

Health Sciences Division



Health Sciences is emerging as one of the UAE's largest growth areas. Student learning takes place in classrooms, laboratories, clinics, and hospital settings where training covers the knowledge, skills, attitudes, and behaviors expected of a modern health science professional. The HCT Health Sciences programs and courses are designed to meet the highest academic and industry standards and in consequence our graduates are highly sought after by employers. Health Sciences graduates can expect to work in a number of different areas including hospitals, government, laboratories, education, and a large range of private and semi-private health-related organizations.

Bachelor of Applied Science in Food Science and Technology

The Bachelor of Applied Science (BAS) is a one-year bachelor degree completion for those students who have completed a relevant qualifying HCT Higher Diploma or equivalent. This program produces UAE Nationals UAE Nationals who are able to perform duties required by both Abu Dhabi Food Control Authority

(ADFCA) and the Program Advisory Committee (PAC). Graduates will be equipped with skills such as food sampling techniques, food condemning procedures, developing food sampling plans, inspecting imported foods and preparing food inspection statistical reports.

		Course Credits
Food Science and Technology Core Courses		
Required Credits: 46		
FDSA N404	Food Sampling Techniques	4
FDSA N406	Food Safety Systems	4
FDSA N408	Food Legislation	4
FDSA N416	Regulatory Toxicology & Fd Safety	4
FDSA N422	Advanced Food Microbiology	4
FDSA N401	Research Project	6
FDST N403	Risk Analysis	4
FDST N405	recall and Traceability	4
FDST N407	Human Nutrition in Health & Disease	4
FDST N409	Food Biology	4
FDST N410	Quality System Auditing in Food Ind	4

<i>Total Required Credits</i>	46	<i>Minimum Duration of Study</i>	1
<i>Maximum Duration of Study</i>	3	<i>Program Code</i>	FDSTBP
<i>Cost Recovery Program</i>	No	<i>Major Code</i>	FDST

Bachelor in Dental Hygiene

The Bachelor of Dental Hygiene program is a four-year post Foundations program preparing graduates for professional dental hygiene practice. Graduates are educated to provide quality dental hygiene care with a patient centred focuses. The program stresses knowledge of the chemical, biological, social, and clinical sciences that underlie dental hygiene and contribute to an understanding of the relevance of that knowledge to provide health promotion, preventive, and curative services to patients in a variety of health continuum circumstances. The program promotes the

development of analytical thinking, problem-solving abilities, communication skills, professional ethics, social responsibility, professional citizenship, the ability to adapt to changes and respond to challenges in dental health care, and a commitment to lifelong learning.

Note: Liberal Studies Physical and Biological Science requirement are satisfied by Dental Hygiene Core Courses.

Dental Hygiene Core Courses			Liberal Studies	
Required Credits: 88			Required Credits: 39	
HDH 1303	Organic & Bio Chemistry for Dental Hygienists	3	A. Communication	12
HDH 1203	Chemistry for Dental Hygiene	3	B. Mathematics	3
HDH 2003	Head and Neck Anatomy	3	C. Art and Humanities	6
HDH 2006	Preclinical Dental Hygiene	6	D. Social and Behavioral Studies	9
HDH 2103	Oral Histology	3	E. Physical and Biological Sciences	6
HDH 3003	Dental Radiology Theory and Practice	3	F. Global Studies	3
HDH 3103	Community Dental Health I	3		
HDH 3203	Dental Hygiene Theory I	3		
HDH 3403	Dental Hygiene Theory II	3		
HDH 3503	Applied Nutrition in Dental Practice	3		
HDH 4003	Epidemiology & Preventive Dentistry	3		
HDH 4103	Dental Hygiene Theory III	3		
HDH 4925	Dental Hygiene Practice II	5		
HDH 4913	Dental Hygiene Practice I	3		
HDH 3603	Law and Ethics for Dental Hygiene	3		
HDH 4203	Management & Supervision of Dental Practice	3		
HDH 2203	Dental Anatomy and Occlusion	3		
HDH 4303	Community Dental Health II	3		
HDH 4423	Dental Hygiene Theory IV	3		
HDH 4403	Scholarship & Research for Evidence Based Practice	3		
HDH 4935	Dental Hygiene Practice III	5		
HDH 2303	General and Oral Pharmacology	3		
HDH 2403	General and Oral Pathology	3		
HDH 4943	Dental Hygiene Practice IV	3		
HSC 2503	Microbiology	3		
LSN 1103	Anatomy & Physiology I	3		
LSN 1203	Anatomy & Physiology II	3		

Total Required Credits	121	Minimum Duration of Study	4
Maximum Duration of Study	6	Program Code	HDHAB
Cost Recovery Program	No	Major Code	HSDHAB

Bachelor in Health Care Administration and Leadership

The Bachelor of Health Care Administration and Leadership is a four year post Foundations degree. Students may exit after two years of study with an Associate Degree in Health Office Administration. During years three and four, the graduate acquires knowledge and develops skills in health care finance, accounting, human resources, marketing, and quality management in health care. In year four, students

consolidate theory and practice via a capstone project or an end-of-term work preceptorship. Graduates are ready to begin careers in both private and public sector health care systems in the UAE and/or pursue further studies in management and leadership.

		Course Credits			Course Credits
Health Care Administration and Leadership Core Courses			Liberal Studies		
Required Credits: 81			Required Credits: 39		
BUS 1003	Management and Leadership	3	A. Communication		12
BUS 1203	Software Applications for Business	3	B. Mathematics		3
BUS 1503	Accounting for Managers	3	C. Art and Humanities		6
BUS 2303	Financial Management	3	D. Social and Behavioral Studies		9
BUS 3003	Managing People and Organisations	3	E. Physical and Biological Sciences		6
BUS 3103	International Business and Globalisation	3	F. Global Studies		3
BUS 4313	Employee Relations and UAE Labor Law	3			
BUS 4513	Strategic Decisions with Management Science	3			
BUS 4573	Customer Relationship Management	3			
CIS 3103	Project Management	3			
HCL 1103	Software Applications for Health	3			
HCL 1403	Health Business Records Processing	3			
HCL 2103	Health Care Information Systems	3			
HCL 2503	Billing and Reimbursement	3			
HCL 2603	Health Care Law and Ethics	3			
HCL 2803	Introduction to Health Informatics	3			
HCL 2703	Overview of Health Challenges	3			
HCL 3003	Research Methods in Health Care	3			
HCL 3103	Biostatistics and Epidemiology	3			
HCL 3203	Health Care Policies	3			
HCL 3303	Global Trends in Healthcare Systems and Issues	3			
HCL 4913	Health Care Preceptorship	3			
HCL 4926	Health Care Administration Preceptorship/ Capstone Project	6			
HSC 1003	Introduction to Health Care Systems	3			
HSC 1603	Medical Terminology for Health Sciences Professions	3			
LSC 3013	Professional Communications	3			

<i>Total Required Credits</i>	120	<i>Minimum Duration of Study</i>	4
<i>Maximum Duration of Study</i>	6	<i>Program Code</i>	HCLAB
<i>Cost Recovery Program</i>	No	<i>Major Code</i>	HSHLAB

Bachelor of Science in Health Information Management

The Bachelor of Science in Health Information Management program is a four year post foundations program preparing graduates for professional health information management professional practice. In the first two program years students develop an extensive knowledge of health care coding and introductory management studies. Students may choose to exit after two years and begin a career in health information coding. The final two years of the program develop students' skills in health informatics, research, quality, advanced data management, leadership and health data analysis.

The program promotes the development of analytical thinking, problem-solving abilities, communication skills, professional ethics, social responsibility, professional citizenship, the ability to adapt to changes and respond to challenges in health information management, and a commitment to lifelong learning.

Note: Liberal Studies Physical and Biological Science requirement are satisfied by Health Information Management Core Courses.

Health Information Management Core Courses		Course Credits
Required Credits: 51		
HIM 1703	Medical Terminology for Allied Health Professions	3
HIM 1203	Health Information Coding I (Introduction)	3
HIM 2003	Health Information Coding II (Intermediate)	3
HIM 2103	Applied Pathophysiology for Health Information Management	3
HIM 2203	Health Information Management Studies	3
HIM 2303	Health Information Coding III (Advanced)	3
HIM 2403	Introduction to Management in Healthcare	3
HIM 3003	Biostatistics	3
HIM 3103	Health Informatics I	3
HIM 3203	Health Informatics II	3
HIM 3303	Epidemiology	3
HIM 4003	Intermediate Management in Health Care	3
HIM 4103	Health Data Analysis	3
HIM 4203	Research Methods in Healthcare	3
HIM 4303	Health Care Economics and Health Insurance	3
HIM 4403	Advanced Management in Healthcare	3
HSC 1003	Introduction to Health Care Systems	3

Information Technology Core Courses		Course Credits
Required Credits: 18		
CIA 3103	Database Design and Administration	3
CIA 4103	Data Driven Web Technologies	3
CIA 4203	Enterprise Database Applications	3
CIB 3103	Object Oriented Analysis & Design	3
CIS 1303	Data and Information Management	3
CIS 2403	Object Oriented Programming	3

Liberal Studies		Course Credits
Required Credits: 39		
A. Communication		12
B. Mathematics		3
C. Art and Humanities		6
D. Social and Behavioral Studies		9
E. Physical and Biological Sciences		6
F. Global Studies		3

Health Information Field Courses		Course Credits
Required Credits: 12		
HIM 4912	Work Experience for Health Information Management	2
HIM 4923	Health Information Management Hospital Preceptorship	3
HIM 4933	Coding Practicum	3
HIM 4944	Professional Experience II	4

Required Science Courses		Course Credits
Required Credits: 6		
LSN 1003	Human Sciences I	3
LSN 1013	Human Science II	3

Total Required Credits	120	Minimum Duration of Study	4
Maximum Duration of Study	6	Program Code	HIMAB
Cost Recovery Program	No	Major Code	HSHMAB

Bachelor of Applied Science in Health Information Management

The Bachelor of Applied Science (BAS) is a one-year bachelor degree completion for those students who have completed a relevant qualifying HCT Higher Diploma or equivalent. The BAS in Health Information Management is to provide students with entry-level competencies for health information managers and equip them with the advanced skills in leadership. Graduates will be able

to perform complex tasks related to the management of health information and the systems used to collect, store, process, retrieve, analyze, disseminate, and communicate that information.

		Course Credits
Health Information Management Core Courses		
Required Credits: 38		
HIMP N401	Research Project I	5
HIMP N402	Research Project II	4
HIMP N425	Advanced Health Informatics	5
HIMP N456	Advanced Management in Healthcare	5
HIMP N460	HI Systems Project Management	5
HIMP N471	Advanced HI Coding and Casemix	5
HIMP N494	Professional Experience II	4
HIMP N495	Health Funding and Reimbursement	5

<i>Total Required Credits</i>	38	<i>Minimum Duration of Study</i>	1
<i>Maximum Duration of Study</i>	3	<i>Program Code</i>	HMGTBTP
<i>Cost Recovery Program</i>	No	<i>Major Code</i>	HMGT

Bachelor of Science in Medical Imaging

The Bachelor of Science in Medical Imaging program is a four-year course of undergraduate study. This program prepares BSc Medical Imaging graduates for employment as professional radiographers within the UAE healthcare environment. Students study a wide range of technical and clinical subjects to include radiographic anatomy and pathology, X-ray positioning and procedures, medical imaging technology and the core elements of the specialist medical imaging modalities to include computed tomography (CT), magnetic resonance imaging (MRI), mammography and ultrasound (US). The program places a strong emphasis on 'learning by doing' where students develop core medical imaging competencies through supervised

clinical practice with real patients in real hospitals and clinics. On graduation, the employment opportunities for radiographers are varied and exciting ranging from Primary Health Care clinics to large multi-disciplinary general and specialist hospital units. The BSc Medical Imaging program is internationally accredited by the Society and College of Radiographers United Kingdom (SCoR), providing both academic recognition and support for those students who wish to advance their education through postgraduate studies.

Note: Liberal Studies Physical and Biological Science requirement are satisfied by Medical Imaging Core Courses.

		Course Credits			Course Credits
Medical Imaging Core Courses			Preceptorship Courses		
Required Credits: 50			Required Credits: 35		
HMI 1103	Introduction to Medical Imaging	3	HMI 4914	Clinical Preceptorship I	4
HMI 2001	Patient Care I	1	HMI 4922	Clinical Preceptorship II	2
HMI 2002	Medical Imaging Technology I	2	HMI 4934	Clinical Preceptorship III	4
HMI 2102	Medical Imaging Technology II	2	HMI 4944	Clinical Preceptorship IV	4
HMI 2303	Medical Imaging Positioning and Procedures I	3	HMI 4952	Clinical Preceptorship V	2
HMI 2403	Medical Imaging Anatomy and Pathology I	3	HMI 4964	Clinical Preceptorship VI	4
HMI 2503	Medical Imaging Positioning and Procedures II	3	HMI 4976	Clinical Preceptorship VII	6
HMI 2603	Medical Imaging Anatomy and Pathology II	3	HMI 4989	Clinical Preceptorship VIII	9
HMI 3001	Patient Care II	1			
HMI 3002	Medical Imaging Technology III	2			Course Credits
HMI 3102	Medical Imaging and Positioning III	2	Required Science Courses		
HMI 3202	Specialized Imaging I	2	Required Credits: 6		
HMI 3212	Radiation Safety and Biology	2	LSN 1103	Anatomy & Physiology I	3
HMI 3312	Cross Sectional Anatomy	2	LSN 1203	Anatomy & Physiology II	3
HMI 4002	Specialized Imag. II	2			Course Credits
HMI 4003	Quality Management in Medical Imaging	3	Liberal Studies		
HMI 4102	Specialized Imaging Elective	2	Required Credits: 39		
HMI 4103	Research Project I	3	A. Communication		12
HMI 4203	Professional Practice	3	B. Mathematics		3
HMI 4303	Research Project II	3	C. Art and Humanities		6
HSC 1003	Introduction to Health Care Systems	3	D. Social and Behavioral Studies		9
			E. Physical and Biological Sciences		6
			F. Global Studies		3

Total Required Credits	124	Minimum Duration of Study	4
Maximum Duration of Study	6	Program Code	HMIAB
Cost Recovery Program	No	Major Code	HSMIAB

Bachelor of Applied Science in Medical Imaging

The Bachelor of Applied Science (BAS) is a one-year bachelor degree completion for those students who have completed a relevant qualifying HCT Higher Diploma or equivalent. The BAS in Medical Imaging is to produce appropriately qualified radiographers.

		Course Credits
Medical Imaging Core Courses		
Required Credits: 49		
HLTH N420	Research I	5
HLTH N425	Research II	5
IMAG N410	Quality Management in Medical Imaging	5
IMAG N440	Research Project I	10
IMAG N455	Emerging Technologies in Medical Imaging	5
IMAG N465	Client Education in Medical Imaging	6
IMAG N490	Research Project II	13

<i>Total Required Credits</i>	49	<i>Minimum Duration of Study</i>	1
<i>Maximum Duration of Study</i>	3	<i>Program Code</i>	MIMGBP
<i>Cost Recovery Program</i>	No	<i>Major Code</i>	MIMG

Bachelor in Medical Laboratory Science

The Bachelor of Science in Medical Laboratory Technology is a four-year professional program. Graduates are professional medical laboratory scientists who possess a broad range of knowledge in medical laboratory diagnostics, the linguistic and written ability to work in English and Arabic, and are culturally competent to deliver care to a wide range of clients/patients. The four years of undergraduate study integrates theory, laboratory skills, and supervised professional practice in a variety of clinical settings. Medical laboratory technologists are specialized in the area of the laboratory diagnostics producing accurate diagnostic results required by physicians and health care team members for evaluation of the health status of patients and clients.

Graduates possess professional knowledge in the areas of hematology, clinical chemistry, microbiology, and cell pathology, with the potential to specialize and advance their skills in specialist areas. Graduates who are successful in their program are recognized by the Institute of BioMedical Scientists of the United Kingdom, which provides access to Society activities and program recognition for those students who wish to advance their education into graduate studies.

Note: Liberal Studies Physical and Biological Science requirement are satisfied by Medical Laboratory Core Courses.

		Course Credits			Course Credits
Medical Laboratory Science Core Courses			Clinical Courses		
Required Credits: 67			Required Credits: 14		
HML 1302	Basic Laboratory Skills	2	HML 4913	Clinical Placement I	3
HML 1003	Hematology I	3	HML 4925	Clinical Placement II	5
HML 1103	Microbiology I	3	HML 4936	Capstone Project: Bachelor of Medical Laboratory Science	6
HML 1203	Clinical Chemistry I	3			
HML 2003	Hematology II	3			
HML 2023	Hematology III	3			
HML 2103	Microbiology II	3			
HML 2123	Microbiology III	3			
HML 2203	Clinical Chemistry II	3			
HML 2223	Clinical Chemistry III	3			
HML 2302	Transfusion Science I	2			
HML 2342	Transfusion Science II	2			
HML 3006	Clinical Correlations	6			
HML 3022	Introduction to Basic Health Research	2			
HML 3102	Cell Pathology I	2			
HML 3122	Cell Pathology II	2			
HML 3302	Immunology	2			
HML 4003	Biology of Diseases	3			
HML 4004	Laboratory Management	4			
HML 4005	Laboratory Methodologies	5			
HML 4102	Cell Pathology III	2			
HML 4303	Techniques in Molecular Biology	3			
HSC 1603	Medical Terminology for Health Sciences Professions	3			
					Course Credits
Required Science Courses			Required Credits: 6		
LSN 1103	Anatomy & Physiology I	3			
LSN 1203	Anatomy & Physiology II	3			
					Course Credits
Liberal Studies			Required Credits: 39		
	A. Communication				12
	B. Mathematics				3
	C. Art and Humanities				6
	D. Social and Behavioral Studies				9
	E. Physical and Biological Sciences				6
	F. Global Studies				3

Total Required Credits	120	Minimum Duration of Study	4
Maximum Duration of Study	6	Program Code	HMLAB
Cost Recovery Program	No	Major Code	HSMLAB

Bachelor of Applied Science in Medical Laboratory Technology

The Bachelor of Applied Science (BAS) is a one-year bachelor degree completion for those students who have completed a relevant qualifying HCT Higher Diploma or equivalent. The BAS in Medical Laboratory Technology prepares students as biomedical scientists in the field of laboratory science.

			Course Credits
Medical Laboratory Technology Core Courses			
Required Credits: 38			
ENGL N470	Professional Writing & Communication		3
MLAB N410	Applied Statistics and Research Methodologies		2
MLAB N420	Biology Disease		4
MLAB N430	Laboratory Methodologies		8
MLAB N440	Histology		3
MLAB N450	Introduction to Cellular Pathology		5
MLAB N460	Laboratory Management		5
MLAB N480	Capstone Research Project		4
MLAB N490	Medical Laboratory Technology Practicum		4

<i>Total Required Credits</i>	38	<i>Minimum Duration of Study</i>	1
<i>Maximum Duration of Study</i>	3	<i>Program Code</i>	MLABBP
<i>Cost Recovery Program</i>	No	<i>Major Code</i>	MLAB

Bachelor of Applied Science in Midwifery

The Bachelor of Midwifery program is an 18 month post licensure program for experienced registered nurses. The program is based on international standards and incorporates the scientific, psycho-social, culture, and advanced midwifery theory and skills required of a practicing independent midwife. The program is in compliance with the regulations of the United Arab Emirates (UAE), following the Scope of Practice for

Midwives in the UAE. Students complete 12 months of theory and clinical education, followed by a clinical internship. Students are expected to display competency consolidation in practice, application of theory, legal, ethical, and cultural aware practice to meet graduation standard.

		Course Credits
Midwifery Core Courses		
Required Credits: 75		
HMID N402	Legal, Bio-ethical, & Socio-cultural Issues for Midwifery	2
HMID N405	Midwifery Therapeutics I	2
HMID N406	Midwifery Therapeutics II	2
HMID N407	Midwifery Therapeutics III	2
HMID N408	Midwifery Therapeutics IV	2
HMID N411	Information Literacy I - Biostatistics	2
HMID N415	Research Methods I	2
HMID N416	Research Methods II	4
HMID N420	Practicum I	7
HMID N421	Practicum II	8
HMID N422	Practicum III	8
HMID N423	Practicum IV	8
HMID N451	Midwifery Transition to Practice	2
HMID N455	Introduction to Management for Health Professionals	2
HMID N477	Midwifery Community Health & Health Education	2
HMID N480	Midwifery Internship	20

Total Required Credits	75	Minimum Duration of Study	1.5
Maximum Duration of Study	3	Program Code	MIDWFBP
Cost Recovery Program	Yes	Major Code	MIDW

Bachelor of Science in Nursing

The Bachelor of Nursing program is a four-year post Foundations program preparing graduates for professional nursing practice. Graduates are educated to provide evidence based nursing care with a patient centred focuses. The program stresses knowledge of the biological, social, and clinical sciences that underlie nursing practice including health promotion, prevention, and restorative care. Students undertake both theory and clinical education in the areas of medical surgical, pediatric (children), maternal child, mental health and community nursing. Students undertake studies in evidence based practice, research, and scholarship as

well as an understanding of global health trends, and health policy development. The program promotes the development of analytical thinking, problem-solving abilities, communication skills, professional ethics, social responsibility, professional citizenship, the ability to adapt to changes and respond to challenges in nursing and a commitment to lifelong learning.

Note: Liberal Studies Physical and Biological Science requirement are satisfied by Nursing Core Courses.

		Course Credits			Course Credits
Nursing Core Courses			Nursing Clinical Courses		
Required Credits: 31			Required Credits: 73		
HNR 1002	Concepts and Processes of Professional Nursing	2	HNR 4815	Introduction to Clinical Praxis, Concepts, and Process	5
HNR 1101	Introduction to Nursing Health Care Terminology	1	HNR 4825	Clinical Concepts and Processes for Adult Health I	5
HNR 1201	Health Promotion Skills Across the Lifespan I	1	HNR 4836	Clinical Concepts and Processes for Adult Health II	6
HNR 1602	Introduction to Pharmacology	2	HNR 4845	Clinical Concepts and Processes for Mental Health	5
HNR 2201	Health Promotion Skills Across the Life Span II	1	HNR 4858	Clinical Concepts and Processes for Women and Family Health	8
HNR 2402	Pathophysiology and Therapeutics I	2	HNR 4867	Clinical Concepts and Processes for Community Based and Population Health	7
HNR 2802	Pathophysiology and Therapeutics II	2	HNR 4877	Clinical Concepts and Processes for Complex Health Care Issues Across the Life Span I	7
HNR 3003	Advanced Health Promotion and Therapeutics for Nursing Practice	3	HNR 4885	Clinical Concepts and Processes for Complex Health Issues Across the Life Span II	5
HNR 3603	Introduction to Nursing Research and Statistics for Evidence Based Practice	3	HNR 4913	Consolidated Clinical Practice I	3
HNR 3622	Nursing Scholarship and Evidence Based Project I	2	HNR 4923	Consolidated Clinical Practice II	3
HNR 3653	Leadership in Health Care	3	HNR 4941	Clinical Nursing Practice Option	1
HNR 4601	Nursing Scholarship and Evidence Based Project II	1	HNR 4955	Transition to Professional Nursing Practice	15
HSC 1702	Microbiology for Nursing	2	HNR 4963	Directed Studies in Nursing	3
LSN 1103	Anatomy & Physiology I	3			
LSN 1203	Anatomy & Physiology II	3			
Liberal Studies					
Required Credits: 39					
A.	Communication	12			
B.	Mathematics	3			
C.	Art and Humanities	6			
D.	Social and Behavioral Studies	9			
E.	Physical and Biological Sciences	6			
F.	Global Studies	3			

Total Required Credits	137	Minimum Duration of Study	4
Maximum Duration of Study	6	Program Code	HNRAB
Cost Recovery Program	No	Major Code	HSNRAB

Bachelor in Pharmacy

The Bachelor of Pharmacy program is a four-year post Foundations program preparing graduates as Pharmacists for professional practice in different areas of Pharmacy. Graduates are educated to provide quality pharmaceutical care with a patient centred focus. The program stresses knowledge of the biological, chemical, pharmaceutical, clinical and social sciences that underpins pharmacy, an understanding of the relevance of that knowledge to patient care and pharmaceutical problem solving and the skills to apply that knowledge to specific pharmaceutical care circumstances. The program provides students with a firm foundation

for lifelong learning by promoting the development of analytical thinking, problem-solving abilities, communication skills, technical skills, intellectual leadership potential and a commitment to professional ethics, social responsibility, professional citizenship and the ability to adapt to changes and respond to challenges in pharmaceutical health care delivery.

Note: Liberal Studies Physical and Biological Science requirement are satisfied by Pharmacy Core Courses.

		Course Credits			Course Credits
Pharmacy Core Courses			Preceptorship Courses		
Required Credits: 69			Required Credits: 18		
HPH 1204	Foundation Chemistry for Pharmacy	4	HPH 4914	Community Pharmacy Preceptorship I	4
HPH 1504	Introduction to Pharmacy	4	HPH 4924	Clinical Pharmacy Preceptorship I	4
HPH 2004	Biological Organic Chemistry	4	HPH 4934	Clinical Pharmacy Preceptorship II	4
HPH 2103	Immunology	3	HPH 4944	Community Pharmacy Preceptorship II	4
HPH 2002	Pharmaceutical Microbiology	2	HPH 4952	Industrial Pharmacy Preceptorship	2
HPH 2204	Medicinal Chemistry I	4	Course Credits		
HPH 2303	Pharmaceutics I	3	Liberal Studies		
HPH 2405	Pharmacology	5	Required Credits: 39		
HPH 3013	Pathophysiology and Therapeutics for Pharmacy I	3	A. Communication		12
HPH 3033	Pharmaceutics II	3	B. Mathematics		3
HPH 3023	Medicinal Chemistry II	3	C. Art and Humanities		6
HPH 3163	Pathophysiology and Therapeutics for Pharmacy II	3	D. Social and Behavioral Studies		9
HPH 3103	Pharmaceutics III	3	E. Physical and Biological Sciences		6
HPH 3123	Pharmaceutical Analysis	3	F. Global Studies		3
HPH 4073	Pathophysiology and Therapeutics for Pharmacy III	3			
HPH 4013	Complementary Medicine for Pharmacy	3			
HPH 4003	Bio-Technology for Pharmacy	3			
HPH 4023	Clinical Biochemistry and Toxicology	3			
HPH 4112	Research Project for Pharmacy	2			
HPH 4102	Pharmaceutical Care	2			
LSN 1103	Anatomy & Physiology I	3			
LSN 1203	Anatomy & Physiology II	3			

<i>Total Required Credits</i>	120	<i>Minimum Duration of Study</i>	4
<i>Maximum Duration of Study</i>	6	<i>Program Code</i>	HPRAB
<i>Cost Recovery Program</i>	No	<i>Major Code</i>	HSPHAB

Bachelor in Social Work

The Bachelor of Social Work program prepares students for entry level professional practice as social workers. The full time four-year program provides graduates with the theoretical and practical skills required to work as professional social workers. Social Workers usually practice with disadvantaged and marginalized individuals, groups, and communities within a social justice framework in counselling, advocacy, and the enhancement of quality of life. Social workers work

toward addressing barriers, inequality and injustices faced by many groups and sub-groups in the community. Social work education is grounded within a framework that examines the nexus of human behaviour and complex social interactions. The program incorporates extensive supervised professional fieldwork experience in relevant social work settings.

	Course Credits		Course Credits		
Social Work Core Courses		Preceptorship Courses			
Required Credits: 72		Required Credits: 15			
HSW 1003	Introduction to Social Work	3	HSW 4913	Social Work Preceptorship I	3
HSW 1013	Human Development in the Life Span	3	HSW 4923	Social Work Preceptorship II	3
HSW 1103	Introduction to Interpersonal Communication	3	HSW 4933	Social Work Preceptorship III	3
HSW 1203	Social Work in the UAE	3	HSW 4943	Social Work Preceptorship IV	3
HSW 1303	Basic Counselling Skills in Social Work	3	HSW 4953	Social Work Preceptorship V	3
HSW 2103	Personal Counselling Skills	3			
HSW 2203	Psychosocial Issues in the UAE	3			
HSW 2213	Ethical and Legal Issues in Social Work	3			Course Credits
HSW 2313	The Legal Environment in the UAE	3	Liberal Studies		
HSW 2413	Group Counselling	3	Required Credits: 39		
HSW 2513	Abnormal Psychology	3	A. Communication		12
HSW 3003	Social Diversity and Justice	3	B. Mathematics		3
HSW 3103	Applied Personal Counselling	3	C. Art and Humanities		6
HSW 3203	Mental Health and Well Being	3	D. Social and Behavioral Studies		9
HSW 3303	Case Management I	3	E. Physical and Biological Sciences		6
HSW 3403	Family and Child Practice	3	F. Global Studies		3
HSW 3513	Family Counselling	3			
HSW 4003	Age and Aging	3			
HSW 4103	Advanced Social Work Case Management	3			
HSW 4203	Restorative Justice in Social Work	3			
HSW 4303	Social Work Research and Project	3			
HSW 4403	Reflective Practice	3			
HSW 4503	Community Development	3			
HSW 4603	Public Policy and Advocacy	3			

<i>Total Required Credits</i>	126	<i>Minimum Duration of Study</i>	4
<i>Maximum Duration of Study</i>	6	<i>Program Code</i>	HSWAB
<i>Cost Recovery Program</i>	No	<i>Major Code</i>	HSSWAB

Diploma in Food Inspection

The Diploma in Food Inspection program is to prepare UAE nationals for careers as food inspectors and to be competent in all fields related to food inspection. The

comprehensive education provided deals with food processing, food laws and regulations, food chemistry, microbiology and food safety and hygiene.

Diploma Food Inspection Required Courses for Year 1			Diploma Food Inspection Required Courses for Year 2		
Required Credits: 52			Required Credits: 49		
ENGL N1155	English I	8	ENGL N2155	English III	7
ENGL N1255	English II	8	FOOD N3110	Food Chemistry and Analysis	3
FOOD N2115	Food Safety and Hygiene I	2	FOOD N3115	Food Safety and Hygiene II	3
INSP N1105	Epidemiology and Biostatistics	3	FOOD N3210	Water Quality and Supply	3
INSP N1110	Field Work and Report I	3	INSP N2215	Dairy Products Inspection	3
INSP N1205	Field Work and Report II	3	INSP N2230	Food Processing	4
INSP N2100	Microbiology	3	INSP N2235	Field Work and Report III	3
INSP N2101	Ecology	2	INSP N3101	Health Education	4
INSP N2201	Technical Project I	3	INSP N3102	Building Construction and Sanitation	3
INSP N2205	Environmental Monitoring I	3	INSP N3103	Work Ethics	2
INSP N2210	Environmental Chemistry	3	INSP N3201	Technical Project II	4
INSP N2220	Management Skills for Food Inspectors	2	INSP N3202	Occupational Health and Safety	3
INSP N2225	Pests and Pest Control	4	INSP N3203	Laws and Regulations I	3
PPDV N1155	Personal and Professional Development I	1	INSP N3230	Practical Translation I	2
PPDV N1255	Personal and Professional Development II	1	PPDV N2155	Personal and Professional Development III	1
SCIE N1205	Science	3	PPDV N2255	Personal and Professional Development IV	1

Total Required Credits	101	Minimum Duration of Study	2
Maximum Duration of Study	3	Program Code	FOODDP
Cost Recovery Program	Yes	Major Code	FOOD