

**Bachelor of Health Sciences – courses/concentrations
Academic year 2020-2021**

Courses	Credits	Required courses, options or electives	Full-time or part-time staff
Concentration – Community Health			
Level 1			
Semester 1			
HESC1000 Structure & Function 1 – Cells & Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
HIST2610 Health and Medicine in the Caribbean: A Historical Perspective	3	Required	
PHIL1002 Introduction to Ethics & Applied Ethics	3	Required	
Level 1			
Semester 2			
HESC1000 Structure & Function 1–Cells & Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
SOCI1002 Introduction to Sociology I	3	Required	
EDSC1200 Introduction to Health Education Pedagogy	3	Required	
PSYC1004 Introduction to Social Psychology	3	Required	
Level II			
Semester 1			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC1010 Fundamentals of Nutrition	3	Required	Part-time
HESC2002 Human Development & Behaviour	3	Required	Full-time /Part-time
MGMT1001 Principles of Management	3	Required	
SOCI3027 Gender and Development	3	Required	
Level II			
Semester 2			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC2003 Health Science Research	3	Required	Part-time
PHIL3120 Biomedical Ethics	3	Required	
Level III			
Semester I			
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
HESC3005 Statistics for Public Health	3	Required	Part-time
SOWK3000 Social Work Supervised Research Study or MDSC3900 Practical Research for Medical and Health Sciences	Year Long	Required	Full-time
Plus 1 elective			
HESC3003 Environmental Health	3	Elective	Part-time
HESC3011 Management of Health Services	3	Elective	Part-time
PSYC2012 Development Psychology	3	Elective	
SOCI3037 Social Dimensions of Inequality and Marginalisation	3	Elective	
SOWK3031 Biosocial Psychosocial Challenges of HIV/AIDS in the Caribbean	3	Elective	
SOCI2022 Social Gerontology	3	Elective	
Level III			
Semester 2			
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
SOWK3000 Social Work Supervised Research Study or MDSC3900 Practical Research for Medical and Health Sciences	6	Required	Full-time

HESC3010 Technology Applications in Healthcare	3	Required	
PSYC 2002 Abnormal Psychology	3	Required	
PSYC 3003 Community & Environmental Psychology	3	Required	
Plus 1 elective			
HESC 3002 Epidemiology I	3	Elective	Part-time
SOCI3033 Drugs & Society	3	Elective	
SOWK3034 Children and Family Services	3	Elective	
SOCI2028 Violence & Development	3	Elective	
SOWK4005 Crisis Intervention	3	Elective	
SOWK2007 Disability Studies	3	Elective	
SOCI3013 Caribbean Social Policy	3	Elective	

Courses	Credits	Required courses, options or electives	Full-time or part-time staff
Concentration –Humanities/Biomedicine, Ethics and Society			
Level I			
Semester 1			
HESC1000 Structure & Function 1 – Cells & Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
HIST2610 Health and Medicine in the Caribbean: A Historical Perspective	3	Required	
PHIL1002 Introduction to Ethics & Applied Ethics	3	Required	
Level I			
Semester 2			
HESC1000 Structure & Function 1–Cells & Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
SOCI1002 Introduction to Sociology I	3	Required	
EDSC1200 Introduction to Health Education Pedagogy	3	Required	
PSYC1004 Introduction to Social Psychology	3	Required	
Level II			
Semester 1			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC1010 Fundamentals of Nutrition	3	Required	Part-time
HESC2002 Human Development & Behaviour	3	Required	Full-time /Part-time
SOCI2022 Social Gerontology	3	Required	
Level II			
Semester 2			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC2003 Health Science Research	3	Required	Part-time
PHIL3120 Biomedical Ethics	3	Required	
SOCI3027 Gender and Development	3	Required	
Level III			
Semester 1			
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
PHIL3099 Research in Philosophy or	Year Long	Required	
MDSC3900 Practical Research for Medical and Health Sciences		Required	Full-time
PHIL3500 Philosophy and Gender	3	Required	
PHIL3110 Environmental Ethics	3	Required	
Plus 1 Elective			
PHIL2200 Crime and Punishment – Issues in Legal Justice	3	Elective	
PHIL3510 Philosophy of Sex & Love	3	Elective	
SOWK3031 Biosocial Psychosocial Challenges of HIV/AIDS in the Caribbean	3	Elective	
SOCI3037 Social Dimensions of Inequality and Marginalisation	3	Elective	
HIST3030 The Evolution of Social Policy in Barbados	3	Elective	
Level III			
Semester 2			
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
HESC3010 Technology Applications in Healthcare	3	Required	Full-time
PHIL3099 Research in Philosophy or	6	Required	
MDSC3900 Practical Research for Medical and Health Sciences		Required	Full-time
HIST3033 Race, Gender and Medicine	3	Required	
Plus 1 Elective			
PHIL2210 Human Nature and the Good Life in Society	3	Elective	
SOCI3037 Social Dimensions of Inequality and Marginalisation	3	Elective	

Courses	Credits	Required courses, options or electives	Full-time or part-time staff
Concentration - Health Services Management and Administration			
Level I			
Semester 1			
HESC1000 Structure & Function 1 – Cells & Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
HIST2610 Health and Medicine in the Caribbean: A Historical Perspective	3	Required	
ECON1003 Maths for Social Sciences I	3	Required	
Level I			
Semester 2			
HESC1000 Structure & Function 1– Cells &Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
PHIL3120 Biomedical Ethics	3	Required	
EDSC1200 Introduction to Health Education Pedagogy	3	Required	
PSYC1004 Introduction to Social Psychology	3	Required	
Level II			
Semester 1			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC1010 Fundamentals of Nutrition	3	Required	Part-time
HESC2002 Human Development & Behaviour	3	Required	Full-time /Part-time
MGMT1001 Introduction to Management	3	Required	
Level II			
Semester 2			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC2003 Health Science Research	3	Required	Part-time
ACCT1003 Introduction to Cost & Management Accounting	3	Required	
ECON1001 Introduction to Microeconomics	3	Required	
Level III			
Semester 1			
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
SOWK3000 Social Work Supervised Research Study or MDSC 3900 Practical Research for Medical and Health Sciences	Year Long	Required Required	Full-time
HESC3011 Management of Health Services	3	Required	Part-time
MGMT2008 Organisational Behaviour	3	Required	
Plus 1 Elective			
MGMT2021 Business Law	3	Elective	
MGMT2023 Financial Management	3	Elective	
Level III			
Semester 2			
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
SOWK3000 Social Work Supervised Research Study or MDSC 3900 Practical Research for Medical and Health Sciences	6	Required Required	Full-time
MGMT2006 Management Information Systems I	3	Required	
ECON 3057 Health Economics	3	Required	
Plus 1 elective			
HESC3010 Technology Applications in Healthcare	3	Elective	Part-time
MKTG2001 Principles of Marketing	3	Elective	
MGMT3034 Managerial Communications	3	Elective	
MGMT3017 Human Resource Management	3	Elective	
PSYC2012 Development Psychology	3	Elective	
SOWK4005 Crisis Intervention	3	Elective	

Courses	Credits	Required courses, options or electives	Full-time or part-time staff
Concentration - Nutrition and Society			
Level I			
Semester 1			
HESC1000 Structure & Function 1 – Cells & Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
HIST2610 Health and Medicine in the Caribbean: A Historical Perspective	3	Required	
PHIL1002 Introduction to Ethics & Applied Ethics	3	Required	
Level II			
Semester 2			
HESC1000 Structure & Function 1– Cells & Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
PHIL3120 Biomedical Ethics	3	Required	
EDSC1200 Introduction to Health Education Pedagogy	3	Required	
PSYC1004 Introduction to Social Psychology	3	Required	
Level II			
Semester 1			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC1010 Fundamentals of Nutrition	3	Required	Part-time
HESC2002 Human Development & Behaviour	3	Required	Full-time /Part-time
SOCI3027 Gender and Development	3	Required	
Level II			
Semester 2			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC2003 Health Science Research	3	Required	Part-time
HESC3007 Nutrition throughout the Life Cycle	3	Required	Part-time
PHIL3120 Biomedical Ethics	3	Required	
Level III			
Semester 1			
HESC2004 Nutrition for Today	3	Required	Part-time
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
HESC3004 Nutrition and Metabolism	3		Part-time
SOWK3000 Social Work Supervised Research Study or MDSC 3900 Practical Research for Medical and Health Sciences	Year Long	Required	Full-time
Plus 1 elective			
PSYC2012 Development Psychology	3	Elective	
SOCI3037 Social Dimensions of Inequality and Marginalisation	3	Elective	
Level III			
Semester 2			
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
HESC3001 Nutrition Education	3	Required	Part-time
HESC3006 Nutrition in the Prevention and Treatment of Disease	3	Required	Part-time
SOWK3000 Social Work Supervised Research Study or MDSC 3900 Practical Research for Medical and Health Sciences	6	Required	Full-time
Plus 1 elective			
HESC3010 Technology Applications in Healthcare	3	Elective	Part-time
SOCI2022 Social Gerontology	3	Elective	
PSYC3003 Community & Environmental Psychology	3	Elective	
SOWK2007 Disability Studies	3	Elective	
SOCI3033 Drugs & Society	3	Elective	

Courses	Credits	Required courses, options or electives	Full-time or part-time staff
Concentration –Environmental Health			
Level I			
Semester 1			
HESC1000 Structure & Function 1 – Cells & Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
HIST2610 Health and Medicine in the Caribbean: A Historical Perspective	3	Required	
BIOL1025 Diversity of Life II	3	Required	
CHEM1125 Introduction to Experimental Chemistry	3	Required	
Level I			
Semester 2			
HESC1000 Structure & Function 1–Cells & Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
PSYC1004 Introduction to Social Psychology	3	Required	
EDSC1200 Introduction to Health Education Pedagogy	3	Required	
CHEM1125 Introduction to Experimental Chemistry	3	Required	
Level II			
Semester 1			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC1010 Fundamentals of Nutrition	3	Required	Part-time
HESC2002 Human Development & Behaviour	3	Required	Full-time/Part-time
MICR2252 General Microbiology or equivalent	3	Required	
Level II			
Semester 2			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC2003 Health Science Research	3	Required	Part-time
PHIL3120 Biomedical Ethics	3	Required	
CHEM2725 Chemistry of the Environment	3	Required	
Level III			
Semester 1			
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
HESC3003 Environmental Health	3	Required	Part-time
PHIL3110 Environmental Ethics	3	Required	
CHEM 3218 Environmental Chemistry and Toxicology	3		
MDSC3900 Practical Research for Medical and Health Sciences	Year Long	Required	Full-time
Plus 1 elective			
HESC3011 Management of Health Services	3	Elective	Part-time
HESC3005 Statistics for Public Health	3	Elective	Part-time
Level III			
Semester 2			
HESC3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
MDSC3900 Practical Research for Medical and Health Sciences	6	Required	Full-time
MICR3258 Pathogenic Micro-organisms or equivalent	3	Required	
Plus 1 elective			
HESC3002 Epidemiology I	3	Elective	Part-time
HESC3010 Technology Applications in Healthcare	3	Elective	Part-time
LAW3450 Caribbean Environmental Law	3	Elective	
MICR3251 Food Microbiology or equivalent	3	Elective	
PHIL2210 Human Nature and the Good Life in Society	3	Elective	
PSYC3003 Community and Environmental Psychology	3	Elective	

Courses	Credits	Required courses, options or electives	Full-time or part-time staff
Concentration -Health Informatics			
Level I			
Semester 1			
HESC 1000 Structure & Function 1 – Cells& Tissues	3	Required	Full-time
HESC 1005 Health Care Systems	3	Required	Part-time
COMP 1205 Computing I	3	Required	
COMP1180 Mathematics for Computer Science I	3	Required	
COMP1215 Unix	3	Required	
Level I			
Semester 2			
HESC1000 Structure & Function 1– Cells &Tissues	3	Required	Full-time
HESC1005 Health Care Systems	3	Required	Part-time
EDSC1200 Introduction to Health Education Pedagogy	3	Required	
PHIL3120 Biomedical Ethics	3	Required	
COMP1210 Computing II	3	Required	
Level II			
Semester 1			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Part-time
HESC1010 Fundamentals of Nutrition	3	Required	Part-time
HESC2002 Human Development & Behaviour	3	Required	Full-time /Part-time
COMP2225 Software Engineering	3	Required	
Elective (Not mandatory)			
BIOC2371 Molecular Techniques	3	Elective	
Level II			
Semester 2			
HESC2000 Structure & Function 2 – Organ Systems	3	Required	Full-time
HESC2001 Essential Pathophysiology	3	Required	Full-time
HESC2003 Health Science Research	3	Required	Part-time
HESC3010 Technology Applications in Healthcare	3	Required	Part-time
COMP3160 Database Management Systems or equivalent	4/3	Elective	
Students who register for the elective offered at level 2 semester 1 will accumulate 33/34 credits at level 2	(33/34)		
Level III			
Semester 1			
HESC300 Biological Principles of Prevention and Treatment	3	Required	Full-time
HESC 3005 Statistics for Public Health	3	Required	Part-time
HESC3008 Health Information Systems	3	Required	Part-time
COMP2611 Data Structures	3	Required	
Plus 1 Elective			
HESC3011 Management of Health Services	3	Elective	Part-time
MGMT 2023 Financial Management	3	Elective	
Level III			
Semester 2			
HESC 3000 Biological Principles of Prevention and Treatment	3	Required	Full-time
HESC3008 Health Information Systems	3	Required	Part-time
HESC 3012 Medical Vocabulary and Classification Systems	3	Required	Part-time
COMP2232 Object-Oriented Programming Concepts	3	Required	
Plus 1 elective			
MGMT 3034 Managerial Communications	3	Elective	
MGMT 2006 Management Information Systems I	3	Elective	
BIO3265 Principles of Bioinformatics	3	Elective	

Foundation Courses	FOUN 1006 Exposition for Academic Purposes	3
	FOUN 1101 Caribbean Civilisation	3
	FOUN 1301 Law Governance and Society	3

- Out of Faculty courses are in blue
- Foundation Courses are compulsory for all Concentrations
- MDSC 3900 Practical Research for Medical and Health Sciences is a course also done in the MBBS Programme