercise Physiology II	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate fundamental knowledge concerning various physiological exercising principles (with specializing in pulmonary and cardiovascular responses) or exercise and repetition, adaption due to aerobic and anaerobic exercise</li> </ul>	

	<p>and the influence of immunologic as well as ergogenic substances on sport;</p> <ul style="list-style-type: none"> <li>• show practical ability to identify and critically analyze abovementioned responses and appearances and propose solutions;</li> <li>• apply abovementioned skills by giving consideration to individual human dignity.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> <b>MBWK226</b>	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Sport and Exercise Psychology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• reflect a good understanding on the establishment, development, future prospects and demarcation in the field of sport- and exercise psychology in order to identify potential career possibilities or application fields;</li> <li>• describe, evaluate and apply effects in certain underlying principles influencing the behaviour of sportsmen/women (i.e. personality, motivation, arousal, stress and fear);</li> <li>• identify the appearance of burnout and over-exercise within competitive sport and initiate ways to prevent or address it to contribute to the total health and wellness of sportsmen and -women;</li> <li>• facilitate certain basic sport psychological skills (control activating, confidence setting, target setting and concentration) in a scientific accountable manner within a well developed skills programme to promote sport performance and achievements;</li> <li>• formulate and live out beliefs in future possibilities of subject contents on sport, and exercise psychology within the context of human movement sciences.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBWK315</b>	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Applied Exercise Physiology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• in problem solving, demonstrate complete knowledge regarding exercise physiology, anatomy, various resistant exercises and exercise apparatus with regard to resistance programming and consider specific exercise directives and customer needs in the execution of specific resistant exercises within a gymnasium environment;</li> <li>• utilise resistance programmes according to scientific exercise principles and guidelines mentioned in literature;</li> </ul>	

	<ul style="list-style-type: none"> <li>utilize concepts, terminology, conventions, formats etc in the formulation of resistance programmes/exercises;</li> <li>in all forms of communication, reflect an established value system and act from an ethical correct framework within the parameters of resistance exercise planning and execution.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> MBWK316	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Biokinetics	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>reflect knowledge and understanding of the establishment, action and ethics of Biokinetics;</li> <li>reflect knowledge and understanding in the application of different subject-specific theories, terminologies and definitions;</li> <li>understand, interpret and apply the physiological and exercise-physiologic principles concerning physical activities, physical fitness, and repetitive exercise as preventative and treatment modalities in the working environment;</li> <li>understand the concept of hypokinesia on health and identify and implement certain lifestyle adjustments;</li> <li>understand, interpret and prevent the impact of ageing and de-conditioning on the cardio vascular-, pulmonary-, musculo-skeletal-, nerve- and immunity systems;</li> <li>link occupation specific physiopathology and psychopathology in the implementation of risk stratification, intervention and preventive strategies;</li> <li>demonstrate elementary knowledge, coherence and critical understanding of the most important ethical problems associated with the subject field, as well as important foundation questions in the field;</li> <li>analyze and discuss ethical matters critically when dealing with patients.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> MBWK324	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Research Methodology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>show a well-rounded and systematic knowledge based in understanding the scientific research that includes: selecting a complex and real world problem; locating and using appropriate references; criticizing research studies,</li> </ul>	

	<p>the steps of scientific research, types of sample selection and subsequently writing of a literature review in HMS and using NWU style;</p> <ul style="list-style-type: none"> <li>• show a coherent and critical understanding of research methods in Human Movement Science as well as terms, rules, concepts, principles and theories; and the ability to map the new knowledge onto a given body of theory;</li> <li>• understand the different types of research methods of enquiry that can be used in Human Movement Science;</li> <li>• show an ability to deal with concrete and abstract problems and issues using evidence-based solutions and theory-driven arguments in Human Movement Science.</li> <li>• show skills to interpret statistical analyses, tables, descriptive differences among/between groups, and relationships among/between variables epidemiologically and by means of qualitative research and experimental research and to summaries this interpretation by means of a research reports by using the appropriate IT skills.</li> <li>• show the ability to debate research findings and then communicate the research findings, orally as well as in writing by using appropriate technologies, and acting ethically sound in all dealings.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> MBWK325	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Applied Exercise Science Practice	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate knowledge on exercise physiology, anatomy, and exercise apparatus, related to basic resistance-, interval-, suppleness-, pliometric- and weight loss programming;</li> <li>• consider specific exercise guidelines and client needs in working out, motivating, analyzing, evaluating, adjusting and executing such programmes;</li> <li>• communicate and apply nutrition guidelines regarding micro- and macro nutrients to sportsmen/-women, and give guidelines with regard to pre- and post competition meals and oral rehydrate to resolve case studies, and</li> <li>• reflect an established value system and act in an ethical correct manner within the parameters of resistance exercise planning and execution in all forms of communication.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

**G.13.4.1.3 Recreation Science**

<b>Module code:</b> RKKX113	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Introduction to Recreation Science	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect basic/fundamental knowledge on the historic development of recreation, the status of recreation provision in South Africa as well as recreation structures within South Africa;</li> <li>• demonstrate effective and efficient skills concerning the role of a recreationist within the present-day community;</li> <li>• show a coherent critical understanding of the social, psychological, physical and environmental advances of recreation participation as well as the different programme areas and formats;</li> <li>• reflect and stimulate an ethical accountable attitude towards the different forms of recreation.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> RKKX123	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Introduction to Outdoor Recreation	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect basic/fundamental knowledge and critical understanding on the historic development of outdoor recreation;</li> <li>• demonstrate effective and efficient evaluation skills to solve known problems regarding safety management in an accountable manner;</li> <li>• show a coherent and critical understanding on the philosophical foundations and key principles of recreation;</li> <li>• supply outdoor recreation from an established ethical value system.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> RKKX214	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Recreation Leadership	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate fundamental knowledge regarding recreation leadership including leadership theories and –techniques;</li> <li>• apply practical leadership skills in leading various target</li> </ul>	

	groups; • identify and solve known and unknown problems concerning recreation leadership from an established ethical value system and at the hand of various leadership principles and –theories.
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> RKKX224	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Applied Recreation Practice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate fundamental knowledge regarding the utilization and presentation of a variety of adventure activities;</li> <li>• apply practical skills in a variety of adventure activities within known environments;</li> <li>• identify known and unknown risks related to a variety of adventure activities and manage it within an ethical accountable framework.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> RKKX314	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Professional Issues in Recreation Science	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate complete knowledge regarding the nature and importance of ethics in the provision of recreation services and demonstrate the various ethical theories;</li> <li>• apply competency through the utilization of ethical theories in order to analyze and rate current professional matters in recreation service provision;</li> <li>• identify and solve ethical dilemmas in recreation service provision.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> RKKX315	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Leisure Time Facilitation	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect complete knowledge concerning principles, techniques, methods and processes relevant for facilitation;</li> <li>• demonstrate effective and efficient facilitation skills by</li> </ul>	

	means of various facilitation techniques; <ul style="list-style-type: none"> <li>• show a coherent and critical understanding of the leadership role within facilitation, as well as the principles of functional growth and educational models of experience learning, and apply it in practice;</li> <li>• show and stimulate an ethical accountable attitude towards the different forms of recreation.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> RKKX324	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Leisure Time Programming	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect knowledge on processes to provide extensive leisure time services with reference to strategies and methods of programme service provision, within the current development of the study field;</li> <li>• apply effective planning skills to involve a variety of populations in leisure time participation;</li> <li>• show understanding in research and technology to combine models of leisure time service delivery with a view to provide leisure time services;</li> <li>• solve problems of leisure time participation within an ethical accountable framework, and contribute to the awareness of recreation within the South African context.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> RKKX325	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Recreation Management	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect complete knowledge regarding the nature and components of recreation management and explain it;</li> <li>• apply management skills in the execution of a variety of management functions;</li> <li>• solve known and unknown problems regarding recreation service delivery by means of effective administration and apply it within an ethical accountable framework.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		



G.13.4.1.4 Sport Science

<b>Module code:</b> MBXG114	<b>Semester 1</b>	<b>NQF-level: 5a(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Coaching Science of Golf	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• show the ability to execute basic golf skills;</li> <li>• know and apply the rules of the game;</li> <li>• reflect knowledge and skills on effective planning to function successfully as a golf coach;</li> <li>• present an effective practical session to other students;</li> <li>• understand and apply the ethical practises of the game correctly.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> MBXR112	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Supplementation and Ergogenic aids	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• differentiate between the various categories of ergogenic aids;</li> <li>• differentiate between lawful and unlawful aids in sport;</li> <li>• report on the ethical aspects concerning the utilization of ergogenic aids in sport;</li> <li>• give a detailed discussion with regard to the different supplementation products used by sportsmen/women;</li> <li>• interpret certain definitions with regard to supplementation in sport.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> MBXR114	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Basic Anatomy and energy systems	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• define and apply the different principles used in the identification and description of the various skeletal- and muscular structures;</li> <li>• name and identify the anatomic structures of the different bones(skeletal system) and joints(articular system) as well as the primary muscles(muscular system) verbally and in written format;</li> <li>• understand how the various physiological processes in the body adjust to short term and long term exercise by referring to repetition and the different energy systems.</li> </ul>	

<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> MBXA124 OR MBXC124 OR MBXR124 OR MBXS124	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Game skills development Rugby or Soccer or Athletics or Cricket	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• reflect factual knowledge concerning the different aspects of successful coaching, lesson planning, acquiring of skills and rules;</li> <li>• work out, organize, execute and adjust lesson plans and apply it within a coaching environment;</li> <li>• plan, work out and present pre-competition and competition programmes for different groups of players;</li> <li>• master the scientific programme according to which new skills is acquired and apply it effectively during practical sessions;</li> <li>• present effective coaching to players (considering their motor-, social-, psychological level of development) in order to nourish lifelong interest in the sport and establish correct techniques.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> MBXK124	<b>Semester 2</b>	<b>NQF-level: 5a(6)</b> <b>Credits: 12</b>
<b>Title:</b>	Generic Coaching Science	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• interpret the various capacities in coaching and train players (of all ages and in all levels of participation) with regard to the foundation principles of the sport to promote performance from an established ethical value system and scientific framework;</li> <li>• describe and reflect basic and fundamental knowledge concerning the demands of a coaching career;</li> <li>• identify different objectives in coaching and formulate own objectives thereon;</li> <li>• develop and apply individual approaches with regard to coaching founded in the various capacities and objectives of coaching;</li> <li>• develop practical skills with regard to interpersonal interaction and apply it in the coaching environment;</li> <li>• utilize communication skills during the coaching process;</li> <li>• utilize sports and games to develop players in specific coaching conditions;</li> <li>• identify scientific principles supporting the development of skills and techniques;</li> </ul>	

	<ul style="list-style-type: none"> <li>analyze and amend scientific principles with regard to the interaction of skills and practical conditions.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> MBXA211 OR MBXN211 OR MBXS211 OR MBXT211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Coaching Science in Swimming or Tennis or Athletics or Netball <i>MBXA211 is not part of the Diploma in Sport Science</i>	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>reflect factual knowledge concerning the different aspects of successful coaching, lesson planning, acquiring of skills and rules;</li> <li>compose, organize, execute, adjust lesson plans and apply it within a coaching environment;</li> <li>plan, work out and present pre-competition and competition programmes for different groups of players;</li> <li>master the scientific programme according to which new skills is acquired and apply it effectively during practical sessions;</li> <li>present effective coaching to players (considering their motor-, social-, psychological level of development) in order to nourish lifelong interest in the sport and establish correct techniques.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> MBXR216	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Game notational analyses and preparation	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>differentiate between the various game plans;</li> <li>conduct game analysis and interpret results;</li> <li>in the light of aforementioned analysis compile the most suitable game plan for his/her team, and prepare them accordingly (physically and tactically).</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBXR217</b>	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Sport management	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• apply applicable factual knowledge with regard to management tasks in sport;</li> <li>• know, interpret and reflect the various definitions with regard to sport management;</li> <li>• interpret and reflect management communication skills practically;</li> <li>• understand and develop a financial management system of a sport club.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>MBXR218</b>	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Sport commercialization, sport development and sport law	
<b>Module outcomes:</b>	After completion of the module, the student should be able to:  <b>(Sport commercialization)</b> <ul style="list-style-type: none"> <li>• understand and explain the definition of sport commercialization;</li> <li>• analyse, understand and apply strategic marketing management;</li> <li>• develop and implement a sport marketing plan in full;</li> <li>• determine and understand the different behaviour patterns in sport consumers;</li> <li>• define, understand and explain market segmentation as well as strategies and techniques, the sport product, promotions, retail and price strategies and apply it effectively;</li> </ul> <b>(Sport development)</b> <ul style="list-style-type: none"> <li>• manage facilities for the development of sport;</li> <li>• plan, work out and apply a complete session with children;</li> <li>• establish a club;</li> <li>• understand the sport structures in South Africa.</li> </ul> <b>(Sport law)</b> <ul style="list-style-type: none"> <li>• apply law enforcement on sport, taking general-, criminal- and civil law into consideration;</li> <li>• understand the establishment and compilation of constitutions regarding clubs/associations/unaffiliated associations according to law;</li> <li>• know the legal aspects concerning injuries between two or more parties during matches, disciplinary processes as well as persons responsible during events/tournaments;</li> <li>• reflect knowledge and fully understand trademarks, and related legal aspects for instance copy right, patents, law as</li> </ul>	

	well as ethical concepts; <ul style="list-style-type: none"> <li>employ a person according to legal guidelines on labour relations, and compile a contract in line with these specifications.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> MBXR219	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Sport organization and administration	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>integrate complete knowledge and skills of human movement with the principles of recreation and adventure practices applicable to sport, health and human development in the acquisition of applied skills by problem solving, executing of projects, dealing with true-life case studies and practice-centered scenarios;</li> <li>link evidence-driven interpretation through analysis, synthesis and evaluation to research results by founding it theoretically and effectively communicate it individually or in a group in writing by means of Information Technology and verbally to laymen and professional audiences;</li> <li>demonstrate that in reaching outcomes, reasoning and communication are based on a pure world and life philosophy and an established value system.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> MBXG221 OR MBXH221 OR MBXK221 OR MBXR221	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 8</b>
<b>Title:</b>	Coaching science in Gymnastics or Hockey or Cricket or Rugby	
<b>Module outcomes:</b>	After completion of the module, the student should be able to:  <b>(Gymnastics)</b> <ul style="list-style-type: none"> <li>demonstrate knowledge w.r.t different techniques, aiding-and learning methods and analyzing of mistakes;</li> <li>show the ability to execute basic gymnastic skills;</li> <li>in a learning/teaching situation improve gymnastic skills through proper planning and exercise;</li> <li>reflect knowledge of effective planning skills to successfully function as gymnastic coach in a club scenario;</li> <li>comply to all the requirements to qualify as a General Sports Leader/coach;</li> <li>demonstrate knowledge regarding safety measures, gymnastic injuries and the treatment thereof;</li> </ul>	

	<ul style="list-style-type: none"> <li>• demonstrate and explain the process of talent identification in gymnastics;</li> <li>• identify and treat injuries related to gymnastics and plan and execute preventive safety measures;</li> <li>• apply sport- scientific principles e.g. Biomechanical knowledge, to round off gymnastic movements</li> <li>• demonstrate an ethical accountable attitude/approach towards the coaching of gymnasts and talent identification;</li> <li>• function effectively in a group or team.</li> </ul> <p><b>(Hockey)</b></p> <ul style="list-style-type: none"> <li>• master the scientific programme according to which new skills are acquired, and apply it effectively during practical sessions;</li> <li>• present effective coaching to children (considering their motor-, social-, psychological level of development) in order to nourish lifelong interest in the sport and establish correct techniques;</li> <li>• demonstrate knowledge in techniques, assistance rendering; methods to master the game and analyzing of mistakes in hockey;</li> <li>• improve hockey skills through proper planning and exercise in a learning/teaching situation;</li> <li>• reflect knowledge of/and effective planning skills to function successfully as hockey coach in a club and or school environment;</li> <li>• function effectively in a group or team.</li> </ul> <p><b>(Cricket)</b></p> <ul style="list-style-type: none"> <li>• master and successfully apply the scientific programme to acquire new skills during practical sessions;</li> <li>• apply knowledge w.r.t the biomechanical aspects of the game and apply it in an applicable practical manner;</li> <li>• have knowledge concerning the injuries generally found in the game;</li> <li>• understand, as a Sport- and Human Movement instructor, how to deal with injury related problems in the capacity of prospective cricket coach;</li> <li>• show accountability to the Word of God as coach and Christian;</li> <li>• in acquiring the abovementioned outcome, students have the opportunity to: <ul style="list-style-type: none"> <li>○ obtain a Coaching Certificate (level 1) from the United Cricket Board of South Africa*</li> <li>○ obtain a Certificate (level D) from the South African Union of Referees.*</li> </ul> </li> </ul> <p>*Both the abovementioned certificates can be obtained from the North West Cricket Union (with additional costs and course attendance) and will be arranged on request.</p> <p><b>(Rugby)</b></p>
--	--

	<ul style="list-style-type: none"> <li>show the ability to execute basic rugby skills;</li> <li>improve rugby skills through proper planning and exercise in a learning/teaching situation;</li> <li>reflect knowledge of effective planning skills to successfully function as rugby coach in a club scenario;</li> <li>present an effective practical coaching session to other students.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

*MBXK221 and MBXR221 is not part of the Diploma in Sport Science*

<b>Module code: MBXA225 OR MBXC225 OR MBXR225 OR MBXS225</b>	<b>Semester 2</b>	<b>NQF-level: 5b(6) Credits: 16</b>
<b>Title:</b>	Game skills application in Athletics or Cricket or Rugby or Soccer	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>coach players in the application of game skills, various game aspects and special play in a game situation.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code: MBXA324 OR MBXC324 OR MBXR324 OR MBXS324</b>	<b>Semester 2</b>	<b>NQF-level: 6(7) Credits: 32</b>
<b>Title:</b>	Practical coaching in Athletics or Cricket or Rugby or Soccer	
<b>Module outcomes:</b>	After completion of the module, the student should: <ul style="list-style-type: none"> <li>demonstrate exposure to various aspects regarding the coaching career related to the specific sport, and exercise it practically.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

**G.13.4.2 SCHOOL OF PHARMACY**

**G.13.4.2.1 Pharmacology**

<b>Module code:</b> <b>FKLG211</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmacology I	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a basic knowledge and understanding of the basic principles of pharmacodynamics, pharmacokinetics, and toxicology in pharmacology;</li> <li>• demonstrate and apply general knowledge of the pharmacological classification of drugs, with selected examples;</li> <li>• demonstrate skills with respect to the dosage calculations of various dosage forms;</li> <li>• find the most recent or missing information on drugs and treatment in appropriate sources;</li> <li>• evaluate uncomplicated pharmacological treatment regimes and give meaningful advise;</li> <li>• interpret prescribed pharmaco-therapeutic and additional treatment regimes within an ethical, accountable framework, and carry out limited drug selection for uncomplicated health disorders.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>FKLG221</b>	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 24</b>
<b>Title:</b>	Pharmacology II	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• understand and apply the basic principles of transduction systems and their link with medicine;</li> <li>• relate all the processes involved in neurotransmission to certain drug operation in the peripheral nervous system</li> <li>• apply knowledge on the operation of drugs in the peripheral nervous system and renal system and relate this to the various illnesses associated with these systems</li> <li>• understand the physiological role of the autacoids and relate this to the operation of drugs that influence the effects of these substances;</li> <li>• understand the pharmacology of drugs that have an effect on prostaglandin biosynthesis and integrate this with the treatment of fever, inflammation, pain, rheumatoid arthritis, gout and migraine;</li> <li>• understand the relevant aspects involved in the operation of drugs in the respiratory and digestive systems and relate these to the various illnesses associated with these systems;</li> </ul>	



	<ul style="list-style-type: none"> <li>relate the physiological role of vitamin, mineral and food supplements with therapy for selected illnesses;</li> <li>understand the pharmaco-kinetic principles and terminology regarding the drugs discussed in the module, and show the necessary competencies and skills to:</li> <li>retrieve and verify information from sources;</li> <li>make differential diagnoses within the context of the module;</li> <li>select suitable drugs for certain illnesses;</li> <li>communicate information and advice in writing and verbally to patients, the public and health professions;</li> <li>use appropriate technology in performing duties and responsibilities, technology and research;</li> <li>function effectively as member of a group/team;</li> <li>resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;</li> <li>act in the interests of the patient from an established ethical-moral value system.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FKLG311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmacology III	
<b>Module outcomes:</b>	<p>After completion of the module, the student should:</p> <p><b>-reflect basic knowledge of:</b></p> <ul style="list-style-type: none"> <li>the psychopathology of the various psychiatric disturbances;</li> <li>the symptoms and signs of a few neurological conditions (headache, migraine, epilepsy and Parkinsons disease);</li> </ul> <p><b>-reflect well-rounded knowledge of:</b></p> <ul style="list-style-type: none"> <li>all the aspects involved in the operation of drugs in the central nervous system and relate this to the various psychiatric and neurological diseases;</li> <li>the pharmacology of opioid analgesics, local- and general anesthetics;</li> <li>all aspects involved in the operation of drugs in the cardiovascular system and relating these to selected cardiovascular conditions;</li> </ul> <p><b>-show the necessary skills and competencies to:</b></p> <ul style="list-style-type: none"> <li>retrieve and verify information from appropriate sources;</li> <li>make differential diagnoses within the context of the module;</li> <li>select suitable drugs for certain illnesses;</li> <li>treat patients with a dependency problem in an appropriate professional manner ;</li> <li>communicate information and advice in writing and verbally to patients, the public and health professions;</li> <li>function effectively as member of a group/team;</li> <li>resolve/prevent problems caused by drugs, e.g. side</li> </ul>	

	<p>effects, toxicity, interactions, in the context of the module concerned;</p> <ul style="list-style-type: none"> <li>act in the interests of the patient from an established ethical-moral value system.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FKLG321	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmacology IV	
<b>Module outcomes:</b>	<p>After completion of the module, the student should:</p> <ul style="list-style-type: none"> <li><b>-reflect basic knowledge of:</b> <ul style="list-style-type: none"> <li>the microbic causes, general symptoms and signs of infections and infestations.</li> </ul> </li> <li><b>-reflect well-rounded knowledge of:</b> <ul style="list-style-type: none"> <li>the pharmacologic properties and pharmaco-therapeutic principles of drugs against microbial infections and parasitic infestations;</li> <li>suitable drug treatment for specific infectious conditions with due consideration of special circumstances like pregnancy, pediatric and geriatric patients;</li> </ul> </li> <li><b>-show the necessary skills and competency to:</b> <ul style="list-style-type: none"> <li>retrieve and verify information from appropriate sources;</li> <li>make differential diagnoses within the context of the module;</li> <li>select suitable drugs for certain illnesses;</li> <li>communicate information and advice in writing and verbally to patients, the public and health professions;</li> <li>function effectively as member of a group/team;</li> <li>resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;</li> <li>act in the interests of the patient from an established ethical-moral value system.</li> </ul> </li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FKLG411	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmacology V	
<b>Module outcomes:</b>	<p>After completion of the module, the student should:</p> <ul style="list-style-type: none"> <li><b>-reflect basic knowledge of:</b> <ul style="list-style-type: none"> <li>symptoms and signs of specific endocrine illnesses and special examinations;</li> </ul> </li> <li><b>-reflect well-rounded knowledge of:</b> <ul style="list-style-type: none"> <li>all the aspects involved in the operation of drugs in the endocrine system and relate this to the various endocrine illnesses;</li> </ul> </li> </ul>	

	<p>suitable drug treatment for specific endocrine conditions with due consideration of special circumstances like pregnancy, pediatric and geriatric patients;</p> <p><b>-show the necessary skills and competency to:</b></p> <ul style="list-style-type: none"> <li>• retrieve and verify information from sources;</li> <li>• make differential diagnoses within the context of the module;</li> <li>• select suitable drugs for treatment;</li> <li>• communicate information and advice in writing and verbally to patients, the public and health professions;</li> <li>• function as a member of a group/team;</li> <li>• resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in the context of the module concerned;</li> <li>• act in the interests of the patient from an established ethical-moral value system.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FKLG421	<b>Semester 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmacology VI	
<b>Module outcomes:</b>	<p>After completion of the module, the student should:</p> <p><b>-reflect basic knowledge of</b></p> <ul style="list-style-type: none"> <li>• pharmacological and pharmaco-therapeutic principles, applied in the chemo therapy of neoplastic conditions, and the therapy of dermatological conditions;</li> <li>• the <i>etiology</i> (microbiological as well as immunological) of specific skin conditions as well as the symptoms and signs of specific skin conditions;</li> <li>• immunization and immunization schedules;</li> </ul> <p><b>-reflect well-rounded knowledge of:</b></p> <ul style="list-style-type: none"> <li>• the therapy of dermatological conditions;</li> <li>• suitable drug treatment for conditions of the haemopoietic system and selected immunologic conditions;</li> <li>• sexual health and dysfunction and related therapy;</li> <li>• the application of pharmaco-kinetic and pharmaco-dynamic processes in specific patient populations;</li> </ul> <p><b>-reflect an extensive and systematic knowledge of:</b></p> <ul style="list-style-type: none"> <li>• the pharmacology and therapy (therapeutical and main undesirable effects of appropriate mechanisms by which they are elicited, clinically important kinetics, main clinical uses and clinically important drug interactions) of all groups of drugs (as included in this and all the preceding modules of pharmacology);</li> </ul> <p><b>-show the necessary skills and competency to:</b></p> <ul style="list-style-type: none"> <li>• retrieve and verify information from sources;</li> </ul>	

	<ul style="list-style-type: none"> <li>• make differential diagnoses within the context of the module;</li> <li>• select suitable drugs against a variety of illnesses and identify and analyze them in an integrated manner in complex scenarios;</li> <li>• communicate information and advice in writing and verbally to patients, the public and health professions;</li> <li>• function effectively as member of a group/team</li> <li>• resolve/prevent problems caused by drugs, e.g. side effects, toxicity, interactions, in an integrated clinical context of all drugs</li> <li>• act in the interest of the patient within an established ethical moral value system</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

#### G.13.4.2.2 Pharmaceutical Chemistry

##### G.13.4.2.2.1 Modules phasing out from 2009

#### FCHG451: METABOLISM AND PRO-DRUGS

Pc 1 x 1.5 hours 1: 1

The student will be able to: (1) explain the metabolism, deactivation and elimination of given drugs and (2) describe the mechanism of bio activation for given carrier-bonded and bio-precursor drugs.

##### G.13.4.2.2.2 Modules applicable from 2010

Module code: FCHG221	Semester 2	NQF-level: 5b(6) Credits: 16
<b>Title:</b>	Introductory Medicinal Chemistry	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• understand the pharmaceutical importance of stereochemistry;</li> <li>• reflect insight in chiral molecules of drugs;</li> <li>• reflect a sound knowledge of the chemistry and biological properties of nature products ;</li> <li>• reflect a sound knowledge of the chemistry and biological properties of inorganic medicinal products;</li> <li>• show appropriate skills in terms of cooperation in the healthcare team;</li> <li>• use acquired knowledge to advise patients on the correct and safe usage of natural products and inorganic medicinal products as single products or in combination therapy;</li> <li>• demonstrate appreciation of the role of stereochemistry in the use of medicine;</li> </ul>	

	<ul style="list-style-type: none"> <li>maintain and demonstrate strong ethical principles in drug therapy.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FCHG311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmaceutical analysis	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>illustrate proficiency of the principles involved in the analytical methods of the prescribed pharmacopoeia and to carry out selective methods in the laboratory and communicate results effectively;</li> <li>evaluate these procedures of an analytical method and give an opinion about it;</li> <li>conduct simple, applicable problem solving;</li> <li>function successfully in groups;</li> <li>conscientiously meet with conventions and ethical codes of quality control in compliance with a patient orientated approach.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FCHG321	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Medicinal Chemistry	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>relate chemical interests in organic compounds with their chemical reactivity, physical-chemical properties and biological activity;</li> <li>discuss and apply the origin of drugs and drug lead compounds and the principles and methods of drug development in an example;</li> <li>understand and apply the role of organic chemistry in drug design for example the theoretical design of drugs from lead compounds;</li> <li>describe and apply structural and quantitative structure-activity relations (SAR and QSAR) and the use thereof in drug design;</li> <li>define drug-receptor interactions and the implications thereof for drug design, with application examples;</li> <li>discuss the basic skeleton and methods for syntheses or acquiring different classes of drugs;</li> <li>know the uses, operating mechanism and methods for analyzing different classes of drugs;</li> <li>use the library effectively for retrieving chemical and biological literature;</li> </ul>	

	<ul style="list-style-type: none"> <li>communicate scientifically in different media and formulate matters carefully, unambiguously and concise by using the correct terminology;</li> <li>solve problems independently with creative and critical thinking and by using knowledge, literature and research concepts;</li> <li>function independantly in a group or in leadership role;</li> <li>use acquired knowledge to form a special attitude towards medicine and realize his/her responsibility in handling medicine.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> <b>FCHG411</b>	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Metabolism and Pro-Drug development	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>reflect extensive and systematic knowledge of the metabolic activation, -deactivation and elimination of drugs and prodrugs;</li> <li>relate chemical properties of drugs to the metabolic activation, deactivation and elimination of drugs and prodrugs;</li> <li>apply the principles of organic chemistry and drug design in the design of pro-drugs and the bio-activation and metabolism thereof;</li> <li>communicate scientifically in different media and formulate matters carefully, unambiguously and briefly by using the correct technical terminology;</li> <li>solve problems independently and in groups with creative and critical thinking and by using knowledge, literature and research concepts;</li> <li>use acquired knowledge and skills to form a special attitude towards medicine and realize his/her responsibility in handling medicine.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

#### **G.13.4.2.3      Pharmaceuticals**

##### **G.13.4.2.3.1    Modules phasing out from 2009**

#### **FCAG211:                  PHARMACEUTICAL CALCULATIONS**

Pc 1 x 2 hours    60: 40

After completion of the module the student will be able to (1) demonstrate basic knowledge and understanding of arithmetic principles as applicable in the pharmaceutical field; (2) demonstrate the ability to identify, evaluate, reason and solve known and unknown pharmaceutical-, practice orientated arithmetic principles by applying applicable methods,

procedures and techniques, (3) show understanding of the ethical implications of decisions and behaviour and act correctly within the professional context.

**FMSG221: BIOPHARMACEUTICS AND PHARMACO-KINETICS**

Pc 1 x 3 hours 60: 40

The student will be able to: (1) demonstrate basic knowledge of the concepts of bio-availability and bio-equivalence w.r.t bio-pharmaceutical and pharmaco-kinetic principles and the theory of medicine absorption, -distribution, -metabolism and -excretion (ADME) in the various drug administration routes to determine the implication and outcome of medicine therapy, (2) being able to develop applicable and ethically responsible multi-dosage programmes founded on bio-pharmaceutical factors and to evaluate and make relevant calculations through the application of relevant principles and theories; (3) demonstrate the ability to collect relevant information, (by means of IT equipment) analyze and synthesize it and communicate it in written format according to a prescribed format, and/or communicate it verbally as part of a group or explain it to a peer-group audience.

**G.13.4.2.3.2 Modules applicable from 2010**

Module code: FCAG121	Semester 2	NQF-level: 5a(5) Credits: 12
<b>Title:</b>	Introductory pharmaceutical calculations	
<b>Module outcomes:</b>	<p>For this module, outcomes are divided into four levels namely: knowledge, skills, competency and values.</p> <p><b>Knowledge</b> After completion of the module, the student should reflect sound knowledge with regard to:</p> <ul style="list-style-type: none"> <li>• fundamental mathematic operations applicable to pharmaceutical calculations;</li> <li>• calculations of ratio's;</li> <li>• calculations of percentages;</li> <li>• calculations of dilutions; and</li> <li>• simple statistical concepts (including normal distribution of data, standard deviation and relative standard deviation).</li> </ul> <p><b>Skills</b> After completion of the module, the student should reflect skills to:</p> <ul style="list-style-type: none"> <li>• apply fundamental mathematical principles correctly and use them accurately in solving relevant pharmaceutical problems;</li> <li>• apply fundamental statistics principles correctly and use them accurately in solving relevant pharmaceutical problems</li> </ul> <p><b>Competency</b> After completion of the module, the student should reflect competency to:</p> <ul style="list-style-type: none"> <li>• correctly and accurately apply relevant mathematical calculations by thinking and reasoning to solve problems with the dispensing of prescriptions.</li> </ul>	

	<b>Values</b> After completion of the module, the student should have values to: <ul style="list-style-type: none"> <li>act in an ethical manner with regard to the calculations for dispensing a prescription and relevant pharmaceutical problems.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FELG421	<b>Semester 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Choice project	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>retrieve applicable literature, study it and apply it in a project;</li> <li>evaluate and analyse a research project or practise problem and make recommendations to solve the problem;</li> <li>plan and execute applicable experiments in a research problem and process the results;</li> <li>draft a report with regard to a research/practise problem; and</li> <li>communicate a certain research/practise problem verbally.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FMSG211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Dispensing and preparation of drugs	
<b>Module outcomes:</b>	For this module, outcomes are divided into four levels namely : knowledge, skills, competency and values  <b>Knowledge</b> After completion of the module, the student should reflect fundamental knowledge with regard to: <ul style="list-style-type: none"> <li>different dosage forms and administration routes;</li> <li>the basic techniques applicable to the preparation and dispensing of dosage forms;</li> <li>the pharmaceutical calculations applicable to the preparation and dispensing of dosage forms.</li> <li>the physical-chemical principles relevant to the development of dosage forms and the operation of drugs.</li> </ul> <b>Skills</b> After completion of the module, the student should reflect skills to: <ul style="list-style-type: none"> <li>effectively and correctly use apparatus and equipment employed in preparing and dispensing medicine;</li> <li>dispense a prescription;</li> </ul>	



	<ul style="list-style-type: none"> <li>function successfully and effectively in a group;</li> <li>communicate in a scientific manner, e.g. by writing reports.</li> </ul> <p><b>Competency</b> After completion of the module, the student should be competent to:</p> <ul style="list-style-type: none"> <li>interpret and dispense a prescription;</li> <li>correctly do the pharmaceutical calculations applicable to the preparation and dispensing of prescriptions;</li> <li>apply the physical-chemical principles of the preparation of dosage forms;</li> <li>understand the importance of physical-chemical principles in pharmaceutics in order to apply them.</li> </ul> <p><b>Values</b> After completion of the module, the student should reflect values to:</p> <ul style="list-style-type: none"> <li>act in an ethical manner when preparing and dispensing a prescription;</li> <li>act in an ethically correct manner in all respects when developing dosage forms.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FMSG222	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Introductory bio pharmaceutics and pharmaco-kinetics	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to prove that he/she is proficient in the following :</p> <ol style="list-style-type: none"> <li>A complete knowledge of <ul style="list-style-type: none"> <li>❖ the basic concepts of bio-availability, bio pharmaceutics and pharmacokinetics in the design of dosage forms and dispensing; and</li> <li>❖ the absorption, distribution, metabolism and elimination (ADME) of orally administered drugs or medicine.</li> </ul> </li> <li>The skills to: <ul style="list-style-type: none"> <li>❖ function in a team/group;</li> <li>❖ interpret drug-related information and advise patients on the correct use of medicine to ensure the effective operation of drugs; and</li> <li>❖ communicate in a scientific language.</li> </ul> </li> <li>The competency to: <ul style="list-style-type: none"> <li>❖ identify and communicate the factors that influence the optimum use and operation of drugs;</li> <li>❖ identify and evaluate the influence of factors like illnesses, mass and age on variations in the operation of drugs;</li> <li>❖ assess the influence of the administration route of</li> </ul> </li> </ol>	

	<p>drugs on the optimum operation of drugs and convey this to the patient; and</p> <ul style="list-style-type: none"> <li>❖ identify possible factors that could have a negative effect on the optimum operation of drugs and take the necessary steps to improve or rectify the situation.</li> </ul> <p>4. Knowledge of the ethical values regarding the dispensing of drugs or medicine, including the provision of the correct advice and warnings to ensure the safe and effective use of medicine.</p>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> <b>FMSG311</b>	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmaceutical dosage forms and technology I	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to demonstrate the following:</p> <ul style="list-style-type: none"> <li>• a well rounded knowledge of the fundamental principles involved in the design and development (formulating, manufacturing, packaging, testing, storing and using) of medicine in general as well as oral fixed dosage forms in particular, and of the application of quality assurance systems, good manufacturing practices and quality control measures during the manufacturing of medicine;</li> <li>• the ability to apply individually or in a team, knowledge and understanding of product design and -development and quality assurance, in designing and developing (formulation, manufacture, testing &amp; packaging) of oral fixed dosage forms;</li> <li>• the ability to identify, evaluate and use the relevant pre-formulation information for all possible sources (subject text books, pharmacopoeias, internet sources) when manufacturing medicine;</li> <li>• a well rounded and systematic knowledge of determining the shelf life and expiry date of taking the appropriate chemical kinetic principles into account;</li> <li>• planning, organizing and carrying out, individually or as part of a team, on the basis of the manufacture of oral fixed dosage forms a pharmaceutical production process (from formulation to packaging).</li> <li>• the ability to communicate with other members of the health team and the patient on the correct usage and handling of medicine in general, and oral fixed dosage forms in particular; and</li> <li>• a well-rounded knowledge (and the application thereof) of the ethical and legal aspects of interest in manufacturing</li> </ul>	

	and preparing medicine.
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> <b>FMSG321</b>	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmaceutical dosage forms and technology II	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a well rounded knowledge of the physical chemical principles involved in developing liquid dosage forms (oral liquid dosage forms and parental products);</li> <li>• demonstrate well rounded knowledge of the basic principles of pharmaceutical microbiology (including the different sterilization and aseptic techniques involved in the production and handling of sterile dosage forms);</li> <li>• demonstrate the ability to apply theoretical knowledge on the said dosage forms in formulating, manufacturing, handling and storing oral liquid - and parental products;</li> <li>• demonstrate the skills to apply aforementioned knowledge on the principles of pharmaceutical microbiology during the production and handling of sterile dosage forms;</li> <li>• demonstrate the skills, ability and ethical values to act as adviser in choosing and using the mentioned dosage forms in order to ensure required outcome of drug therapy;</li> <li>• demonstrate the skills to communicate scientifically for example by report writing; in discussion of practice related problems with regard to the abovementioned dosage forms and together successfully and effectively in a group.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>FMSG411</b>	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmaceutical dosage forms and technology III	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate an extensive and systematic of the administration of drugs via the following routes: parenteral, rectal, vaginal, transdermal, pulmonary, ocular, nasal and the ear; the production (formulation, manufacturing, evaluating and packaging); dispensing, handling and storage of the mentioned dosage forms as well as dispensing and pharmaceutical calculations applicable to dispensing and pharmaceutical calculation of all dosage forms.</li> <li>• demonstrate the skills to communicate scientifically for example by writing reports; discuss practice-related problems with regard to abovementioned dosage forms and function effectively and successfully in a team and dispense</li> </ul>	

	<ul style="list-style-type: none"> <li>a prescription.</li> <li>demonstrate the competency to interpret and dispense a prescription, correctly carry out pharmaceutical calculations applicable to the preparation and dispensing of prescriptions; act as adviser (to patients and other members of the health team) on the choice and use of specific dosage forms; make a material contribution to maintaining product effectiveness and ensuring patient safety;</li> <li>demonstrate the values to act in an ethical manner in all respects in terms of all forms of dosage form development; as well as when issuing and preparing all dosage forms.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> <b>FMSG422</b>	<b>Semester 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Biotechnology and innovative dosage forms	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>an extensive and systematic knowledge of the role and application of pharmaceutical biotechnology in drug therapy and the development of dosage forms;</li> <li>the ability to explain the demands of new generation drugs on the development of dosage forms;</li> <li>have a sound knowledge of the current and future trends in drug delivery and dosage form development; and</li> <li>demonstrate an extensive and systematic knowledge of the principles of the development and use of medicine for veterinary use.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

#### **G.13.4.2.4 Pharmacy Practise**

##### **G.13.4.2.4.1 Modules phasing out from 2009**

#### **FPKG121: INTRODUCTION TO DRUG DISTRIBUTION**

Pc 1 x 1.5 hours 40: 60

The student will be able to identify and discuss the role of the pharmacist in rendering pharmaceutical services within the framework of the national medicine and health policy.

#### **FPKG311: PRACTISE MANAGEMENT**

Pc 1 x 2 hours 1: 1

The student will be able to (1) define applicable / relevant management principles and (2) apply it in certain applicable situation

**FPKG321: GOOD PHARMACY PRACTICE**

Pc 1 x 2 hours 40: 60

The student will be able to identify and describe relevant legal and good pharmacy practice principles and apply them in practice

**FPKG322: COMMUNICATION FOR THE PHARMACIST**

Pc 1 x 2 hours 40: 60

After successful completion of this module, student should be able to (1) describe a communication module as well as the respective components in the pharmacist-patient context, (2) explain, recognize and apply different listening- and response skills (3) explain and evaluate the role of the pharmacist in patient care and co-working, (4) criticize communication based on the needs of a situation or person.

Additional to the abovementioned, the student should be able to (1) demonstrate and evaluate written and verbal communication skills individually or in a group; (2) identify problems forthcoming from ineffective communication in the pharmacist-patient relationship and make recommendations to the effect, (3) function effectively in a group.

**FPKG411: HUMAN RESOURCE MANAGEMENT**

Pc 1 x 2 hours 40: 60

The student will be able to discuss the relevant/applicable resources as well as apply them in relevant pharmaceutical practice situations.

**FPKG412: HEALTH CARE MANAGEMENT**

Pc 1 x 2 hours 40: 60

The student will be able to implement the managed health research syllabus within the framework of the national health care and medicine policy and to report and interpret the results thereof.

**FPKG424: GENERAL MANAGEMENT FOR THE PHARMACIST**

Pc 1 x 2 hours 40: 60

After completion of this module, students should be able to (1) reflect management principles from an organizational perspective in general (2) give comment with regard to different themes and philosophies related to the development and history of management and to apply it in the context of the modern practice, (3) evaluate professional skills needed by managers for problem solving, (4) describe the management segments (planning, organizing, leadership, control) needed for problem solving and the creation of creative opportunities in the pharmacy environment; (5) identify present-day elements which may influence the different aspects in the management of the pharmaceutical profession, (6) deal with ethical aspects of operational management by means of verbal or written communication.

G.13.4.2.4.2 Modules applicable from 2010

<b>Module code:</b> FGPO271	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 4</b>
<b>Title:</b>	Structured practice training I	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>Submit proof of <b>exposure to, introduction to and taking cognisance</b> of: (i) <i>product variety</i>: pharmaceutical products and its different dosage forms and indications; (ii) <i>medicine supply and regulation</i>: acquisition, storage and re-packaging of medicine, and (iii) <i>dispensing of medicine</i>: prescriptions, preparation of medicine, scheduling, labeling and advising.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FGPO371	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 4</b>
<b>Title:</b>	Structured practice training II	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>submit proof of the <b>competencies and insight</b> with regard to <b>the practical application of theoretical knowledge</b> concerning: (i) <i>Product choice</i>:- Pharmaceutical and pharmacological knowledge of pharmaceutical products, its different dosage forms, indication, advantages and disadvantages; (ii) <i>Medicine Supply</i>: management of medicine supply related to control, acquisition, storage and distribution of pharmaceutical material and products, (iii) <i>Dispensing of medicine</i>: Interpretation of prescriptions, preparation, labeling and advising, (iv) <i>Regulation of medicine</i>: Insight in the implications of regulatory aspects (laws) of pharmacy keeping and medicine supply, dispensing; a pharmacy, the pharmacist and the patient (in other words complete pharmacy regulatory framework); (v) <i>Client service</i>: pharmaceutical care principles and business aspects, as well as comfortable socializing in a multi cultural environment as part of health care and pharmaceutical care; (vi) <i>Ethical aspects of dispensing</i>: living out ethical-professional thoughts and behaviour in certain contexts.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FGPO471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 4</b>
<b>Title:</b>	Structured practice training III	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>demonstrate that <b>theoretical knowledge and skills concerning analytical thinking, synthesis and problem solving</b> can be applied to ensure effective pharmaceutical services with regard to the following: (i) <i>Product choice</i>:- selection of pharmaceutical and related health products and suitable dosage forms taking medicine supply, economic-, pharmaceutical-, pharmacological-, pathological- and care principles into consideration (ii) <i>Medicine Supply</i>: solving of case studies with regard to medicine supply taking accepted economic-, pharmaceutical-, and practice principles into consideration, (iii) <i>dispensing of medicine</i>: Interpretation of prescriptions, interaction forecasts, consultation and communication with medical and other health personnel, practical preparation of specific dosage forms, implication of labeling and giving advise (iv) <i>regulation of medicine</i>: Insight in the implications of regulatory aspects (laws) of pharmacy keeping and medicine supply, dispensing, the pharmacy, the pharmacist and the patient; (in other words all pharmacy regulatory framework) (v) <i>Client service</i>: application of pharmaceutical care principles and business aspects, as well as comfortable socializing in a multi cultural environment as part of health care and pharmaceutical care; (vi) <i>IT and communication skills</i>: application of computer and internet skills in effective communication, management and problem solving (vii) <i>Ethical aspects of dispensing</i> : live out ethical and professional norms and behaviour in problem situations as well as a positive attitude against the profession.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FPKG111	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Pharmacy practise I	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>demonstrate a comprehensive synoptic knowledge of the role of the pharmacist in the management of medicine distribution in the public health care system of South Africa;</li> <li>demonstrate the competency to interpret the responsibilities of a pharmacist in the management of medicine distribution in South Africa;</li> <li>in a team or as individual, apply the legal and career aspects regarding medicine distribution within an ethical correct framework.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FPKG312	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Pharmacy practise II	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect a well rounded and systematic knowledge of accounting calculations as well as concepts of financial management;</li> <li>• demonstrate the ability to communicate orally or in writing with a financial advisor concerning financial statements;</li> <li>• demonstrate the competency to draw up operating- and financial budgets and perform arithmetic calculations;</li> <li>• apply financial management within an ethical correct and pure value system.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FPKG323	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Pharmacy practise III	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect an extensive and well rounded knowledge of communication in a pharmacist's context;</li> <li>• demonstrate the ability to explain, recognize and demonstrate the various communication skills and their use;</li> <li>• reflect the competency to work with all role players in the pharmacy profession in order to facilitate effective medicine use;</li> <li>• improve patient co-operation within an ethical framework;</li> <li>• facilitate behavioural change for the sake of effective medicine use.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FPKG413	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmacy practise IV	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect a well rounded and systematic knowledge of legislation, governing the pharmacy profession, with extensive knowledge of the Pharmacy Act (Act 53 of 1974), as amended, the Medicines and Related Substances Control Act, (Act 101 of 1965) as amended, and a few other acts applicable to the pharmacy profession</li> <li>• demonstrate the ability to communicate verbally and in writing;</li> </ul>	



	<ul style="list-style-type: none"> <li>• make inputs regarding legal and ethical issues surrounding the profession of the pharmacist;</li> <li>• identify problems with respect to the implementation of legal aspects affecting the pharmacist's profession and suggest possible solutions;</li> <li>• implement in an ethical manner the legal requirements applicable to the pharmacist in practice;</li> <li>• demonstrate an extensive and systematic knowledge of healthcare management in South Africa;</li> <li>• demonstrate expertise with regard to the principles of managed health care, the various health care instruments and certain information systems namely: medicine consuming evaluation, pharmaco-economics, proven medicine usage and pharmaco-epidemiology;</li> <li>• show the ability to implement and apply managed health care principles in the practise situation, within the framework of the national health care- and medicine policies and report and interpret the results thereof according to ethical principles.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FPKG425	<b>Semester 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Pharmacy practise V	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a comprehensive synoptic knowledge of human resources management within the context of labour legislation in South Africa;</li> <li>• demonstrate the skill of indicating the mutual relationship between the various aspects of human resources management;</li> <li>• demonstrate the competency to interpret scenarios and suggest solutions to practical problems;</li> <li>• take the lead and participate in a work team in an ethically correct manner from a pure and established value system;</li> <li>• demonstrate a well-rounded and systematic knowledge base of general management principles from an organizational perspective;</li> <li>• demonstrate the professional skills required of managers on the basis of the basic levels of management functions;</li> <li>• demonstrate effective identification and integration of the P-O-L-C (Planning-Organizing-Leading-Control) segments, to enable a manager to impact problems and opportunities in pharmacy;</li> <li>• demonstrate the competency to solve problems and identify contemporary management issues that impact on varying aspects of a pharmacy and the pharmacy profession;</li> </ul>	

	<ul style="list-style-type: none"> <li>demonstrate ethical dealings with all management operations, verbally and in writing</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

#### **G.13.4.2.5 Clinical Pharmacy**

##### **G.13.4.2.5.1 Modules phasing out from 2009**

#### **FPFG422: CLINICAL PHARMACY**

Pc 1 X 3 hours 70:30

After completion of the module, the student will be able to: (1) illustrate knowledge w.r.t the theory and philosophy of pharmaceutical care (2) develop a pharmaceutical care plan for an individual patient, (3) interpret basic laboratory tests, (4) document and interpret patient history and/or clinical anamneses, (5) execute and interpret clinical screening tests and advise patients by means of accurate clinical judgements concerning secondary health care, (6) execute physical investigations w.r.t primary health care, (7) demonstrate competency during the examination of the neurological system, chest, abdomen, eyes, mouth, ear nose and throat, (8) demonstrate knowledge and competency in injection techniques, (9) demonstrate knowledge and competency regarding immunisation (10) demonstrate knowledge and skills w.r.t the handling and treatment of less serious diseases, (11) identify & prevent medicine related problems and deal effectively with patient concerns (12) anticipate and explain the functioning and secondary effects of medicine as well as contra indications and clinical principles involved (13) integrate applicable knowledge of pharmacology and apply on the level of primary health care (14) demonstrate insight with regard to the handling and care of chronic diseases; (15) demonstrate knowledge and skills regarding rational therapy of less serious diseases and referral of serious diseases /complications for secondary health care (16) demonstrate knowledge w.r.t the ethiology, symptoms and signs, as well as the treatment of series of general diseases which include: neurological disorders, ophthalmic disorders, disorders of the mouth, ear, nose and throat, upper and lower respiratory system, cardiovascular illnesses, diabetes, muscular/skeletal disorders, dermatological disorders, urinary tract infections and sexual transferable diseases; (17) function successfully in a group and take leadership; (18) solve problems by obtaining relevant information, verify it and communicate it in a extensive report (19) live out ethical and professional norms of the profession.

##### **G.13.4.2.5.2 Modules applicable from 2010**

<b>Module code:</b> FPFG311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Clinical pathology	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>demonstrate a well-rounded knowledge of general pathological processes like the acute and chronic inflammation reactions, hypersensitivity reactions, circulation disorders and cellular reactions to injuries by applying this in solving problems;</li> <li>demonstrate a well-rounded knowledge of pathological</li> </ul>	

	<p>processes of specific illnesses of different organ systems by applying this in case studies;</p> <ul style="list-style-type: none"> <li>• provide proof of a well-rounded knowledge of human micro and macro-anatomy and use this with confidence in analyses and evaluations of scenarios and sets of facts;</li> <li>• recognize and deal with illnesses and deviations that commonly occur;</li> <li>• participate successfully in group work and also take the lead;</li> <li>• gather and verify information and place it in a coherent report and communicate it to an audience with the aid of IT equipment;</li> <li>• act in an ethically correct manner from an established value system;</li> <li>• compare the normal and abnormal aspects of the human body and its systems.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FPFG321	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Health science	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• display a well-rounded knowledge of illnesses; demonstrate the identifying/typifying symptoms thereof and explain the importance thereof to the practicing pharmacist;</li> <li>• demonstrate knowledge of the etiology (causes) of illnesses;</li> <li>• demonstrate skills in taking a patient history so that this process is deliberately aimed at making a differential diagnosis and a recommendation of a treatment regime;</li> <li>• handle patients with respect and dignity;</li> <li>• indicate that he/she is acting from an established and purely ethical background;</li> <li>• demonstrate competence in providing appropriate practical patient advice, including providing advice on the illness, and the correct and safe use of medicine with empathy</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FPFG411	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Clinical Pharmacy I	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate knowledge of the theory and philosophy of pharmaceutical care;</li> <li>• develop a pharmaceutical care plan for a patient;</li> </ul>	

	<ul style="list-style-type: none"> <li>demonstrate knowledge and skills in carrying out screening tests (urine analysis, blood tests, cholesterol tests, monitoring blood pressure and lung function tests), as well as in implementing primary care screening tests and monitoring services in a pharmacy;</li> <li>interpret basic laboratory tests; and</li> <li>carry out physical examinations at primary healthcare level, including examinations of the neurological system, chest, abdomen, eyes, mouth cavity, ears, nose and throat.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> <b>FPFG423</b>	<b>Semester 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Clinical Pharmacy II	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>provide pharmaceutical care within the scope of the pharmaceutical profession.</li> <li>integrate knowledge of pharmacology and clinical skills with new knowledge on pharmacology and apply this meaningfully in practice.</li> <li>reflect knowledge and skills with respect to the handling of anaphylaxis, injection techniques, and the treatment of less serious illnesses and the referral of serious illnesses or complications to secondary healthcare.</li> <li>be familiar with the etiology, symptoms and treatment of a series of general illnesses that include: neurological disorders, ophthalmic disorders, illnesses of the mouth cavity, upper and lower respiratory tract infections, cardiovascular illnesses, gastro-intestinal illnesses, diabetes, urinary tract infections, sexually transmitted diseases, skeletal and joint diseases, skin diseases, and illnesses caused by parasites</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FLGX113	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Introductory Physiology	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate basic knowledge with regard to structural and chemical compounds in the human body, the cell structure, different membrane transfer systems, homeostatic control systems, enzyme functioning, membrane potential and cellular communication as foundation for further study in physiology.</li> <li>• Know and use the relevant subject related terminology.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FLGX123	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Membrane and Muscle Physiology	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect a sound knowledge of the biophysical (potential differences, charge, current flow) and biochemical character (chemical composition of ion channels, conformation changes of channel proteins, ligand-receptor-interactions) of membrane physiology;</li> <li>• reflect a sound knowledge of the importance of membrane physiology in the control of physiological functions through the change in membrane permeability;</li> <li>• reflect a basic knowledge of the cellular communication and information transfer as essential substructure for further study;</li> <li>• demonstrate fundamental knowledge of the functional anatomy of muscle tissue, the molecular mechanism of contraction, the processes associated with excitation-contraction coupling and neuromuscular junction, as well as to discuss its applications, for example food poisoning;</li> <li>• understand and apply the principles of muscle mechanics in the use of e.g. exercise apparatus;</li> <li>• describe and apply the energy metabolism of muscle contraction in for example exercise;</li> <li>• distinguish between skeletal muscle, smooth muscle and heart muscle and the practical use of the differences indicated;</li> <li>• discuss and illustrate with effective examples the control and coordination of motor movement;</li> <li>• show the ability to identify and analyze the causes and consequences of muscle deviations such as myasthenia</li> </ul>	

	gravis, muscle dystrophy, rigor mortis, hypertrophy and atrophy.
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> <b>FLGX114</b>	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Introductory Physiology for BA and BSc Consumer Sciences	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• reflect basic knowledge regarding the alimentary canal, food digestion, absorption and digestion, nutrition and metabolism, temperature regulation, the urinary system, the fluid and electrolyte balance, and sensory receptors;</li> <li>• know and be able to use the relevant technical terminology;</li> <li>• reflect knowledge of the sources in which scientific information about physiology appears;</li> <li>• be able to apply the basic knowledge that is acquired to the practice of your future occupation; and</li> <li>• demonstrate an ethical responsible attitude to human physiology.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>FLGX124</b>	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Muscle Physiology for BA	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate basic knowledge about the muscle system, nerve supply to the muscles, functioning of the muscles, heart and respiratory system;</li> <li>• know and use relevant terminology;</li> <li>• apply basic knowledge in a future career in practice;</li> <li>• retrieve scientific information about physiology from different sources;</li> <li>• demonstrate ethical aspects in the human physiology.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>○ show adequate knowledge during assessments;</li> <li>○ knowledge on subject terminology;</li> <li>○ consult applicable sources and complete the assignment correctly;</li> <li>○ interpret and answer practice related questions correctly during assessment;</li> <li>○ reason from an ethical accountable value system during group discussions and in assessment opportunities.</li> </ul>	

<b>Module code:</b> <b>FLGX213</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Endocrine system and digestion	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate the characteristics and functioning of hormones and endocrine glands;</li> <li>• demonstrate insight into the chemical classes of hormones with examples and physiological functions of hormones in each class;</li> <li>• apply hormones as chemical messengers in homeostatic control mechanisms;</li> <li>• demonstrate a sound knowledge of hormone synthesis, secretion and the control of secretion, transport, metabolism, mechanisms of hormone functioning, and the hypothalamus-hypophysis control system;</li> <li>• apply knowledge of endocrinology in order to explain endocrine abnormalities such as inter alia diabetes mellitus and hypo- or hyperthyroidism;</li> <li>• demonstrate fundamental knowledge of the functional anatomy, design, function and control (neural and hormonal) of the digestive tract and associated organs; and</li> <li>• demonstrate the ability to identify and analyze causes and consequences of abnormalities of the digestive tract</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>FLGX223</b>	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Physiological defense mechanisms	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• use the relevant scientific terminology, demonstrate a sound knowledge of the defense mechanisms, including the role of the skin as first line of defense, the non-specific and specific defense mechanisms of the body, as well as the way the body fights the invasion of viruses and bacteria, and also the formation of cancer cells.</li> <li>• reflect a knowledge of coagulation of blood and the mechanism for limiting the loss of blood (loss of blood may threaten the survival of the body).</li> <li>• substantiate the value of knowledge of the physiological defense mechanisms for human health and also be able to argue and solve relevant physiological defense mechanism problems in an integrated manner.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FLGX224	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Metabolism	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• discuss the role of adenosine triphosphate (ATP), energy sources and metabolism rate;</li> <li>• draw and explain diagrams and schematic representations of the most important metabolic ways such as glycogenesis, glycogenolysis, glucose, Krebs cycle and oxidative phosphorylation;</li> <li>• communicate about aspects of carbohydrate, lipid and protein metabolism; and</li> <li>• discuss the characteristics, causes and consequences of metabolic deviations such as ketosis and atherosclerosis.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FLGX312	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Excretion	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• discuss the physiological anatomy of the kidney, and have knowledge of the processes of urine formation, the micturition reflex, as well as the composition of urine.</li> <li>• reflect knowledge of the role of the kidneys in maintaining the acid-base balance (alkalosis and acidosis) of the body, as well as the maintenance of homeostasis in general, and be able to apply this knowledge in order to explain the role of the kidney in different physiological control processes.</li> <li>• reflect knowledge about the role of the skin in secretory functions and homeostasis.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FLGX313	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Respiration	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• understand the role of the lungs in the maintenance of the internal environment of individual cells and the body;</li> <li>• understand the ventilation of the lungs where oxygen moves to the alveoli and carbon dioxide as metabolic waste product is removed;</li> <li>• reflect knowledge of the exchange of oxygen and carbon dioxide by means of passive diffusion in the alveoli, as well as in the tissue;</li> </ul>	



	<ul style="list-style-type: none"> <li>describe the structure of hemoglobin, and the role of hemoglobin in the transport of oxygen and carbon dioxide in the blood;</li> <li>take note of the cardiovascular system's role in the transport of the respiratory gases to and from the tissue;</li> <li>have knowledge of the way in which respiration takes place and how disease affects the respiratory system; and</li> <li>have knowledge of the lung as target organ for atmospheric pollutants.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FLGX314	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Cardiovascular physiology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>demonstrate scientific knowledge and insight into the mechanisms, functions, physical characteristics and integrated control of the cardiovascular system;</li> <li>understand and apply the development of an electric impulse and the conduction of it over the heart;</li> <li>reproduce the process during the cardiac cycle and apply it during e.g. cardiac failure and exercise;</li> <li>understand the medical physics of pressure, flow and resistance; be able to discuss the microcirculation and the lymphatic system and apply the knowledge in various diseases;</li> <li>discuss the vascular distensibility and the functions of the arterial and venous system;</li> <li>demonstrate knowledge and insight into the integrated control of the cardiac output, venous return, blood pressure and local blood flow;</li> <li>communicate the dominant role of the kidney in the long-term control of the arterial blood pressure and explain different models of hypertension;</li> <li>execute and practically apply graphic analysis of heart function;</li> <li>show knowledge and insight into the coronary circulation and apply it in coronary disorders;</li> <li>apply and integrate knowledge such as in circulatory shock, myocardial infarction and other pathological conditions; and</li> <li>identify, solve and/or prevent risk factors for cardiovascular diseases.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FLGX325	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Neurophysiology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• reflect knowledge of the main functions of the nervous system, namely sensory, motor and integration, including neuron structure and function, impulse conduction and synapse functioning;</li> <li>• reflect a sound knowledge of the functioning of the sensory nervous system, including receptor function, somatic sensation (e.g. pain and dealing with pain), the physiology of sense-organs (e.g. sight, hearing, taste and smell);</li> <li>• reflect a sound knowledge of the receipt of and reaction on sensory information to understand the functioning of the motor system, including the spinal cord, motor brain cortex, cerebellum and basal ganglia; and</li> <li>• understand and know the functioning of the higher cortex as integration function of the nervous system, including: dominant hemisphere, verbal and non-verbal intelligence, behavioural and motivational mechanisms, brain activity, epilepsy and sleep.</li> <li>• understand the mechanisms of the synthesis and operation of the different types of neurotransmitters in order to comprehend the neuropathology of inter alia depression, Tourette's syndrome, Alzheimer's disease, Parkinsonism, schizophrenia, dyslexia, and feeding behaviour, and alcohol and drug abuse on memory.</li> <li>• understand the structure and integration of the autonomic nervous system with the limbic system and the role thereof in reactions such as the stress reaction.</li> <li>• demonstrate a sound knowledge of brain metabolism and the cerebrospinal fluid system, as well as the importance of nutrition and cranial trauma on the brain.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FLGX326	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Reproductive and environmental physiology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• reflect a sound knowledge of the structure and function of the male and female sexual systems, as well as the endocrine control of sexual functions.</li> <li>• reflect knowledge of pathological conditions of the sexual systems such as infertility and sexually transmitted diseases.</li> <li>• reflect a sound knowledge of the process of conception, physiological adaptations of the mother during pregnancy and the physiological adaptations of the new-born baby.</li> </ul>	

	<ul style="list-style-type: none"> <li>• reflect knowledge of the physiological changes that take place during puberty and menopause.</li> <li>• reflect sound knowledge of the human physiological reactions and adaptation with regard to various environmental factors; including stress, smoking, ultraviolet radiation, noise, temperature and environmental pressure.</li> <li>• reflect knowledge of smoking-related and alcohol-related pathology, the effect of high and low environmental temperature on the body and related pathology, noise-related pathology as well as the adaptation of the body to high and low environmental pressure.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> FLPX112	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Physiology for Pharmacy and Nursing Science A	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• describe the basic cell functions, cell structure, protein activity and movement of molecules over cell membranes as well as homeostatic mechanisms;</li> <li>• have a sound knowledge of cellular communication, nerve control systems, and sensorial systems.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FLPX122	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Physiology for Pharmacy and Nursing Science B	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect knowledge of the hormonal control systems, respiration physiology, digestion physiology muscle physiology and reproductive physiology;</li> <li>• know and use the subject terminology correctly;</li> <li>• reflect knowledge of general diseases associated with abovementioned organ systems.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> FLPX221	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Physiology for Pharmacy and Nursing Science C	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• reflect fundamental knowledge of the cardiovascular system, kidney physiology and immunology;</li> <li>• know and use the subject terminology correctly;</li> <li>• reflect knowledge of general diseases associated with abovementioned organ systems.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

#### G.13.4.3.2 Dietetics / Nutrition Science

##### G.13.4.3.2.1 Anatomy

<b>Module code:</b> ANAS122	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Systemic anatomy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• discuss the macro-anatomy of the cardio pulmonary system, gastrointestinal system, urogenital system and central nervous system according to case studies to demonstrate knowledge and understanding of the fundamental role of systemic anatomy in the Health Sciences so that health can be promoted, maintained and restored.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

##### G.13.4.3.2.2 Health Promotion

<b>Module code:</b> VPGR211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Introduction to Primary Healthcare	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• critically evaluate and give an overview on health care services in South Africa, with specific reference to primary health care;</li> <li>• participate actively in community programmes and health services on the grounds of basic principles and components of primary health care within legal-, ethical- and socio-cultural frameworks;</li> <li>• use the applied scientific approach to facilitate health promotion by giving consideration to ecological and preventative-, promotion- and rehabilitation dimensions, whilst providing the highest standard health care</li> </ul>	

	<p>contributing to recovering of health in individuals, families and groups in the community;</p> <ul style="list-style-type: none"> <li>function as member of a health team, involved in community health, whilst demonstrating a conscious understanding of the role and function, responsibility and accountability as nursing professional in the discipline of community health and within the broader health system; and</li> <li>apply the scientific process of nursing in order to provide a cultural congruent primary health care service to the mother and child, from birth to adolescent.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> VPGW211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Health Promotion	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>distinguish between pathogenic and fortigenic paradigms from a meta-theoretical, theoretical and empirical level, in order to realize the additional value of approaches during health promotion;</li> <li>demonstrate knowledge concerning national and international health promotion strategies;</li> <li>demonstrate an awareness of health determinants by giving consideration to external- risk- and protection factors on individual-, group- and community level;</li> <li>develop co-operation and network strategies, skills, mechanisms and processes in order to promote health in a certain context;</li> <li>develop knowledge, a positive attitude and skills with regard to community development;</li> <li>critically analyze the planning, implementation and evaluation of a health promotion project at the hand of a multi disciplinary case study; and</li> <li>demonstrate knowledge and insight in behaviour adjustments during the facilitation of improved life quality.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

**G.13.4.3.2.3 Therapeutic Nutrition**

<b>Module code:</b> VTRP321	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 24</b>
<b>Title:</b>	Therapeutic nutrition	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• reflect knowledge about of specific states of illness with dietary implication;</li> <li>• analyze case studies in order to demonstrate expertise, both in theory and in practice, with regard to nutrition support, trauma and the relationship between states of sickness and nutrient interaction;</li> <li>• compile or adjust a nutritional plan to monitor and/or to recover from relevant states of health conditions and motivate and evaluate the value thereof;</li> <li>• on all levels of functioning act professionally according to ethical values in communication and treatment of sick and healthy patients/clients.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VTRP471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 40</b>
<b>Title:</b>	Applied Therapeutic nutrition	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate knowledge regarding the nature, etiology, symptoms, clinical portrait, pathology, diagnosis and the medication of specific diseases regarding dietary implications,</li> <li>• analyze case studies and demonstrate knowledge in a practical and theoretical manner about the relation between diseases of the different organs, immune system and nutrient actions, and amend or replace a nutrient management plan in monitoring and/or recovery of relevant diseases in the hospital as well as community;</li> <li>• motivate and evaluate the value of a specifically adjusted diet in prognosis and/or recovery from specific disorders;</li> <li>• display skills and competency w.r.t principles, practice and evaluation of diets for pediatric patients.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

G.13.4.3.2.4 Nutrition

Module code: HOB615	Semester 2	NQF-level: Credits: 32
<b>Title:</b>	Policy analysis and project management	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• Understand what Public Policy is all about and demonstrate a critical and creative approach towards it;</li> <li>• Discuss the theory and practice of Public Policy at the level of maturity as an Honors candidate;</li> <li>• Know what the primary objective of public management and governance, as functional activity of Public Management and Administration entails;</li> <li>• Understand public policy and the statutory framework that must accommodate the implementation of public policy;</li> <li>• Understand the role of the community in the policy-making processes;</li> <li>• Deliver a meaningful contribution to the functioning of the public sector's activities and goals through critical and evaluative thinking;</li> <li>• Understand the planning process as it encompasses the processes of policy formulation, adoption, implementation and evaluation.</li> <li>• Define the concepts projects, programmes and project management;</li> <li>• Analyze the project management cycle;</li> <li>• List and explain the practical steps in project management;</li> <li>• Explain how to organize for project management;</li> <li>• Describe how line and project management structures should be combined;</li> <li>• Evaluate the interface between institutional strategy implementation and project management;</li> <li>• Evaluate the relevance of project management as a service delivery tool.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

Module code: NPRG321	Semester 2	NQF-level: 6(7) Credits: 16
<b>Title:</b>	Nutrition programming	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a comprehensive and systematic knowledge and understanding of the nutrition programming process;</li> <li>• demonstrate knowledge and understanding of successes in nutrition programming; and</li> <li>• demonstrate knowledge and understanding of relevant and applicable interventions in South Africa to solve nutrition problems.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> PHNT411	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Public health nutrition as science	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate comprehensive understanding of public health approaches, -concepts and –practices in order to develop strategies to manage/control specific nutrition related illnesses; and</li> <li>• demonstrate a comprehensive understanding of the complex relation between nutrition and health, and malnutrition (under- and over feeding)</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> PHNC471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 24</b>
<b>Title:</b>	Public health nutrition – Community level	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate, as individual or a part of a team, a sound competency to evaluate and analyze nutrition problems and –needs in groups and individuals in the community from an established value system;</li> <li>• demonstrate the ability to develop, design, implement, monitor and evaluate a suitable intervention programme in the community;</li> <li>• utilize applicable education guidelines to plan and facilitate interactive contact sessions for groups of vulnerable people in a community by using applicable resources and evaluating from certain criteria;</li> <li>• demonstrate an ethical accountable approach in the management and implementation of community nutrition services and programmes.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> PHND471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 24</b>
<b>Title:</b>	Public health nutrition – Regional level	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate, as individual or as part of a team, a fundamental knowledge and understanding of national nutrition policies, guidelines and an integrated nutrition programme from an established value system;</li> <li>• demonstrate the ability to, as part of a multi- and inter disciplinary group, participate in the development of a food-</li> </ul>	



	<p>and nutrition policy for the district, and in management thereof, understand and implement internal and external policies;</p> <ul style="list-style-type: none"> <li>• use epidemiologic nutrition data as well as other relevant data to determine critical issues and to initiate suitable action through planning, design, monitoring and evaluation to improve nutrition in the district;</li> <li>• demonstrate practical skills to use instruments of the District Health Information System (DHIS) software program to its full potential in order to improve quality of data, reflectors, reports and feedback; and</li> <li>• demonstrate the ability to access the educational needs of individuals and/or groups in the community/associations, involved in providing nutritional services and develop applicable education programmes.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1

<b>Module code:</b> PHNM471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 24</b>
<b>Title:</b>	Public health nutrition – Management level	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate from an ethical value system, as individual or as part of a team, a sound knowledge and practical skills with regard to food safety as a critical element of the transformation process taking the following into consideration: availability of food, distribution of meals, purchase, reception and production;</li> <li>• identify, analyze, evaluate and make proposals and recommendations in report format with regard to complex situations and problems related to human resource management, productivity, the budgeting process, performance and financial management in a Food Service unit;</li> <li>• as individual or as part of a team, collect, evaluate and integrate scientific information in developing menu's for healthy and sick people; and</li> <li>• as individual or as part of a team, as manager of the section in a Food Service unit, recognize and implement generic aspects of management (leadership, planning, implementation, delegating and evaluation) in real life situations.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	
<b>Module code:</b> VNAV472	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Nutrition research	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate comprehensive and systematic knowledge of</li> </ul>	

	<ul style="list-style-type: none"> <li>nutrition problems in a community or food service set up;</li> <li>demonstrate comprehensive and systematic knowledge of research methods, -techniques and –technologies to identify a complex nutrition problem;</li> <li>undertake a literature study and analyze and evaluate information critically and develop a research project; and</li> <li>implement a research proposal by: <ul style="list-style-type: none"> <li>collect applicable data, interpret results and communicate recommendations in written mandates (article format) of at most 75 pages</li> <li>present data in a Power Point presentation of at most 15 minutes to participants in the study.</li> </ul> </li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1

<b>Module code:</b> VNDL311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Nutrition: Lifestyle health disorders	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>show confidence in the nature, etiology, symptoms, clinical image, pathology, diagnoses of and medication for diseases with dietary implications;</li> <li>evaluate case studies to demonstrate skills theoretically and practically regarding the association between illnesses, medicine, the digestion system and nutrient interaction ;</li> <li>develop or adjust a diet in order to monitor or manage a relevant illness;</li> <li>motivate and evaluate the value of a specially designed diet in the prognosis and management of specific illnesses; and</li> <li>communicate from an ethical accountable framework on all levels of functioning with sick and healthy patients/clients.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VOED113	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Introduction to the profession	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>from the perspective of an established ethical value system, demonstrate solid knowledge and insight with regard to the professional skills of a qualified dietician and nutritionist when applying relevant acts and regulations of the Board of Health Professions in South Africa, to identify the most cardinal career paths in the various professions.</li> <li>As individual or part of a group, identify, analyze, and evaluate simple real life situations and problems with regard to code of conducts for professional nutritionists and/or dieticians as well as health problems peculiar to the</li> </ul>	

	South African community and make proposals and recommendations to tender solutions; and <ul style="list-style-type: none"> <li>Collect, evaluate and integrate in a report, scientific information with regard to ethical behaviour, private practice and lifelong learning, which conform to the format requirements and conventions of the discipline, and communicate it verbally to an audience.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1

<b>Module code:</b> VOED122	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Nutrition status	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>evaluate nutrition status together with accompanying health risks;</li> <li>prescribe a balanced diet and make dietary adjustments for the general public and sportsmen and -women;</li> <li>demonstrate an ethical accountable approach in the compilation and analysis of dietary plans;</li> <li>with regard to nutrition, distinguish between scientific knowledge and quackery;</li> <li>interpret information on food etiquettes;</li> <li>calculate own daily energy consumption;</li> <li>categorize own body weight;</li> <li>calculate the weight needed to reach a healthy body weight index;</li> <li>recommend a sensible strategy to reach and maintain a healthy body weight.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VOED211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Nutrients	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>demonstrate a well rounded and systematic knowledge regarding the physical and chemical nature of carbohydrates, metabolic functions and the health effect thereof, transportation of lipids in the blood, protein sources, micro nutrients, functional food categories and fito-chemicals;</li> <li>demonstrate competency and skills to identify and analyze dietary problems, plan diets, and analyze, evaluate and solve dietary problems in real case studies with the aid of applicable guidelines, principles and theories; and</li> <li>as an individual or as part of a team communicate</li> </ul>	

	prescribed standard proposals and results by means of applicable IT equipment verbally and in writing to peers and experts.
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1

<b>Module code:</b> VOED221	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Family and community nutrition	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• identify physiological and sociological factors affecting nutrition requirements during the life cycle;</li> <li>• conduct dietary assessments and make recommendations to individuals and groups in the different stadia of the life cycle in order to optimize their nutrition status;</li> <li>• interpret growth norms for babies;</li> <li>• promote breastfeeding;</li> <li>• evaluate school nutrition programmes theoretically;</li> <li>• function effectively in teams;</li> <li>• founding the value of family nutrition from an ethical philosophic perspective;</li> <li>• submit an overview of the national nutrition policy, dietary guidelines and integrated nutrition programmes;</li> <li>• identify nutrition problems in the community, analyze it critically and plan and evaluate applicable interventions;</li> <li>• reflect an ethical accountable approach to the management of community nutrition services; and</li> <li>• function in teams to reach outcomes applicable to community nutrition.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VOED323	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 24</b>
<b>Title:</b>	Advanced nutrition and nutrition research	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• retrieve, read, interpret and evaluate scientific literature independently and include it in a scientific report which can be used during practical nutrition educational sessions for individuals, groups and communities;</li> <li>• evaluate the utilization of any ergogenic nutritional aids and assist athletes to adjust their body composition by planning and implementing individual meal plans;</li> <li>• critically evaluate the physiological and metabolic effects of starch fractions, dietary fibre, glucemic index, polyunsaturated fats and anti-oxidants, as well as the role of the glucemic index in sport performance;</li> </ul>	

	<ul style="list-style-type: none"> <li>• evaluate the role of omega-3 polyunsaturated fats in fetal- and baby development</li> <li>• discuss the relation between genetics, nutrition and health;</li> <li>• reflect knowledge in the integrated nutrition programme for South Africa which provides a framework for the implementation of nutrition programmes;</li> <li>• apply the principles of abovementioned plan and critically evaluate and adjust food based dietary guidelines and nutrition intervention programmes for specific target groups in the South African community;</li> <li>• function effectively in a group and understand the importance of multi-disciplinary co-operation;</li> <li>• communicate knowledge scientifically by means of reports or verbal dialogue; and</li> <li>• be aware of the necessity to be in the outskirts of latest development in nutrition science.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1

<b>Module code:</b> VOED471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 40</b>
<b>Title:</b>	Community nutrition practice	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• as individual or as part of a team from an ethical value system, demonstrate fundamental knowledge with regard to nutrition requirements of groups and individuals in the community, national nutrition policy, dietary guidelines and the integrated nutrition programme,</li> <li>• demonstrate practical skills to critically evaluate complex situations and problems related to nutrition policy, dietary guidelines and the integrated nutrition programme, and motivate improvements;</li> <li>• collect scientific information concerning nutrition problems in the community in a group, critically evaluate it and integrate it in applicable and suitable interventions;</li> <li>• use applicable education principles in the planning of interactive contact opportunities for groups of vulnerable people in the community by means of applicable aids, and evaluate at the hand of specific criteria;</li> <li>• reflect an ethical accountable approach to the management and implementation of community nutrition services.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

**G.13.4.3.2.5 Food Service Management**

<b>Module code:</b> VVDB313	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Food Service Management: Systems and large scale production	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• from an ethical value system demonstrate sound knowledge and practical skills, as individual or as member of a team, with regard to food provision as a critical element in the transformation process, taking the following into consideration: availability of food, distribution of meals, reception and production.</li> <li>• Identify, analyze and evaluate situations and problems with regard to control, transformation, outputs, inputs and environmental aspects in the FSM, and integrate and present proposals or solutions in report format; and</li> <li>• collect, evaluate and communicate scientific information in a group by means of well structured arguments with an awareness of client needs and cultural background, and integrate such information in the compilation and implementation of menus for healthy and ill persons.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VVDB324	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 12</b>
<b>Title:</b>	Food Service Management: Management aspects	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• as individual or as member of a team from an ethical value system demonstrate sound knowledge and practical skills, with regard to management and leadership as critical elements of the transformation process;</li> <li>• Identify, analyze and evaluate real life situations and problems with regard to the management of human resources, productivity and the budget process, work performance and financial management in the FSM, and present proposals or solutions to the effect; and</li> <li>• collect, evaluate and integrate scientific information by means of applicable IT equipment into a report, conformed to the format requirements and conventions of the discipline, and communicate it verbally to an audience.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VVDB471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 40</b>
<b>Title:</b>	Food Service Management: Management Practice	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to demonstrate:</p> <ul style="list-style-type: none"> <li>Skills and values/attitude (based on the knowledge obtained in VVDB 313 and VVBD 324) concerning generic aspects of management; menu planning, menu analysing (by using a computer), menu executing and menu evaluation; large-scale food preparation and serving; problem solving and dealing with conflict; implementation of standard recipes, staff training; evaluation of the lay-out of a food service unit, repair and maintenance of equipment; composing of job descriptions, working schedules, production programmes; danger analyses, presentations; composing and implementation of food safety and hygiene control programmes.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

### G.13.4.3.3 Consumer Sciences

#### G.13.4.3.3.1 Fashion

<b>Module code:</b> VKLE114	<b>Semester 1</b>	<b>NQF-level: 5</b> <b>Credits: 12</b>
<b>Title:</b>	Fashion History	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>have knowledge concerning architectural, furnishing/interior and clothing styles, recognise them and describe them using the correct terms;</li> <li>have insight in the factors through which these styles originated and developed;</li> <li>have obtained an appreciation for the cultural heritage covered by the study module;</li> <li>be able to evaluate modern fashion trends by recognising historical characteristics and influences; and</li> <li>Access references in the library and on the Internet, and integrate the relevant information in literature assignments and correctly apply literature references.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>A written evaluation is done and a minimum of 40% is required to pass the evaluation.</li> <li>The module mark is computed from the formative and summative assessment in a ratio of 1:1.</li> <li>A minimum of 50% is required to pass the module.</li> </ul>	

<b>Module code:</b> VKLE214	<b>Semester 1</b>	<b>NQF-level: 6</b> <b>Credits: 16</b>
<b>Title:</b>	Introduction to the Fashion industry	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• have basic background knowledge of the clothing and textile industry;</li> <li>• apply the distribution channels to any given products;</li> <li>• explain the role of the consumer scientist in the fashion industry;</li> <li>• predict the influence that various role players have on the consumer;</li> <li>• explain the South African retail structure and also evaluate its effectiveness;</li> <li>• have insight in the origin and development of fashion;</li> <li>• analyse factors that influence consumer acceptance of fashion, and analyse and explain the principles of fashion prediction;</li> <li>• explain the importance of the effective visual display of merchandise;</li> <li>• use the library and Internet to access information; and</li> <li>• conduct an informed conversation concerning the controversial ethical issues in the South African fashion industry.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>• A written evaluation is done and a minimum of 40% is required to pass the evaluation.</li> <li>• The module mark is computed from the formative and summative assessment in a ratio of 1:1.</li> <li>• A minimum of 50% is required to pass the module.</li> </ul>	

<b>Module code:</b> VKLE312	<b>Semester 1</b>	<b>NQF-level: 7</b> <b>Credits: 16</b>
<b>Title:</b>	Textile Studies	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• reflect a sound knowledge of textile fibres, threads, textile fabric construction and finishes;</li> <li>• analyse textile-related problems of consumers and to make the correct recommendations by applying textile knowledge;</li> <li>• compare various textile materials for serviceability, and to recommend suitable choices for different purposes;</li> <li>• at all times give guidance to the textile user from an established ethical value system;</li> <li>• obtain and use textile sources in an ethically correct manner;</li> <li>• have skills in the use of apparatus and techniques to evaluate and construct textiles;</li> <li>• use various forms of technology to effectively communicate</li> </ul>	



	knowledge concerning textiles to the user; and <ul style="list-style-type: none"> <li>co-operate and function as a member of a group on group assignments</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>A written evaluation is done and a minimum of 40% is required to pass the evaluation.</li> <li>The module mark is computed from the formative and summative assessment in a ratio of 1:1.</li> <li>A minimum of 50% is required to pass the module.</li> </ul>

<b>Module code:</b> VKLE321	<b>Semester 2</b>	<b>NQF-level: 7</b> <b>Credits: 16</b>
<b>Title:</b>	Fashion industry and psycho-social clothing behaviour	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>clarify stock management from the manufacturer's point of view by defining the role of the consumer and the consumer scientist in this regard;</li> <li>identify, satisfy and solve the needs, preferences and problems of consumers in the accessories industry;</li> <li>evaluate and effectively apply existing trend prediction techniques to any retailer;</li> <li>start functioning independently and in a problem-solving manner as consumer scientists;</li> <li>demonstrate insight in the clothing behaviour of individuals and groups from a framework of cognitive and symbolic interaction;</li> <li>discuss and demonstrate the influence of culture on clothing and the individual with examples;</li> <li>demonstrate a critical disposition towards social psychological aspects of clothing from a Christian value-orientation;</li> <li>efficiently co-operate with others in groups; and</li> <li>use the library and Internet to access information</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>A written evaluation is done and a minimum of 40% is required to pass the evaluation.</li> <li>The module mark is computed from the formative and summative assessment in a ratio of 1:1.</li> <li>A minimum of 50% is required to pass the module.</li> </ul>	

**G.13.4.3.3.2 Consumer Resource Management**

<b>Module code:</b> VGHB117	<b>Semester 1</b>	<b>NQF-level: 5</b> <b>Credits: 12</b>
<b>Title:</b>	Consumer behaviour	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate the necessary knowledge and insight in the subject field of consumer behaviour and discuss the factors that influence it;</li> <li>• reflect basic background knowledge of consumer socialising, consumer decision-making and consumer purchasing practices;</li> <li>• demonstrate insight into the importance of consumerism, and be able to apply related aspects within a South African context and in various scenarios;</li> <li>• develop an understanding of the theoretical and cultural perspectives underlying various family structures and be able to apply knowledge of certain facets of families to the analysis of case studies and to make recommendations for the improvement of family welfare;</li> <li>• develop critical thinking about traditional and contemporary family structures, and demonstrate understanding of gender equality in terms of our changing society, as well as approach and evaluate aspects and relationships within families from a fixed value system;</li> <li>• demonstrate insight into the importance of financial management and planning for individuals and households;</li> <li>• reflect insight in the role and task of a consumer scientist, specifically with regard to the consumer, and be able to apply this;</li> <li>• access and evaluate references in the library and on the Internet, integrate the relevant information in literature assignments and correctly apply literature references; and</li> <li>• function effectively in a group context.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>• A written evaluation is done and a minimum of 40% is required to pass the evaluation.</li> <li>• The module mark is computed from the formative and summative assessment in a ratio of 1:1.</li> <li>• A minimum of 50% is required to pass the module.</li> </ul>	

<b>Module code:</b> VGHB122	<b>Semester 2</b>	<b>NQF-level: 5</b> <b>Credits: 12</b>
<b>Title:</b>	Design study	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• approach and apply design study from a creative and problem-solving perspective when doing various practical assignments;</li> <li>• discuss and apply the elements of design, namely line, form, texture and space in the planning of interior</li> </ul>	

	<p>environments, clothing, and when necessary in the field of meal planning;</p> <ul style="list-style-type: none"> <li>• discuss and apply the principles of design, namely balance, proportion, emphasis, rhythm and harmony in the planning of interior environments, clothing and meal planning;</li> <li>• do an analysis of colour and evaluate the effect of colour on different materials;</li> <li>• interpret and apply the features and principles underlying colour (as design element) in the planning of interior environments and clothing; and</li> <li>• co-operate efficiently in groups</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>• A written evaluation is done and a minimum of 40% is required to pass the evaluation.</li> <li>• The module mark is computed from the formative and summative assessment in a ratio of 1:1.</li> <li>• A minimum of 50% is required to pass the module.</li> </ul>

<b>Module code:</b> VGHB221	<b>Semester 2</b>	<b>NQF-level: 6</b> <b>Credits: 16</b>
<b>Title:</b>	Consumer purchasing practices and Resource management	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• have an understanding of differences in the needs of consumers regarding soft furnishings and appliances;</li> <li>• demonstrate insight in the broad spectrum of soft furnishings, as well as the effect it creates;</li> <li>• use place theory as scientific substrate for explaining differences in the needs of consumers;</li> <li>• demonstrate insight in the factors that influence the consumer's decision-making process and management of resources;</li> <li>• demonstrate the necessary skills to advise the consumer to make effective decisions with regard to the purchasing of household furnishings and appliances; and</li> <li>• co-operate as member of a group on assignments and projects</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>• A written evaluation is done and a minimum of 40% is required to pass the evaluation.</li> <li>• The module mark is computed from the formative and summative assessment in a ratio of 1:1.</li> <li>• A minimum of 50% is required to pass the module.</li> </ul>	

<b>Module code:</b> VGHB311	<b>Semester 1</b>	<b>NQF-level: 7</b> <b>Credits: 24</b>
<b>Title:</b>	Interior design and housing	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate the necessary knowledge and insight in the scope and content of housing and interior design as subject areas,</li> <li>• demonstrate the necessary knowledge and insight in the approaches and theories on which the planning and insight of living areas are based, as well as the needs which are related to having satisfaction and quality of life; and</li> <li>• use various visual presentation techniques to demonstrate the above mentioned areas;</li> <li>• render consumer guidance regarding housing types, housing decision-making, housing right and analyse economical aspects on micro level, and give and motivate a value judgement regarding the applicability and suitability of various living spaces;</li> <li>• act correctly within an ethically framework and from a fixed value system in all communication concerning guidance of clients on housing and interior design;</li> <li>• execute projects in group context and critically interpret, analyse and effectively integrate information from various sources into an applicable and suitable model of living spaces; and</li> <li>• apply problem-solving skills regarding changed housing circumstances in order to optimally satisfy the needs of consumers.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	<ul style="list-style-type: none"> <li>• A written evaluation is done and a minimum of 40% is required to pass the evaluation.</li> <li>• The module mark is computed from the formative and summative assessment in a ratio of 1:1.</li> <li>• A minimum of 50% is required to pass the module.</li> </ul>	

#### G.13.4.3.3 Food

<b>Module code:</b> VVDL112	<b>Semester 1</b>	<b>NQF-level: 5</b> <b>Credits: 12</b>
<b>Title:</b>	Food	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a fundamental knowledge and comprehension of the food industry and the food retail business, as well as an understanding of the role of the consumer scientist and dietician in the industry;</li> <li>• demonstrate a fundamental knowledge and understanding of basic food composition and processing and preservation including additives, food safety and security, and the basic principles of the procedures that are necessary to ensure food safety and security, the effects of faith and food</li> </ul>	

	<p>anthropology on food choices, the essence of national and international influences on cuisine, trends and food styling;</p> <ul style="list-style-type: none"> <li>• apply practical problem-solving skills to food processing, food safety and sanitation by analyzing the essence of relevant food legislation, and communicate it to the consumer;</li> <li>• operate effectively as an individual and in groups and be able to use the library and Internet to access information around a basic comprehension of food anthropology, and faith on food consumption and eating patterns; a variety of national and international cuisine, and its influence on the South African consumers and cuisine, as well as to analyze and demonstrate the development of food processing and food safety systems; and</li> <li>• act professionally according to ethical values with regard to food training and information programmes, and always to bear in mind the best interests of the consumer's cultural and religious convictions</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> VVDL123	<b>Semester 2</b>	<b>NQF-level: 5</b> <b>Credits: 12</b>
<b>Title:</b>	Vegetable food groups and systems	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a fundamental knowledge of vegetable food groups and systems (grains, fruit, vegetables, tubers, pulses, oil seeds, food analogues and drinks), its composition (physical, structural and chemical), and the changes that take place during processing and preparing; as well as fundamental knowledge concerning functional food, and the advantages and labelling thereof;</li> <li>• apply the basic knowledge that was acquired in the introductory food module to vegetable food, and to apply these principles practically in the laboratory; as well as to practically apply knowledge about vegetable food principles practically in recipe and product development that will be learnt in the third year;</li> <li>• operate effectively as an individual and in groups to apply practically the basic scientific properties of plant products (e.g. enzymatic reactions and oxidation) in experimental work and assignments with the aid of sources from the library and the Internet;</li> <li>• evaluate, by way of case studies, practical problems with vegetable and functional food, and to communicate, by way of a report, advice to consumers and employers in the retail, hospitality and private sector; and</li> <li>• evaluate problem situations and ethical issues regarding vegetable food groups and systems and functional food, and to make recommendations to the consumer.</li> </ul>	
<b>Method of delivery:</b>	Full time	

<b>Method of assessment:</b>		
<b>Module code:</b> VVDL213	<b>Semester 1</b>	<b>NQF-level: 6</b> <b>Credits: 16</b>
<b>Title:</b>	Animal food groups and systems	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a sound knowledge of animal food groups and systems (red meat, poultry meat, fish, shellfish, dairy products, gelatine, eggs and food analogues), baked products, its composition (physical, structural and chemical) and the changes that take place during processing and preparation; also have a sound knowledge of convenience food and genetically manipulated (GM) food;</li> <li>• apply the basic knowledge that was acquired about food systems, grains and sugars in the first year to the new principles and food systems in this module; also to know the principles of animal food groups and systems, so that these may be practically applied during the third year in recipe and product development;</li> <li>• Operate effectively as an individual and in groups to apply practically the advanced scientific properties of animal food (e.g. denaturing, coagulation and gelling) in experimental work and assignments with the aid of sources from the library and the Internet.</li> <li>• be able to evaluate the quality of animal and baked products and state what factors may influence quality;</li> <li>• evaluate, by way of case studies, practical problems with animal food principles, baked products, convenience food and GM food and to communicate, by way of a report, advice to consumers and employers in the retail, hospitality and private sector; and</li> <li>• evaluate problem situations and ethical issues regarding animal food groups and systems, convenience food and GM food, and to make recommendations to the consumer.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> VVDL324	<b>Semester 2</b>	<b>NQF-level: 7</b> <b>Credits: 16</b>
<b>Title:</b>	New food product development processes	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• reflect a well-rounded and systematic knowledge of food retail and marketing of food products, and its uniqueness in the food industry;</li> <li>• practically apply factors that lead to success in the retail trade within the retail environment by analyzing the role of food within the retail set-up;</li> <li>• understand the retail trade, product range and depth, the role of shop layout and the role of price structure, food</li> </ul>	

	<ul style="list-style-type: none"> <li>packaging and marketing in the food chain;</li> <li>practically apply problem-solving skills to improve the position of food within the retail environment, to analyze the product development processes and communicate results in writing;</li> <li>reflect a well-rounded and systematic knowledge of: food products in the retail as well as the different new product categories; the utilization of different sources for new product ideas; utilization of the different role players in the new product development process, the integration of the different processes and stages and the different quality control aspects in the new food product development process as well as the recipe to formula translation;</li> <li>explain and evaluate the feasibility of a new food product, integrate the different role players in the new product development process and evaluate the product development processes and the role of sensory evaluation in the food product development process; and</li> <li>act professionally according to ethical values within the production and retail environment in the best interest of the industry and the consumers to be served</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

#### **G.13.4.4 SCHOOL OF PSYCHO-SOCIAL BEHAVIOUR SCIENCES**

##### **G.13.4.4.1 Social Work**

##### **G.13.4.4.1.1 Modules phasing out from 2009**

#### **MWKG121: THE NATURE OF CHILD CENTRED SERVICE DELIVERY**

Pc 1 x 2 hours 1 : 1

The student will be able to: demonstrate a fundamental knowledge of child-centred service delivery in the South African context as prescribed in policy concerning prevention, early intervention, statutory intervention, and the continuum of care and development and; will be able to utilize relevant legislature in finding resolutions for well defined problems (in the form of case studies and scenario's) and report thereon in the prescribed format (written and/or verbally e.g. in the form of a mock trial). Additionally the student should live out the ethical values of the profession with reference to a stable value system

#### **MWKG131: HUMAN BEHAVIOUR IN THE SOCIAL ENVIRONMENT DURING THE MODULE OF LIFE**

Pc 1 x 2 hours 1 : 1

The student will be able: to describe the normal/healthy social development of man during his/her life and to distinguish between the normal/healthy social development of man and the abnormal/unhealthy social development of man.

#### **MWKG142: THE GENERIC FOUNDATIONS OF SOCIAL WORK A**

Pc 1 x 2 hours 1 : 1

The student will be able to apply the foundations of social work as a science and profession and give direction in service rendering. The focus will be on social work as a supporting profession, the history of the profession, social work and social systems, service delivery system and professional values and ethics.

**MWKG143: THE APPLICATION OF THE COVENANT ON HUMAN RIGHTS IN SOCIAL WORK**

Pc 1 x 2 hours 1 : 1

The student will be able to explain the principle "Human Rights", to acknowledge and explain the disregardment of human rights and to apply human rights principles as proclaimed in the Covenant of Human Rights.

**MWKG152: THE GENERIC FOUNDATIONS OF SOCIAL WORK B**

Pc 1 x 2 hours 1 : 1

The student will be able to demonstrate understanding of the central helping process in social work; distinguish between the problem-centred and the empowering approach in rendering help; demonstrate understanding for the strengths-perspective as basis for the empowering approach; distinguish the different phases in the support process and to explain the nature of every phase, so that it may be used as a guideline for supporting client systems; describe the professional relationship as a basis for the supporting process and to explain its various elements; discuss interviewing as one of the instruments in the supporting process and demonstrate the knowledge of its basic techniques; explain the ethical aspects of the relationship w.r.t interviewing.

**MWKG213: SOCIAL WORK SKILLS A**

Pc 1 x 2 hours 1 : 1

The student will be able to demonstrate his/her knowledge and insight into professional integrity, self-knowledge, values and ethics in social work and develop and reflect a sensitivity regarding cultural differences.

**MWKG221: SOCIAL WORK SKILLS B**

Pc 1 x 2 hours 1 : 1

The student will be able to begin and close an interview, apply interviewing skills in practise, understand the functioning of a practise organization, and report on basic social work activities.

**MWKG233: INTERVENTION STRATEGIES IN SOCIAL WORK**

Pc 1 x 2 hours 1 : 1

The student will be able to: apply the eco-systemic perspective meaningfully on man-in-the-situation; plan the implementing of change with client systems; demonstrate knowledge of and insight into the activation of resources, the creation of partnerships, creation and increasing of opportunities; demonstrate effective evaluation concerning progress and termination; function effectively in groups; apply knowledge concerning the eco-systemic perspective in an ethical Christian manner.

**MWKG243: THE CHILD AS CLIENT IN THE SOCIAL WORK SYSTEM**

Pc 1 x 2 hours 1 : 1



The student will be able to differentiate between a child and adult as client, communicate with a child through playing and create a child-friendly environment for the child.

**MWKG251: POVERTY- AND CRIME-CENTRED RENDERING OF SERVICE**

Pc 1 x 2 hours 1 : 1

The student will be able to: describe, discuss and analyze poverty and crime as phenomena in terms of their nature, scope, causes, consequences and manifestations within developing and under-developed societies; identify, analyze and describe a diversity of socio-economic questions like housing shortage, unemployment, work-shyness, illiteracy, begging, gambling, tramping, prostitution, child labour and crime-related aspects in communities; identify, apply and develop services, facilities, programmes and policies initiated by state, church, NGO, business sector and civil society intervention to combating poverty and crime, and apply it by means of rendering social work-service to individuals, families, groups and communities at preventative and early intervention levels and utilize statutory help for this purpose.

**MWKG261: THE NATURE OF SOCIAL GROUP WORK**

Pc 1 x 2 hours 1 : 1

The student will be able: to show insight into the essential role that social group work plays in social work; not only identify the points of departure in social group work, but also demonstrate how these points of departure can be applied in practice; show insight into the formulation of objectives and aims for individuals and groups and formulate them; distinguish between the different phases of the horizontal and vertical approach of the social group work process and implementation thereof; identify the different administrative tasks during assistance rendering and show how it can be applied to the benefit of the group and group members; demonstrate understanding and insight into the requirements and necessity to utilize different aids in social group work; function successfully in a team and even act as leader; act ethically correct from an well established value system.

**MWKG262: THE NATURE OF COMMUNITY WORK AND COMMUNITY DEVELOPMENT**

Pc 1 x 2 hours 1 : 1

The student will be able to: motivate why community work and community development services are important for South Africa; explain the nature and components of community work and community development; describe the community work/development process; and formulate basic community work/development programmes and projects.

**MWKG312: INTEGRATED PRACTICE INTERVENTION A**

Pc 1 x 2 hours 1 : 1

The student will be able to: begin and close a therapeutic interview; deal with the different phases of an interview; use a diversity of interviewing techniques; and identify and handle transfer, counter transfer and resistance during an interview

**MWKG321: INTEGRATED PRACTICE INTERVENTION B**

Pc 1 x 2 hours 1 : 1

The student will be able to: understand the functioning of a practice organization; function within the context of a practice organization and; render basic social services at a non-therapeutic level.

**MWKG322: THE APPLICATION OF SOCIAL GROUP WORK**

Pc 1 x 2 hours 1 : 1

The student will be able to: (1) apply different theories and models of social group work, (2) demonstrate expertise in group service rendering; (3) conduct and execute the planning of a group project according to the planning process, taking certain typical behavioural patterns into account; (4) evaluate a group project; (5) conduct practice in a social work group and generate a written report thereon; (6) reason from an established value system.

**MWKG332: FAMILY-CENTRED INTERVENTIONS: PREVENTION AND EMPOWERMENT**

Pc 1 x 2 hours 1 : 1

The student will be able to: explain the functions of the family within the South African context; analyze the family on micro and macro level; explain the family in all its forms, including roles and the life cycle; present existing marriage preparation and enrichment programmes and develop new programmes for this purpose; present existing parenthood skills programmes and develop new programmes for this purpose; present existing family enrichment and empowerment programmes and develop new programmes for this purpose.

**MWKG342: THE APPLICATION OF COMMUNITY WORK AND COMMUNITY DEVELOPMENT**

Pc 1 x 2 hours 1 : 1

The student will be able to: understand and explain the nature and contents of practice models for community work; distinguish between social community development, social planning, community education, social marketing and social action; select and use the techniques and aids necessary for the application of each of the models; plan a relevant programme and project for a given situation in practice; and apply the programme/projects practically.

**MWKG362: CHEMICAL DEPENDENCE-CENTRED INTERVENTION**

Pc 1 x 2 hours 1 : 1

The student will be able to describe chemical dependence as a universal problem within the South African context; distinguish between use and abuse of substances; identify psycho-social consequences of chemical dependence; render professional services in terms of prevention, early intervention, treatment and rehabilitation; render services to the next of kin of chemical-dependants; and identify, develop and utilize services and facilities in the community in support of chemical-dependants and their next of kin.

**MWKG363: YOUTH-CENTRED INTERVENTIONS**

Pc 1 x 2 hours 1 : 1

The student will be able to: train adolescents in the development of life skills; render therapeutic intervention regarding the study of problems occurring in adolescence; develop capacity building programmes regarding adolescents.

**MWKG411: FORENSIC SOCIAL WORK**

Pc 1 x 2 hours 1 : 1

The student will be able to: explain the relationship between forensic and statutory social work; conduct an investigation and assessment of an individual and by virtue thereof, prepare a report for the court; give expert witness to the court and express a professional opinion; make

recommendations to the courts by virtue of the Criminal Procedure Act, Act 51 of 1977 (as amended), Children's Act, Act 74 of 1983, Act 20 of 1992 and Divorce Act, Act 24 of 1987.

**MWKG431: PRACTICE RESEARCH IN SOCIAL WORK**

Pc 1 x 2 hours 1 : 1

The student will be able to: understand the context and practice of social work research; understand the research process, including the preliminary inquiry, drawing of a sample, the presentation of data, the research design and procedures, and understand the research report and execute procedures of the social work researcher.

**MWKG433: PRACTICE MANAGEMENT IN SOCIAL WORK**

Pc 1 x 2 hours 1 : 1

The student will be able to: define practice management; describe the responsibilities of the practice manager; illustrate and apply the skills a practice manager should reflect; discuss the context in which practice management is applied and; define and describe the nature of the multi-professional team; as well as the supervision as an essential process in social work.

**MWKG434: FAMILY-CENTRED INTERVENTIONS: THERAPY AND COUNSELLING**

Pc 1 x 2 hours 1 : 1

The student will be able to: describe a broad framework of the diversity in which services are rendered; explain the therapeutic process in marriage and family therapy; discuss ethical questions and dilemmas that may occur within a therapeutic relationship; indicate how the life cycle has an influence on the different stages of the marriage; identify and discuss communication problems and conflict as obstacles within the marriage and, also explain the different forms of effective communication and apply divorce counseling, remarriage counseling and mediation.

**MWKG435: DIVERSITY IN PROFESSIONAL PRACTICE**

Pc 1 x 2 hours 1:1

The student will be able to: act with self-knowledge and openness within a diverse client system: apply theoretical knowledge concerning diversity in practice; indicate and combat critical community questions like discrimination and the continuation thereof: apply ethical principles and act with dignity to the total client system.

**MWKG441: SOCIAL WELFARE POLICY**

Pc 1 x 2 hours 1 : 1

The student will be able to: distinguish between the different components of the macro social welfare policy and structure; utilize and influence it in the social work practice to the benefit of man and society; demonstrate knowledge of and insight into the nature and contexts of the former and present South African welfare system; analyze and evaluate the welfare policy; participate as a citizen of the country and as a professional person in the local and national community especially regarding welfare affairs; obtain, command, apply, analyze, integrate and evaluate according to principles knowledge independently; communicate knowledge on the welfare policy scientifically as well as be able to read, write, speak and argue about it; state and justify a personal paradigm on the welfare policy in South Africa with reference to the Christian and other life views; work together in a group and play a leading role; suggest problem-solving in a critical and creative manner.

**MWKG442: CHILD-CENTRED INTERVENTION**

Pc 1 x 2 hours 1 : 1

The student will be able to: build a relationship with a child as client at an advanced level and apply therapeutic skills at an advanced level.

**MWKG444: HEALTH AND RELATED RENDERING OF SERVICE**

Pc 1 x 2 hours 1 : 1

The student will be able to: demarcate the different working fields of healthcare and related service rendering; apply the social work process to fields of medical social work (like HIV/AIDS, abortion counseling and terminal/mourning counseling); and explain the application of psychiatric social work and the social work in the field of care for the disabled and the handling of persons with psychic obstructions.

**MWKG446: APPROACHES, PERSPECTIVES AND THEORIES IN SOCIAL WORK**

Pc 1 x 2 hours 1 : 1

The student will be able to: explain and defend the knowledge base of social work practice; distinguish between the different approaches of and for social work and assess the value of each one; and motivate how each one of the approaches can be utilized in social work.

**MWKG461: APPLIED SOCIAL WORK RESEARCH**

PC N/a 100%

The student will be able to: understand the requirements of a research assignment; understand the contents and importance of a chapter one; understand the contents of a research assignment; understand the nature of study guidance and utilize it optimally; relate and integrate the applicable literature with empirical data; and give the results of the investigation in writing.

**MWKG462: PROFESSIONAL FINISHING**

Pc 1 x 2 hours 1 : 1

The student will be able to: comply with the requirements of the SACSS; show professional-ethical judgment; build networks and work together within a team; understand the vision, mission and activities of a professional association, as well as the role of trade unions and professional insurance; handle a job and employment application (including the composition of a curriculum vitae); identify your personal needs for inclusion in a new community and working milieu; utilize supervision meaningfully; function with the necessary professionalism within a new working milieu; and prove the quality of your professional equipment during an interview.

**MWKG471: MINI-INTERNSHIP**

Pc Nvt 100%

The student will be able to: understand and comply with the general practice requirements set by the University and the practice organizations; know, understand and utilize the practice organization where the mini-internship is done and the community context in which it functions; render the required social group work services to the individual; render the required community work and community development services; apply the required practice management skills; compose a research proposal; master communication skills; show insight into the resources regarding social security; show insight into the statutory policy and tasks as

well as relevant forms that should be completed; and show insight into the requirements regarding personal development

**G.13.4.4.1.2 New aligned modules – phasing in from 2010**

Module code: BSWG111	Semester 1	NQF-level: 5a(5) Credits: 12
<b>Title:</b>	Introduction to Social Work as profession	
<b>Module outcomes:</b>	After completion of the module, the student should be able to demonstrate: <ul style="list-style-type: none"> <li>• knowledge and understanding of social work as a profession</li> <li>• knowledge and understanding of the relationship between social work and social welfare</li> <li>• knowledge and understanding of the relationship between social work and other related disciplines social work methods of intervention and social services systems.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	PC 1 x 2 hours 1:1	

Module code: BSWG112	Semester 1	NQF-level: 5a(5) Credits: 12
<b>Title:</b>	Human behaviour in the social environment accross the life span	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate knowledge and understanding of the normal/healthy social development of human beings over the course of their lives;</li> <li>• demonstrate knowledge and understanding of the difference between normal/healthy social development and abnormal/unhealthy social development; and</li> <li>• demonstrate knowledge and understanding of the social conditions that contribute to and influence human functioning.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	PC 1 x 2 hours 1:1	

<b>Module code:</b> BSWG113	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Introduction to professional behaviour	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate his/her knowledge and understanding of the essential facilitative qualities and characteristics of professionalism in social work</li> <li>• demonstrate proficiency in the application of the basic interpersonal skills in interviewing.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	PC 1 x 2 hours 1:1	

<b>Module code:</b> BSWG121	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Life skills and counselling	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate an understanding of life skills education as a primary, secondary and tertiary preventative measure</li> <li>• show expertise in the design and implementation of life skills programmes.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	PC 1 x 2 hours 1:1	

<b>Module code:</b> BSWG122	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Understanding social development	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate an understanding and knowledge of social development as an approach in social work</li> <li>• describe how social development emerged in social work</li> <li>• explain the relevance of social development in social work</li> <li>• explain the nature of developmental social services in South Africa.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	PC 1 x 2 hours 1:1	

<b>Module code:</b> <b>BSWG211</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 12</b>
<b>Title:</b>	Case work as a method: theory and practice	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate knowledge and understanding of the nature of case work as a method of social work.</li> <li>• demonstrate knowledge and understanding of individual and family intervention processes.</li> <li>• demonstrate the knowledge and understanding of interviewing as well as the ability to prepare for an interview.</li> <li>• demonstrate the ability to apply values, ethical principles and legal obligations of a social caseworker.</li> <li>• demonstrate the ability to evaluate professional behaviour according to the code of ethics for South African social workers.</li> <li>• demonstrate the ability to make ethical decisions and motivate his/her choices.</li> <li>• demonstrate the ability to write social casework reports..</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>BSWG212</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Child care Legislation and associated Social Work interventions	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• distinguish between preventive child-centred services, early intervention strategies, statutory service delivery and a continuum of social work services delivered to children in South Africa;</li> <li>• identify services and operational strategies for children and juveniles in the community, analyse and describe them and use them in practice in the interest of children and juveniles; and</li> <li>• demonstrate knowledge and understanding of how to protect children within specific legislation, ethical conduct and according to specific values and norms, and to plan service delivery focused specifically on their needs.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> BSWG213	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Introduction to Social policy, Social Welfare policy and Social Work policy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate an understanding of the key elements, functions, principles and development of social welfare policy and the role of the social worker</li> <li>• demonstrate an understanding of the South African welfare system</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> BSWG221	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Social group work as a method: theory and practice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate insight into the role of social group work as one of the methods of social work;</li> <li>• understand a group as a holistic system;</li> <li>• identify the values and principles of social group work and demonstrate how these values and principles could be applied in practice;</li> <li>• evaluate the different types of groups in social work;</li> <li>• identify the different tasks in the planning a group in social work</li> <li>• differentiate between the phases of the social group work process and the role that a social worker plays in each (horizontal and vertical approach);</li> <li>• implement these phases in service delivery to a group;</li> <li>• write a proposal to convince an agency of the need to conduct a social group work group.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> BSWG222	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Community work as a method: theory and practice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• <i>demonstrate</i> his/her knowledge of the nature, context and conceptual framework of community work and community development;</li> <li>• <i>formulate</i> a personal service delivery credo for him/herself — based on the ethical principles of social work;</li> <li>• <i>apply</i> specific community work related skills — including working together in groups, analysing practice situations</li> </ul>	



	critically, formulating ideas in writing and doing public presentations; and <ul style="list-style-type: none"> <li>• <i>evaluate</i> previous applications of the community education models of community work, and formulate guidelines for its improved application based on these previous applications and on his/her newly acquired knowledge and insight.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> BSWG223	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Basic principles of Social Work management	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate sound knowledge of management processes</li> <li>• effectively select and apply management strategies</li> <li>• apply management roles/functions</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> BSWG224	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Human Rights and Social Justice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• explain the concept human rights;</li> <li>• discuss the concepts social justice and social injustice;</li> <li>• explain how the objectives of social work fit into the framework of social justice;</li> <li>• identify the articles applicable to social work from the United Nations' appropriate documents;</li> <li>• apply the human rights concept, as contained in the Bill of Rights and described in the Constitution of the Republic of South Africa, in social work practice; and</li> <li>• explain the mission and functions of the Human Rights Commission.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> BSWG311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Approaches, theories and models in Social Work	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• explain how the knowledge base of social work has been compiled.</li> <li>• demonstrate a solid understanding of the knowledge base of the different approaches and models in social work</li> <li>• distinguish between the different kinds of theories, models, approaches and frameworks.</li> <li>• describe the theoretical foundations and nature of particular approaches and models.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> BSWG312	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 12</b>
<b>Title:</b>	Advanced case work: theory and practice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• deal with resistance from clients</li> <li>• make an eco-systemic assessment of the client and his environment</li> <li>• apply relevant techniques with individuals and their environments</li> <li>• apply evaluation and assessment tools in micro-practice/clinical social work</li> <li>• use of models and approaches in his/her interventions</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> BSWG313	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 12</b>
<b>Title:</b>	Advanced community work: theory and practice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• <i>demonstrate</i> his/her knowledge and insight of the nature and especially the application of community work and community development;</li> <li>• <i>apply</i> specific community work related skills — including co-operating in groups, analysing practice situations critically, formulating planned community work intervention in writing and making public presentations; and</li> <li>• <i>apply</i> one or more of the five community work models in the form of a practice simulation and infield practice</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>BSWG321</b>	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 12</b>
<b>Title:</b>	Advanced social group work: theory and practice	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate his/her competency in distinguishing, evaluating and applying the various models, theories and approaches in social group work;</li> <li>• plan and implement appropriate social group work intervention strategies;</li> <li>• distinguish and apply the basic leadership roles and skills of the social worker in a group;</li> <li>• demonstrate the ability to set norms and to understand and deal with different modes of behaviour among group members;</li> <li>• demonstrate how diversity issues in social group work will be dealt with;</li> <li>• substantiate the necessity of evaluation and measuring in social group work and compile his/her own evaluation framework;</li> <li>• evaluate a group work project; and</li> <li>• present a group work project consisting of six sessions</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>BSWG322</b>	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Social work with families and children: concepts and skills for effective practice	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• identify appropriate skills and techniques in marriage guidance and counselling;</li> <li>• apply a coherent and critical understanding of marital problems;</li> <li>• formulate and motivate an in-depth and systematic knowledge base in dealing with children;</li> <li>• explain the requirements that a social worker should meet when working with children;</li> <li>• select appropriate skills and techniques in dealing with children; and</li> <li>• act with sensitivity and empathy towards clients.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>BSWG323</b>	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 12</b>
<b>Title:</b>	Advanced Social policy, Social Welfare policy and Social Work policy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>critically evaluate welfare service provision in South Africa;</li> <li>critically evaluate social security provision in South Africa; and</li> <li>critically evaluate the current status and position of the social work profession within the South African welfare context</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>BSWG411</b>	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Crime and forensic social work (PC & VTC)	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>understand and explain the social worker's place in the law and in the court;</li> <li>discuss the advantages of specialist training in social work;</li> <li>discuss the different courts in South Africa and explain the whole court system and court procedures;</li> <li>explain and describe the whole course of the criminal procedure.</li> <li>discuss and explain the law of evidence and the requirements of an expert in court;</li> <li>know and apply the sections in the Criminal Procedure Act, Act 51 of 1977 that are of importance to the social worker;</li> <li>explain the different theories of punishment and the different forms of sentencing;</li> <li>place divorce in South Africa in perspective, together with concomitant legislation; and</li> <li>write the different reports to court. (Pre-sentence, Custody)</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>BSWG413</b>	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Social Work in host settings (PC & VTC)	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>discuss the social psychology of health, illness and disability;</li> <li>explain emotional reactions to a disabling condition or disorder;</li> </ul>	

	<ul style="list-style-type: none"> <li>• understand the attitudes, values and ethics for health care professionals;</li> <li>• discuss the psychosocial issues in selected health conditions, illnesses and disabilities; and</li> <li>• discuss the different psychosocial interventions..</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> BSWG414	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Social work services re specific client systems (PC & VTC)	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• identify the characteristics and problems of the aged;</li> <li>• interpret the social policy and legislation regarding the aged;</li> <li>• identify the available resources, facilities, services, programmes and projects regarding the aged;</li> <li>• understand the phenomenon of HIV and AIDS;</li> <li>• describe the theories on HIV and AIDS;</li> <li>• interpret the social policy and legislation regarding HIV and AIDS;</li> <li>• identify the available resources, facilities, services, programmes and projects regarding HIV and AIDS;</li> <li>• outline poverty as a universal phenomenon and analyse the theories underlying this problem phenomenon;</li> <li>• identify and analyse the causes and consequences of poverty;</li> <li>• interpret the social policy and legislation on poverty;</li> <li>• identify the available resources, facilities, services, programmes and projects regarding poverty;</li> <li>• identify the different forms of disability;</li> <li>• interpret the social policy and legislation regarding disabilities; and</li> <li>• identify the available resources, facilities, services, programmes and projects regarding disabilities.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> BSWG415	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 12</b>
<b>Title:</b>	Family and child therapy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• understand the concept 'family' and from his/her own personal and professional values and ethical standards;</li> <li>• discuss the complexity of family functioning;</li> <li>• explore who the family is and assess a family within the</li> </ul>	

	<p>entire family system;</p> <ul style="list-style-type: none"> <li>analysing the family system's functioning and identifying the family's strengths and areas in which change must take place;</li> <li>plan and select evidence-based family intervention possibilities;</li> <li>link assessment and intervention;</li> <li>evaluate the theoretical perspectives of dealing with children and explain their applicability;</li> <li>explain the basis of play therapy as put forward by the Gestalt and Rational Emotive Therapies (RET);</li> <li>indicate how a therapeutic relationship with a child can be created, based on certain objectives;</li> <li>explain the various techniques/aids of each play form and evaluate each technique regarding its usefulness;</li> <li>explain the development and the purpose of fantasy in children;</li> <li>describe how the social worker can improve communication with children;</li> <li>explain how loss and trauma can affect children's behaviour, and suggest solutions;</li> <li>describe and apply play techniques in assessing the sexual abuse of children;</li> <li>explain and facilitate the reasons why children do not disclose that they are being or had been abused;</li> <li>describe and overcome the problems a social worker might encounter when working with children.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> BSWG416	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Social work interventions with regard to substance abuse and dependency	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>understand various programmes and strategies being implemented by both private and public entities in the fight against substance abuse and dependency;</li> <li>demonstrate expertise regarding different victims of substance abuse, such as alcoholics and persons addicted to other dependency-forming substances, as well as juvenile and adult victims, such as women, teenagers and aged dependants in the proposed service delivery;</li> <li>plan and deliver a variety of professional services to prevent dependency;</li> <li>implement earlier interventions and other forms of treatment regarding the victims of substance abuse and their next of kin;</li> <li>identify, explore and develop existing services as well as facilities in the community in a professional way in the</li> </ul>	

	<ul style="list-style-type: none"> <li>interest of victims of substance abuse and their next of kin;</li> <li>act correctly during service delivery according to the values and principles of the profession and the code of ethics for social workers;</li> <li>continuously follow a client-orientated approach in all social work action regarding substance abuse;</li> <li>master interpersonal skills that are required for the provision of services within a multi-disciplinary group; and</li> <li>communicate knowledge in a scientific way, besides the mastering and application of knowledge on substance abuse.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code: BSWG417</b>	<b>Semester 1</b>	<b>NQF-level: 7(8) Credits: 8</b>
<b>Title:</b>	Diversity in Social Work	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>explain and motivate the theoretical framework from which multi-cultural social work is undertaken;</li> <li>explain and provide motivation for constructs in regard to culture and cultural competence;</li> <li>act with sensitivity and empathy towards different clients and handle each with self-knowledge and openness;</li> <li>identify personal preferences and prevent the enforcement of own values and norms;</li> <li>fight against critical factors such as discrimination and apply ethical principles in practice;</li> <li>apply theoretical concepts regarding diversity in the social work practice;</li> <li>utilise culturally defined behaviour patterns in a community in order to provide successful services;</li> <li>question critical social issues and the preservation thereof and point out possible negative effects and probable solutions;</li> <li>propose and apply strategies to discontinue unfair practices;</li> <li>effectively implement the elements of knowledge and skill of a social worker in a multi-cultural environment,</li> <li>set realistic aims regarding a diverse client system and supply the best possible service within diverse communities; and</li> <li>act with dignity for and towards all prospective clients</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>BSWG418</b>	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Practice management in Social Work	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• describe, interpret and implement the process underlying case management;</li> <li>• understand the organizational context;</li> <li>• effectively manage their own work and caseloads in a professionally accountable way; and</li> <li>• critically evaluate the role of supervision in social work practice</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

<b>Module code:</b> <b>BSWG471</b>	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 48</b>
<b>Title:</b>	Internship (advanced practice intervention) (PC & VTC)	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• understand and comply with the practical training requirements of the university and practical training organisations;</li> <li>• understand and make use of the practical training organisation where he/she will be doing the mini-internship, as well as the community context within which it functions;</li> <li>• demonstrate professional-ethical judgement;</li> <li>• deliver to individuals the social work services that they need;</li> <li>• deliver the social work group-work services that are required;</li> <li>• deliver the community service and community development services that are required;</li> <li>• apply the required practical management skills;</li> <li>• compile a research proposal;</li> <li>• demonstrate communication skills;</li> <li>• demonstrate insight into the resources with regard to social security; and</li> <li>• demonstrate insight into statutory policy and tasks as well as applicable forms that need to be completed.</li> <li>• meet the requirements of the SACSSP;</li> <li>• display professional-ethical judgement;</li> <li>• establish networks and cooperate in team context;</li> <li>• understand the vision, mission and business of a professional society, as well as the role of trade unions and professional insurance;</li> <li>• handle applications for vacancies (including the writing of a curriculum vitae) and the employment process;</li> <li>• identify his/her own needs with regard to being integrated into a new community and job milieu;</li> <li>• utilise supervision meaningfully;</li> </ul>	



	<ul style="list-style-type: none"> <li>function in a new job milieu with the necessary professionalism;</li> <li>demonstrate a coherent and critical understanding of social problems and different fields of practice;</li> <li>deal with concrete and abstract problems and issues using evidence-based solutions and theory-driven arguments;</li> <li>demonstrate a rounded knowledge of contemporary social issues and selected fields of practice;</li> <li>present and communicate information on own ideas and opinions in well-structured arguments, showing an awareness of audience and using academic and professional discourse appropriately; and</li> <li>prove the quality of his/her professional equipment during an oral exam.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	

<b>Module code:</b> BSWG472	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 24</b>
<b>Title:</b>	Social work research: theory and practice	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>practice of social work research;</li> <li>comprehend the research process, including the pilot study, sampling, the research design, models and procedures;</li> <li>carry out the working method of the social work researcher.</li> <li>discuss the requirements and content of a research proposal;</li> <li>understand the requirements and content of a research report;</li> <li>distinguish between the different types of research reports;</li> <li>understand the nature of study guidance and study utilisation and optimally utilise it;</li> <li>bring applicable literature into context with empirical data and integrate it;</li> <li>understand basic statistics and graphic representation of data;</li> <li>explain the different aspects of measurement; and</li> <li>reproduce in writing the results of the research in a research report</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>		

G.13.4.4.2 Psychology

Module code: PSYC111	Semester 1	NQF-level: 5a(5) Credits: 12
<b>Title:</b>	Introduction to Psychology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a fundamental knowledge base of basic human functioning including biological cognitive, emotional and motivational processes, as well as their relatedness, human and personality development manifesting itself in abnormal behaviour and optimal human development</li> <li>• demonstrate an understanding of the basic aspects of human functioning in the self and other people in well defined situations in the learning context</li> <li>• demonstrate a greater awareness and sensitivity for basic human functioning in self and others in a multi-cultural context by means of a reflective diary, as well as by applying relevant literature in an integrated manner in an individual, written assignment and an oral poster presentation.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours; 1 : 1	

Module code: PSYC121	Semester 2	NQF-level: 5a(5) Credits: 12
<b>Title:</b>	Social and Community Psychology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a fundamental knowledge of and insight into the perspectives and theories on which social and community psychology is based and also to apply the concepts and terminology in well-defined problems or case studies such as poverty, constant change, human rights, power abuse, corruption, racism, xenophobia, etc within a multi-cultural context and an understanding of the inter-relatedness;</li> <li>• demonstrate information gathering and processing skills for writing assignments within the context of the social and community psychology, individually or in groups;</li> <li>• analyze and evaluate, in individual and group tasks, case studies, examples or problem situations and solutions, to convey this in the form of a report or assignment, verbally or written, within the prescribed conventions and formats;</li> <li>• demonstrate a clear attitude and ethical system in all forms of communication and interaction with people.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours; 1 : 1	

<b>Module code:</b> <b>PSYC211</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Developmental Psychology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• develop a sound knowledge base of the physical, cognitive, social, moral and personality development of human beings in every stage of the life cycle</li> <li>• demonstrate a sound understanding of views on human nature, concepts, theories and key terminologies used in Developmental Psychology in order to communicate information reliably, coherently and ethically in assessment tasks;</li> <li>• demonstrate the ability to critically evaluate, analyze and synthesize information of human development in order to solve simulated problems, individually and in groups</li> <li>• develop a sound understanding of academic discourses concerning the impact which diverse contexts such as poverty, malnutrition, over-population, geographic circumstances, discrimination and inadequate social and physical stimulation has on human development.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours; 1 : 1	

<b>Module code:</b> <b>PSYC212</b>	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Personality Psychology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a grounded knowledge of: <ul style="list-style-type: none"> <li>◦ different meta-theoretical world and life views relevant to human functioning</li> <li>◦ schools of thought on personality for example psychodynamic, humanistic and eco-systemic;</li> </ul> </li> <li>• explain, reason, substantiate with applicable literature and communicate, verbally and in written form, the content and application possibilities of personality theories and personality psychology integrating the basis of scientific method and ethical principles;</li> <li>• analyze well-defined and emerging true life problems, situations and case studies by using the most applicable procedures and techniques used in personality psychology, to explain behaviour using personality theories, to compare and to reason possible solutions and to communicate this in a coherent/ logical and reliable report.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours; 1 : 1	

<b>Module code:</b> <b>PSYC221</b>	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Positive Psychology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate a solid knowledge base of <ul style="list-style-type: none"> <li>a) the shift from the traditional pathogenic paradigm to a salutogenic perspective of human functioning and from there to a balanced perspective on mental health from pathology to flourishing and its implications for public health care</li> <li>b) Positive Psychology/Psychofortology as a movement within the field of Psychology,</li> <li>c) a sound understanding of the important concepts, rules, principles and theories related to psychological health in order to apply it to the identification and facilitation of personal and others' functioning within a multicultural context;</li> </ul> </li> <li>• demonstrate the ability to solve well-defined but unfamiliar problems related to psychological and psycho-social health, using appropriate procedures and sound evidence drawn from a critical analysis of different theories within Positive Psychology/Psychofortology, and communicate the information reliably and coherently, both orally and in writing, giving proof of effective and critical reasoning/;</li> <li>• apply your knowledge and insight in Positive Psychology/Psychofortology in a moral-ethical and culture sensitive way on both individual and social levels with sensitivity to inter alia collectivist and individualist value systems.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours; 1 : 1	

<b>Module code:</b> <b>PSYC311</b>	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Psychopathology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• demonstrate ,in the context of a bio-psycho-social model <ul style="list-style-type: none"> <li>o a rounded and systematic knowledge of psychological disturbances in a multi-cultural context; and</li> <li>o show a coherent and critical understanding of the relevant concepts and terminologies, theories and processes and techniques of the psychopathology in a professional context so that you can apply this in undefined and more complex problem situations in case studies;</li> <li>o an understanding of pathology and interventions in the context of primary, secondary and tertiary health care;</li> </ul> </li> <li>• demonstrate the skills of information gathering and processing in order to complete written assignments;</li> </ul>	

	<ul style="list-style-type: none"> <li>analyze case studies individually or in groups and to give your own integrated opinion based on theoretical grounds and to communicate this information in the form of a report according to prescribed conventions of the discipline;</li> <li>demonstrate a clear value system and code of ethical conduct in all forms of communication and interaction.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 3 hours; 1 : 1

<b>Module code:</b> PSYC312	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Psychometrics and research	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>explain the nature and process of psychological evaluation as embedded in the various perspectives on reality and human functioning;</li> <li>know the basic characteristics and technical requirements of psychological tests, as well as be able to describe and evaluate (orally or in writing) how tests and test norms are developed;</li> <li>evaluate the usability of psychological tests by means of their psychometric characteristics, taking into account ethical facets;</li> <li>explain the controlling and use of assessment measures within diverse populations using appropriate standards and norms;</li> <li>demonstrate a coherent and informed understanding of the research process as it applies to both quantitative and qualitative research against the backdrop of perspectives on reality;</li> <li>independently obtain and synthesize information from both virtual and other credible sources for the completion of tasks such as assignments and projects;</li> <li>critically analyze and evaluate research articles and formulate an independent opinion based on substantive theories and write a report based on the APA conventions.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours; 1 : 1	

<b>Module code:</b> PSYC321	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Basic Counseling and ethical conduct	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>demonstrate a grounded knowledge of a general model, the therapeutic process, typical counseling techniques, a few selected application fields (e.g. AIDS and post traumatic counseling) and the ethical code of counseling and a coherent and critical understanding of the relevant</li> </ul>	

	<p>concepts, principles and theories of the field so that you can apply this in undefined complex problem situations and ethical dilemmas in case studies;</p> <ul style="list-style-type: none"> <li>analyze case studies or examples (individually or in groups) and form an own opinion based on theoretical grounds and to communicate this in a report according to prescribed conventions of the discipline;</li> <li>demonstrate a clear value and ethical system in all forms of communication and interaction with an awareness of human rights issues.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 3 hours; 1 : 1

<b>Module code:</b> PSYC322	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Applied Psychology	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>demonstrate a well-rounded and systematic knowledge base of human functioning on all levels of development in a multi-cultural context and facilitate it on an integrated level in practice or simulated situations;</li> <li>demonstrate a critical understanding of perspectives on human functioning from a coherent own world view;</li> <li>demonstrate effective selection and application procedures for gathering qualitative and quantitative information and to integrate it to illustrate your ability to deal with unfamiliar, concrete and/or abstract problems using evidence based solutions and theory-driven arguments;</li> <li>demonstrate a well-established value system and ethical conduct in all communication and interaction;</li> <li>demonstrate the ability to use the prescribed format applicable to Psychology in all forms of communication.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours; 1 : 1	

**G.13.4.5 SCHOOL OF NURSING SCIENCE****G.13.4.5.1 Anatomy**

<b>Module code:</b> <b>ANAB111</b>	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 16</b>
<b>Title:</b>	Movement Anatomy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"><li>describe as well as present diagrammatically the regional anatomy of the thorax, abdomen, pelvis, back, upper and lower limbs, head and neck regarding the osteology, joints, muscles, supply and draining of blood, nerve innervating and lymph draining.</li><li>discuss clinical application and case studies regarding the effect of any given condition on the relevant anatomic structures so that health may be promoted, maintained and restored.</li></ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> <b>ANAS122</b>	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Systemic Anatomy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"><li>discuss the macro-anatomy of the cardiopulmonary system, gastrointestinal system, urogenital system and central nervous system according to case studies to demonstrate knowledge and understanding of the fundamental role of systemic anatomy in the Health Sciences so that health can be promoted, maintained and restored.</li></ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

**G.13.4.5.2 Physiology**

Module outcomes for FLPX112, FLPX122 en FLPX221 are reflected under G.13.4.3.1.

**G.13.4.5.3 Fundamental Nursing Science**

<b>Module code:</b> VPFB121	<b>Semester 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 16</b>
<b>Title:</b>	Basic Needs and Professional skills	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• promote, maintain and restore health by providing the basic needs of patients within the community and in hospitals and apply principles of professional practice like legal, ethical and philosophical principles in the nursing practice.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VPFI111	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 16</b>
<b>Title:</b>	Introduction to Fundamental Nursing Science	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• After completion of the module the student should be able: to identify facilitating and impeding factors for wholeness in humans as whole persons in all age groups and cultures; to apply the scientific method of nursing and apply technology and intra- and interpersonal skills effectively to provide the basic needs of patients within a legal, ethical and philosophical framework.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VPFP171	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 12</b>
<b>Title:</b>	Fundamental Nursing Science Practice	
<b>Module outcomes:</b>	After exposure to the learning experience that was planned for Fundamental Nursing Practice, the student should be able to: <ul style="list-style-type: none"> <li>• deliver high quality culturally sensitive nursing. The student will thus be able to promote, maintain and restore the health of the patient in the hospital/community as well as to assess the patient with reference to his/her basic needs, to plan and implement nursing and evaluate its affectivity within a legal, ethical and philosophical framework.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Practica 1 : 1	



**G.13.4.5.4 Community Nursing Science**

<b>Module code:</b> VPGI111	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 8</b>
<b>Title:</b>	Introduction to Community Nursing Science	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>clear out the concepts of community nursing within the national and international development of extensive community health with specific reference to the South African context of diversity to render service as a member of a team according to the Batho Pele principles to the individual, family and groups within the community for promoting, maintaining and restoring health.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> VPGO221	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Extensive Primary Healthcare	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>function within a cultural and ethical framework as a full member of the multidisciplinary team in the rendering of extensive primary health services during the complete life cycle of individuals, families, groups and communities within a legal, ethical and philosophical framework. This skill implies planning and management of a extensive primary health organization service; identification of health determinants that indicate facilitating and impeding possibilities; and participation of health programme evaluation according to set indicators and criteria to ensure quality care in promoting, maintaining and restoring health of individuals, groups and community.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	PC 1 x 2 hours 1 : 1	

<b>Module code:</b> VPGP171	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 8</b>
<b>Title:</b>	Community Nursing Science Practice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>apply the principles of the scientific nursing process within a multidisciplinary team, to facilitate health information effectively and distinguish between the different services required to render a extensive service that is culturally congruent and reflects the Batho Pele principles within a legal, ethical and philosophical framework. This knowledge is acquired within the dynamics of changes in the community as result of various influences on health like</li> </ul>	

	ethical questions, cultural differences, economic influences and political processes.
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc Practica 1 : 1

<b>Module code:</b> VPGP271	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 12</b>
<b>Title:</b>	Community Nursing Science Practice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>function within a extensive primary health care service in which all the components of such a service are addressed according to the national policy. There will be opportunity for participation in community assessment to promote health through a community development project</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc Practica 1 : 1	

<b>Module code:</b> VPGR111	<b>Semester 1</b>	<b>NQF-level: 5a(5)</b> <b>Credits: 8</b>
<b>Title:</b>	Community Nursing Science processess	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>assess facilitating and impeding factors involved in individuals, families, groups and communities in a scientific manner and plan interventions by using various processes in community nursing to promote, maintain and restore health at community level intersectorally within a legal, ethical and philosophical framework.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> VPGR211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Introduction to Primary Healthcare	
<b>Module outcomes:</b>	After completion of the module, the student should be: <ul style="list-style-type: none"> <li>conscious of and involved in the rendering of health services with the focus on the primary health care approach of all residents of rural as well as urban areas, including promoting, maintaining and restoring of health at individual, group and community level and of community development by effective participation.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> VPGS311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Rural and Urban Community Health	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• identify the environmental, economic, cultural, ethical, political and other influences that have a facilitating as well as impeding effect on health and welfare of people of all age groups in rural as well as urban areas</li> <li>• implement ethical decision making within the cultural diversity of South Africa, to identify environmental influences on health and welfare and to promote, maintain and restore health by prevention and control of infectious, transmittable and serious endemic diseases in South Africa.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> VPGW211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Health Promotion for Nursing Science	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to understand the following:</p> <ul style="list-style-type: none"> <li>• conceptual framework and theoretical models within health promotion;</li> <li>• international and national events on health promotion;</li> <li>• health risks and protection factors at individual, group and community level;</li> <li>• collaboration strategies, mechanisms and mediation within a multidisciplinary team and with other role-players in the community with reference to promotion of health;</li> <li>• availability of health and related services that can be used as resources;</li> <li>• policy stated at national level with reference to health promotion;</li> <li>• scientific approach applied to facilitate health promotion after the community profile was set up;</li> <li>• the role of community participation and community involvement within health promotion;</li> <li>• development of community projects; behaviour change and health information;</li> <li>• effective communication within the cultural spectrum to facilitate health promotion</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

**G.13.4.5.5 Minor disorders**

<b>Module code:</b> VPWB211	<b>Semester 1</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Impaired Health Status and Minor disorders	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• promote, maintain and restore health by quality nursing within the legal, ethical and cultural framework according to the scientific approach of nursing as focused on impaired health status of the individual, family and community.</li> <li>• use problem-solving and critical analytical skills in assessing and diagnosing minor disorders in the patient and also plan, implement and evaluate nursing accordingly...</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VPWG221	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Minor disorders	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• render nursing within a culturally sensitive, ethical and legal framework to the individual, family and community with infectious and transmittable diseases.</li> <li>• use problem solving and critical analytical skills in assessing and diagnosing minor disorders in the patient as well as plan, implement and evaluate nursing for it.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VPWP271	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 16</b>
<b>Title:</b>	Minor disorders in practice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• render quality culturally sensitive nursing to promote, maintain and restore the health of a patient with minor disorder in the hospital/community.</li> <li>• assess the patient, plan, implement and evaluate nursing regarding the minor disorders of all body systems.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc Practica 1 : 1	

**G.13.4.5.6 Health Service Management**

<b>Module code:</b> VPBB421	<b>Semester 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Health Service Management Skills	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• apply principles of health service management and financial leadership and quality assurance to management of a nursing or extensive primary health service unit.</li> <li>• participate in the composition, training, teaching and applying of human resources with the aim of supplying health care to the community</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> VPBP471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Health Service Management Practice	
<b>Module outcomes:</b>	After exposure to the specific learning experiences in the nursing practice that have a bearing on health service management the student should be able to: <ul style="list-style-type: none"> <li>• plan, organize and audit a health service in hospital or in the community</li> <li>• He/she will be able to make professionally-ethical decisions and to function as a professional practitioner within the legal-ethical framework as well as be able to do a nursing research project.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Practica 1 : 1	

**G.13.4.5.7 Lifestyle Enrichment**

<b>Module code:</b> VPLS371	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Lifestyle Enrichment	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• handle the world of nursing and as an adult student the demands that the career requires by developing interpersonal and communication skills.</li> <li>• show knowledge and skills regarding self-image, self assertion and effective communication. These skills are also extended to effective assessment and support interviewing, health education, handling stress, handling crises and accompanying the dying.</li> <li>• demonstrate knowledge and skills regarding home stimulation programmes of the healthy and the mentally retarded individual. This module promotes self-enrichment</li> </ul>	

	of the student with the objective of enriching the individual, family and community.
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Practica / Only attendance

<b>Module code:</b> VPLS471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Psychiatric and Nursing Science skills and methods	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• promote, maintain and restore mental health of the individual and family as part of the community, by using psychiatric nursing skills and methods.</li> <li>• also strive for an increase in personal and professional self-knowledge thereby facilitating his/her own as well as the patient's pursuit of wholeness.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc Practica / Only attendance	

#### G.13.4.5.8 Professional Practice

<b>Module code:</b> VPPF411	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Legislation and Professional Practice	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• realize as a practicing professional nurse, a Christian life and world view and to accept within the legal-ethical framework professional responsibility in practice and show a pursuit of professional and personal growth and health.</li> <li>• facilitate within the relevant cultural contexts, health by patients, colleagues and subordinates.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

#### G.13.4.5.9 Psychiatric Nursing Science

<b>Module code:</b> VPEK311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Introductory and Clinical Psychiatric Nursing	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• show a broad conceptual and theoretical framework regarding psychiatric nursing as well as demonstrate knowledge of general acute psychiatric disorders, so that it forms the starting point according to which the student can facilitate the promotion, maintenance and restoration of her own mental health as well as the mental health of the</li> </ul>	

	patient.
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1

<b>Module code:</b> VPEP471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 28</b>
<b>Title:</b>	Psychiatric Nursing Science Practice	
<b>Module outcomes:</b>	<p>After exposure to the planned experiences in the module of Psychiatric Nursing Practice the student should be able to:</p> <ul style="list-style-type: none"> <li>• apply extensive psychiatric nursing for the mentally deranged and mentally retarded individual and groups in the hospital.</li> <li>• apply extensive psychiatric nursing to the individual, family and groups in the community in a professional and culturally sensitive way to promote, maintain and restore mental health.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Practica 1 : 1	

<b>Module code:</b> VPER421	<b>Semester 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Psychiatric Nursing Science Practice	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• render extensive psychiatric nursing to the individual, family, group and community in a culturally sensitive manner; as well as show personal integration regarding a professional role in Psychiatric Nursing for the promotion, maintenance and restoration of mental health.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VPEV321	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Psychiatric Skills and Methods	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>• to internalize a broad conceptual and theoretical framework of the psychiatric nursing practice.</li> <li>• apply the therapeutic use of the self by using psychiatric nursing skills and methods as well as identify her/his role and function in the mental health team with the aim of promoting, maintaining and restoring wholeness for himself/herself as well as for the patient.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

<b>Module code:</b> VPGP372	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Community- and Psychiatric Nursing Science Practice	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>function within a extensive primary health care service as a full member of the multidisciplinary team, facilitate influences that have a facilitating as well as an impeding effect on people of all ages in rural as well as urban areas.</li> <li>after exposure to mental health services, be able to apply psychiatric skills to determine the needs in mental health and conduct a supporting interview with a patient; promote and maintain mental health in the community.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc Practica 1 : 1	

#### G.13.4.5.10 Specialization Nursing Science

<b>Module code:</b> VPXP371	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Specialization Nursing Science Practice	
<b>Module outcomes:</b>	<p>After exposure to the planned learning experience, specialization nursing practice, the student should be able to:</p> <ul style="list-style-type: none"> <li>assess the patient with a medical or surgical condition in the tertiary health service facility.</li> <li>plan, implement and evaluate high quality, culturally sensitive nursing in order to promote, maintain and restore health in the patient with chronic and acute conditions of all the body systems.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc Practica 1 : 1	

<b>Module code:</b> VPXS311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Specialization Nursing Science	
<b>Module outcomes:</b>	<p>After completion of the module, the student should be able to:</p> <ul style="list-style-type: none"> <li>as a member of multi-professional team, render promotion, maintenance and restoration, culturally sensitive nursing within a legal-ethical framework to the individual in tertiary health facilities.</li> <li>implement the scientific method of nursing within the framework of the nursing theory w.r.t human completeness as applied to specialized medical and surgical conditions on the following body systems: Otorhinolaryngology; Respiratory; Cardiovascular; Haemopoietic; Digestion; Endocrinology; Metabolic; and to render intra-operative nursing in the operation theatre.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	



<b>Module code:</b> VPXS321	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Specialization Nursing Science	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• render (as a member of the multi-professional team) culturally sensitive nursing within a legal-ethical framework to individuals in tertiary health facilities.</li> <li>• implement the scientific method of nursing within the framework of the nursing theory w.r.t human completeness as applicable to specialized medical and surgical conditions on the following body systems: Genito-urinary; Musculo-skeletal; Neurology; Ophthalmology; and Dermatology.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1	

#### G.13.4.5.11 Obstetric Nursing Science

<b>Module code:</b> VPVA411	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 16</b>
<b>Title:</b>	Complicated Obstetric Nursing Science	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• apply knowledge of the pathology and clinical pictures of deviations and complications that may occur during childbirth regarding the neonate, as well as knowledge of the relevant pharmacology, to the nursing of the patient with complicated childbirth and high-risk neonates.</li> <li>• recognize genetic deviations and support the family psychologically as well as should be able to manage a practice unit as independent midwife/accouter within the broad health framework and within the legal-ethical framework.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 2 x 2 hours 1 : 1	

<b>Module code:</b> VPVB321	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 16</b>
<b>Title:</b>	Normal childbirth and complicated pregnancy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• apply knowledge of the physiological changes during childbirth, maternal and fetal welfare as well as promotion of childbirth and dealing with pain to the scientific nursing of the patient during childbirth.</li> <li>• apply knowledge of pathology and clinical pictures of complications that may occur during pregnancy to the scientific nursing of the pregnant woman with complications</li> </ul>	

	as well as to apply knowledge of relevant pharmacology and the South African Nursing Council Regulation.
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc 1 x 3 hours 1 : 1

<b>Module code:</b> VPVI221	<b>Semester 2</b>	<b>NQF-level: 5b(6)</b> <b>Credits: 8</b>
<b>Title:</b>	Introductory Obstetric Nursing Science and normal pregnancy	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• demonstrate knowledge of fundamental terms and principles of Midwifery; explain the role of the midwife in the multidisciplinary team and integrate the relevant SANC regulations for safe practice.</li> <li>• apply knowledge of the anatomic, physiological and psychological changes during pregnancy, as well as the knowledge of the development and physiology of the fetus to the scientific nursing of the pregnant patient and her fetus.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> VPVN311	<b>Semester 1</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Normal neonate, puerperium and parenthood	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>• apply knowledge of the physiological changes after birth as well as the physiological and psychological properties and needs of the neonate to the scientific nursing of the neonate within the framework of the relevant South African Nursing Council Regulations.</li> <li>• apply knowledge of the anatomy, physiology and psychological changes during the puerperium to the scientific nursing of the patient during the normal and abnormal puerperium; apply the principles of health information in giving information on parenthood in individuals and groups.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> VPVP371	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 18</b>
<b>Title:</b>	Obstetric Nursing Science Practice	
<b>Module outcomes:</b>	After exposure to practice experience the student should be able to: <ul style="list-style-type: none"> <li>• give health information to individuals and groups regarding pregnancy, childbirth and parenthood.</li> </ul>	

	<ul style="list-style-type: none"> <li>nurse the pregnant patient and her fetus the patient during normal childbirth and puerperium scientifically, individually and holistically within the legal framework as well as to apply the technology applicable to Obstetric Nursing in a suitable way.</li> </ul>
<b>Method of delivery:</b>	Full time
<b>Method of assessment:</b>	Pc Practica 1 : 1

<b>Module code:</b> VPVP471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 32</b>
<b>Title:</b>	Obstetric Nursing Science Practice	
<b>Module outcomes:</b>	After exposure to practice experience the student should be able to: <ul style="list-style-type: none"> <li>nurse scientifically, individually and as a whole person the patient with complications during childbirth and puerperium as well as the high-risk neonates within the legal framework.</li> <li>apply obstetric emergency actions and manage a unit of practice within the broad health framework within the legal framework.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc Practica 1 : 1	

#### G.13.4.5.12 Nursing Research

<b>Module code:</b> VPNN323	<b>Semester 2</b>	<b>NQF-level: 6(7)</b> <b>Credits: 8</b>
<b>Title:</b>	Introduction to Nursing Research	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>manage the research process and related concepts</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> VPNN411	<b>Semester 1</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Methodology of Nursing Research	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>plan health related research of a high ethical standard in order to promote service delivery to individuals, families and communities and to expand professional knowledge.</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc 1 x 2 hours 1 : 1	

<b>Module code:</b> VPNP471	<b>Semester 1 &amp; 2</b>	<b>NQF-level: 7(8)</b> <b>Credits: 8</b>
<b>Title:</b>	Nursing Research Project	
<b>Module outcomes:</b>	After completion of the module, the student should be able to: <ul style="list-style-type: none"> <li>do a health related research project by planning the project, data collection and analysis, making recommendations for the improvement of nursing practice and expansion of the scientific knowledge base as well as reporting by publication of articles and delivering a possible congress paper</li> </ul>	
<b>Method of delivery:</b>	Full time	
<b>Method of assessment:</b>	Pc Practica / Only attendance	

### **G.13.5 MODULE OUTCOMES OF BACCALAUREUS CURATIONIS (EDUCATIONIS ET ADMINISTRATIONIS) - TELEMATIC MODULES**

#### **BSKP311: ORGANISATIONAL PSYCHOLOGY**

TL 1 x 3 hours 40 : 60

On completion of the module the learner must know and understand the research, theories, and approaches regarding organizational behaviour, stress, motivation, job satisfaction, leadership, group behaviour, organizational politics, conflict, decision-making, communication and organizational design; develop sensitivity for individual, group and organizational problems on national and international level and develop flexibility regarding the management thereof; apply skills to diagnose individual, group and organizational problems and to intervene and/or refer individuals to professionals, facilitate individuals and/or groups and/or advise the relevant parties on solutions; know and understand the nature, reasons for and history of organizational culture, organizational climate and organizational development; Know and understand the competencies of an organizational development consultant and apply skills to diagnose problems and opportunities, and refer/facilitate/consult individuals and groups to solve problems and/or to utilize opportunities; Identify changes impacting on the work context and know and understand the management of change; Know and understand organizational diagnosis as a part of organizational development and apply techniques to diagnose problems and opportunities in organizations; know and understand elementary organizational development interventions that could be used to solve problems or capitalize on opportunities and apply skills to develop and implement and evaluate these interventions in the work place.

#### **BSKT111: INTRODUCTION TO PSYCHOLOGY IN WORK CONTEXT**

TL 1 x 3 hours 40 : 60

On completion of the module the student must know and understand differences in individual behaviour and criteria that can be used to classify individual differences; know and understand the impact of stereotypes, prejudice and assimilation in a diverse workplace; motivate the value of a diversified workforce that mirrors the population and evaluate different programmes to manage diversity; know and understand the nature and importance of a safe and healthy work environment, and one that enhances the quality of work life of workers in organizations; show insight the safety, health and quality of work life problems are experienced by workers; know and understand the ways in which organizations should go about ensuring and

maintaining a safe and healthy work environment, and one that is conducive to the improvement of the quality of work life of workers.

**BSKT221: PERSONNEL PSYCHOLOGY**

TL 1 x 3 hours 40 : 60

On completion of the module the student must know and understand the nature, value and functions of human resource management and its challenges; demonstrate knowledge of and insight into job analysis, human resource planning, recruitment, selection, compensation, performance management, induction, training and development and apply skills to develop these programmes in work context; show knowledge of and insight into the importance of a safe and healthy work environment and one that enhances the quality of the work life of workers; apply knowledge and skills to compile human resource management programmes.

**BSOT221: OCCUPATIONAL SOCIOLOGY**

TL 1 x 3 hours 40 : 60

Know and understand the challenges in occupation, motivation to work, conflict between occupations, role theory and know how an organization structure could influence the business. Demonstrate knowledge and understanding of mobility, stratification and the working of the organization on different levels. Know and understand socio-demographic and economic trends which could affect work site health and safety.

**BSOT321: LABOUR RELATIONS**

TL 1 x 3 hours 40 : 60

On completion of the module the learner must: demonstrate knowledge and understanding of concepts, modalities regulating labour relations, tripartite relationship, industrial democracy, participation and representation, development of industrial relations in South Africa, legislation, trade unions, collective bargaining and how it influences the work environment; Know and understand the mechanics and dynamics of strikes, reasons for strikes, primary enterprise-level procedures, work representation at enterprise level through workplace forums and future industrial relations development; Apply skills to ensure effective labour relations.

**NSDT111: HEALTH SCIENCE DYNAMICS**

TL 1 x 3 hours 40 : 60

After studying this module the student should be able to demonstrate a sound knowledge of the health care of South Africa with reference to the developing world and health care in South Africa; demonstrate an understanding of health care as a caring concern; demonstrate the ability to debate the concept "professionalism" as related to health care professionals; and demonstrate the ability to act ethically in any given health care situation; develop the self through the study of Health Science Dynamics regarding personal and professional growth; participate effectively as a health practitioner in the multi-disciplinary team.

**NSET111: HEALTH SCIENCE EDUCATION : INTRODUCTION**

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to demonstrate knowledge of the psychological framework regarding human behaviour in the educational process; be knowledgeable about growth dynamics; have an understanding about information processing,

learning strategies and motivation; motivate the imperativeness of effective education and achieving positive teaching outcomes.

**NSET211: CURRICULUM STUDIES**

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to demonstrate knowledge, skills and attitude regarding SAQA/NQF/OBE; the skills development act; outcomes based education; outcomes based education and the curriculum; study guide development and lesson plans; outcomes based learning and the learning accompanist; outcomes based learning and the adult student.

**NSET221: DIDACTICS**

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to demonstrate knowledge; skills and attitude regarding the teaching and learning context, construction of knowledge; determinants of learning; dimensions of learning; creation of a context conducive to learning (facilitation-, clinical skills and assessment).

**NSET271: HEALTH SCIENCE EDUCATION : PRACTICA**

(Successful attendance)

On completion of this module the student should be able to demonstrate confidence in the planning of learning opportunities; utilize various teaching strategies; create a context conducive to learning; evaluate learning; write a report on nursing school administration.

**NSET311: THEORETICAL AND PHILOSOPHICAL FOUNDATIONS**

TL 1 x 3 hours 40 : 60

On completion of this module the learner should be able to demonstrate knowledge; skills and attitude regarding the: influence of philosophy on health science education; philosophical trends (constructivism, critical reflection and cognition); flexibility in learning and teaching (open and distance learning, telematic learning, cooperative learning, tutorials).

**NSET321: CONTEMPORARY ISSUES**

TL 1 x 3 hours 40 : 60

On completion of this module the learner should be able to demonstrate knowledge, skills and attitude regarding the: comparative systems in education; continuing education (professional development, entrepreneurial skills); teaching portfolio; management aspects in health science education (quality control); human resources; performance management.

**NSFT121: FINANCIAL HEALTH MANAGEMENT**

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to discuss cost and financial management in health services; understand the cost elements in health care services; understand planning and budgeting in health services; understand cost control and decision making.

**NSGT121: INTRODUCTION B**

TL 1 x 3 hours 40 : 60

Students who have completed this module will be able to define the term *deviance* in a scientifically correct manner and discuss the main sociological perspectives' analysis of deviant behaviour critically; analyze dispersed and convergent forms of collective behaviour sociologically; explain social movements and its relationship to social change; and apply sociological knowledge as far as health and the health care system are concerned.

**NSMT211: UNIT/CLINIC MANAGEMENT**

TL 1 x 3 hours 40 : 60

After studying this module, the student should be able to explain what management and unit management is; apply the management process in the nursing unit; debate the necessity of policy and procedure manuals in the nursing unit; describe the unit managers' financial and budgetary responsibilities; illustrate an effective staff scheduling plan; outline the supervisory duties of the unit manager and; formulate a disaster and emergency plan for the nursing unit.

**NSMT221: HUMAN RESOURCES MANAGEMENT**

TL 1 x 3 hours 40 : 60

After studying this module the student should be able to discuss the principles of quality improvement; apply the process of quality improvement; implement a quality improvement programme in the health service; formulate and apply total quality management in the health service; apply risk management and case management and implement information systems in the management of the health organization.

**NSMT271: HEALTH SERVICE MANAGEMENT PRACTICA**

(Successful attendance)

On completion of this module the student should be able to apply the principles of management in the practice of Health Service Management by: evaluating clinic/hospital/units philosophy, policy, procedure manuals, formulate new philosophy, policy and procedures; discuss the application of Human Resource implementation in the clinic/hospital/unit; discuss the quality control used in the clinic/hospital/unit; provide a schematic outline of a personnel development programme; discuss the role of the Health Service Manager in the clinic/hospital/unit with regard to the finances and personnel/staff.

**NSMT311: STRATEGIC MANAGEMENT**

TL 1 x 3 hours 40 : 60

On the completion of this module the learner should be able to apply strategic management by giving attention to the nature and value of strategic management, strategy formulation and strategy implementation. This will be achieved by: understanding the nature and value of strategic management; formulating and implementing a strategy through action plan, functional tactics and employee empowerment.

**NSMT321: CONTEMPORARY ISSUES**

TL 1 x 3 hours 40 : 60

On completion of this module the learner should be able to debate the various roles of the nurse manager, i.e. the nurse manager as negotiator, the nurse manager as consultant and the nurse manager as project manager. This will be achieved by: understanding the nature and process of negotiation; understanding the consultation process and applying it to individuals, groups and the community; understanding and applying the principles and process of project management and; understanding the benefits of networking and the development of personal and professional networks.

**NSRT121: HEALTH SCIENCE RESEARCH**

TL 1 x 3 hours 40 : 60

On completion of this module the student should be able to appreciate the meaning and usefulness of Health Science Research; demonstrate a proficiency in utilizing the correct methodology for each type of research; complete the research process with confidence and utilize research results in the health practice.

**OBAD112: INTRODUCTION TO PUBLIC MANAGEMENT**

TL 1 x 3 hours 40 : 60

A student will be able to understand public management and administration as a discipline; public policy and legislative framework for implementation, achieving sustainable development: the role of local government.

**VWTL311: PHILOSOPHY OF SCIENCE**

TL 1 x 2 hours 40 : 60

On completion of this module the learner should be able to demonstrate that he/she understands the status of Nursing as discipline in the world of sciences; identify and discuss the prominent philosophies points regarding the foundational questions in Nursing as science; to evaluate these questions from his/her own framework of reference; identify the basic issues in the contemporary debate regarding science and faith and apply it in Nursing; evaluate the ethical consequences of his/her scientific and professional conduct from an own and Christian value orientation.