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COURSES AND PROGRAMMES OFFERED IN SCHOOL OF HEALTH SCIENCES

4.1 Foundation Courses

Foundation courses are compulsory for all students pursuing the health science bachelor degrees in School of Health Sciences. These courses cover the basic knowledge and skills essential for various health related disciplines and are intended to prepare the students to undertake more advance courses later on. The total number of units required for graduation varies according to the respective programmes. Generally, each student is required to take between 16-25 units. Below is the summary of the Foundation Courses:

No.	Course Code	Course Title	Course Offered	
			Year	Semester
1.	GTU101/3	Structure and Function of Humans I	1	I
2.	GTU103/3	Fundamental of Health Informatics	1	I & II
3.	GTU104/3	Structure and Function of Humans II	1	II
4.	GTU105/3	Psychology and Behavioural Science	1	I & II
5.	GTU106/3	Biochemistry and Basic Genetic	1	I
6.	GTU202/3	Health and Society	3	I & II
7.	GTU301/3	Ethics and Law for the Health Professionals	3	I & II
8.	GTU302/3	Biostatistics	3	I & II
9.	GTU304/3	Research Methodology	3	I & II

4.2 Core Courses

The core courses are the major component of the programme of studies and reflect the specialisation and expertise of each programme. Please refer to the list of core courses of the respective programme.

4.3 Electives Courses

The purpose of offering elective courses is to ensure that students are presented with knowledge which not only complement the core courses but also will enhance and broaden their foundation of knowledge. The school encourages students to freely select any of the courses offered. All students of the School of Health Sciences are required to register a total of 8-39 units of elective courses. The units from electives courses will contribute to the total number of units for graduation. Students are reminded to **ONLY** select courses indicated by the school and to avoid selecting courses from own programme or any programmes unless permitted and approved by the School Board. Students are strongly encouraged to select electives courses offered within their respective academic year level. They may choose courses from one level lower or higher than their academic year, though this practice should be guided closely by academic advisor. The Elective Courses offered by School of Health Sciences are managed by the Interdisciplinary Health Sciences Unit and are listed as below.

Courses offered as Elective Courses

Semester I			Semester II		
Course Code	Title of Course	Unit	Course Code	Title of Course	Unit
GEG103/3	Fitness and Health	3	GEG109/2	History of Health Sciences	2
GTX101/3	Introduction to Medical Radiation	3	GTX103/3	Medical Radiation Physics I	3
GTF 101/3	Basic Chemistry	3	GTJ108/2	Health Communication & Education	2
GEG204/3	Gender Perspectives in Health	3	GEG114/2	Oral Health	2
GEG208/2	Human Resource Management in Healthcare Organizations	2	GEG201/2	Women's Health	2
GEG213/3	Stress Management	3	GEG208/2	Human Resource Management in Healthcare Organizations	2
GEG218/3	Community Development in Health Promotion	3	GEG216/3	Development of Health Services in Malaysia	3
GEG219/3	Healthcare Management	3	GEG219/3	Healthcare Management	3
GEG220/2	Occupation Therapy for People with Disabilities	2	GTB225/3	Epidemiology	3
GTB 224/3	Immunology I	3	GTS202/2	*First Aid and Cardiopulmonary Resuscitation (CPR)	2
GTS202/2	*First Aid and Cardiopulmonary Resuscitation (CPR)	2	GTS207/3	Principles and Training in Individual and Team Sports	3
GEG304/2	Communication & Self Development	2	GEG304/2	Communication & Self Development	2
GEG311/2	Botany And Health	2	GEG302/3	Violence & Society	3
GTJ317/2	Principles of Health Management	2	GEG305/2	Forensic Sciences	2
GEG315/3	Fiqh of Health	3	GEG309/2	Principles of Forensic Dentistry	2
GTS407/3	Therapeutic Exercise	3	GEG311/2	Botany and Health	2
GTB404/3	Toxicology	3	GEG313/2	Health Economics	2
LAA100/2	Arabic Language I	2	GEG315/3	Fiqh of Health	3
LAJ100/2	Japanese Language I	2	GTS307/3	Physical Activity, Growth and Development	3
LAA200/2	Arabic Language II	2	LAA100/2	Arabic Language I	2
LAJ200/2	Japanese Language II	2	LAA200/2	Arabic Language II	2
			LAJ100/2	Japanese Language I	2
			LAJ200/2	Japanese Language II	2

* GEGxxx/x= Courses are offered only as Elective Course and are subjected to changes.

* GTS 202/2 1st semester is only open to Sport Science's Students; 2nd semester will be opened to all students

4.4 Programmes Offered

4.4.1 Status of Students and Level of Study

Students are designated as equivalent to first, second, third or fourth year according to the total units accumulated as follows:-

Course of Study	Year Equivalent Based on Cumulative Unit Acquired			
	First	Second	Third	Fourth
(Total Unit Required for Graduation)				
Biomedicine (140 Units)	0 - 36	37 - 76	77 - 113	≥ 114
Dietetics (140 Units)	0 - 35	36 - 74	75 - 112	≥ 113
Nursing (140 Units)	0 - 36	37 - 75	76 - 114	≥ 115
Medical Radiation (140 Units)	0 - 36	37 - 71	72 - 108	≥ 109
Forensic Science (145 Units)	0 - 41	42 - 79	80 - 116	≥ 117
Audiology (147 Units)	0 - 40	41 - 85	86 - 121	≥ 122
Speech Pathology (147 Units)	0 - 38	39 - 76	77 - 116	≥ 116
Exercise and Sports Science (140 Units)	0 - 38	39 - 75	76 - 112	≥ 113
Nutrition (140 Units)	0 - 36	37 - 73	74 - 111	≥ 112
Environmental and Occupational Health (140 Units)	0 - 40	41 - 79	80 - 113	≥ 114

4.4.2 Biomedicine Programme

This is a 4-year programme. The total unit required for graduation is 140, which includes core (109 units), elective (16 units) and university (15 units) courses.

4.4.3 Nursing Programme

This is a 4-year programme requiring a total of 140 units for graduation. The programme consists of core courses (115 units), elective courses (10 units) and university courses (15 units).

The nursing programme was developed by taking into account the following criteria:

- (i) Fulfilled the requirement of the Malaysian Nursing Board (MNA) to have sufficient component of clinical practice for registration. Students who are Registered nurses do not need to adhere to this requirement.
- (ii) The clinical practice components are compulsory for students who enrolled with matriculation, 'Sijil Tinggi Pelajaran Malaysia' or equivalent to it and other diploma qualifications.

The nursing programme is structured as follows:

Semester 1-6: Courses in Semester 1-6 must be taken by all students. Registered nurses can be awarded the Bachelor of Health Science (Nursing) upon completion of 120 units (95 units for core courses, 15 units for university courses and 10 units for elective courses). Registered nurses may be given unit exemptions of not more than 1/3 of the total unit requirement for graduation.

Semester 7-8: Students other than registered nurses are required to undergo clinical practice components over a period of one year in order to fulfill the MNA registration. These students will then be eligible to be awarded the Bachelor of Health Science (Nursing) upon completion of 140 units.

4.4.4 Forensic Science Programme

This is a 4-year programme requiring a total of 145 units for graduation. This consists of core courses (124 units), elective courses (6 units) and university courses (15 units).

4.4.5 Dietetics Programme

This is a 4-year programme requiring 140 units for graduation. It consists of core courses (113 units), elective courses (12 units) and university courses (15 units).

4.4.6 Medical Radiation Programme

This is a 4-year programme. It requires a total of 140 units for graduation. It consists of core courses (111 units), elective courses (14 units) and university courses (15 units).

4.4.7 Audiology Programme

This is a 4-year programme. It requires a total of 147 units for graduation. It consists of core courses (122 units), elective courses (10 units) and university courses (15 units).

4.4.8 Speech Pathology Programme

This is a 4-year programme. It requires a total of 147 units for graduation. It consists of core courses (122 units), elective courses (10 units) and university courses (15 units).

4.4.9 Exercise and Sports Science Programme

This is a 4-year programme. It requires a total of 140 units for graduation. It consists of core courses (80 units), elective courses (39 units) and university courses (21 units).

4.4.10 Nutrition Programme

This is a 4-year programme. It requires a total of 140 units for graduation. It consists of core courses (107 units), elective courses (18 units) and university courses (15 units).

4.4.11 Environmental and Occupational Health Programme

This is a 4-year programme. It requires a total of 140 units for graduation. It consists of core courses (106 units), elective courses (19 units) and university courses (15 units).

Below is the summary of the unit requirement of all programmes offered in School of Health Sciences:

Programme	Unit Requirements for Graduation			
	Core Courses	Elective Courses	University Courses	Total
Biomedicine	109	16	15	140
Nursing	115	10	15	140
Forensic Science	124	6	15	145
Dietetics	113	12	15	140
Medical Radiation	111	14	15	140
Audiology	122	10	15	147
Speech Pathology	122	10	15	147
Exercise and Sports Science	80	39	21	140
Nutrition	107	18	15	140
Environmental and Occupational Health	106	19	15	140

4.5 Graduation Requirements

In order to graduate, student must fulfil both the minimum residence and the academic requirement such as:-

- (a) Satisfy all credit requirements for the Academic Programme i.e total credits and the required number of credits for each component in the programme [Core, Elective, University and Optional (if appropriate) courses].
- (b) Obtain a minimum grade points of 2.00 (Grade C) and above for all Core courses.
- (c) Obtain a final CGPA of 2.00 and above for the whole programme.
- (d) Obtain a minimum grade C or grade point 2.00 for the language courses (Bahasa Malaysia and English), Ethnic Relations and the TITAS courses.