Module Catalogue

LSTM

LIVERPOOL SCHOOL OF TROPICAL MEDICINE

MSc / PgDip / PgCert Global Health Programme

2019/20

&

2020/21

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1	Title of Module	**Global Health**
2	Module Code	DLTROP201
3	Academic Year	2019/20
4	Semester	1
5	Credit Level	7
6	Credit Value	20 Credits
7	Module Convenor	Dr Martha Chinouya
8	Deputy Convenor	Mary Lyons
12	Pre-Requisite Modules	None
13	Other Pre-Requisites	None
16	Programme(s) for which this Module is Mandatory	MSc GH; PGDip GH; PGCert GH
19	Aim of the Module	

This module introduces you to knowledge in global health and the determinants of health operating at local and global levels, health inequalities as well as key issues and strategies for protecting and promoting the health of populations in various global settings.

20   Overview of the Module

You will develop a keen understanding of key global health issues including health determinants, the global burden of disease, health inequalities, strengthening of health systems, global health policies and politics as well as the various strategies used to promote and protect health. You will also develop skills in critical thinking, analysis, collaboration, communication and working with evidence to provide innovative solutions that can help improve health systems. The programme will use a range of learning approaches including the virtual classroom, flipped and peer learning, recorded lectures and threaded discussion boards. Your learning will be supported by a range of online teaching methods that include directed and self-redirected learning, group work, case studies and threaded discussion boards. These tools will also be used to provide you with continuous formative feedback. Importantly, you will benefit from access to staff involved in LSTM's global health research programmes (e.g. drug resistance, gender and health, neglected tropical diseases, climate change, lung health and TB).

23   Achievement of Learning Outcomes

Upon successful completion of the module, students will be able to:

No.	Learning Outcome	Mode of Assessment	Method of Teaching
1	Critically discuss the multiple determinants of health and evaluate strategies for improvement and strengthening health systems	Group presentation Individual assessment (report)	Virtual classroom, recorded lectures, threaded discussion boards, chat rooms
2	Critically apply health protection principles in designing an evidence-based health protection strategy response	Group presentation	Virtual classroom, recorded lectures, threaded discussion boards, chat rooms
3	Demonstrate critical knowledge and an awareness of key stakeholders' roles and responsibilities, at a local, national and global levels	Individual assessment (report) Group presentation	Virtual classroom, recorded lectures, threaded discussion boards
4	Effectively communicate health protection strategies to various audiences and stakeholders	Group presentation Individual assessment (reflective piece)	Virtual classroom, recorded lectures, threaded discussion boards

1	**Title of Module**	**Research Methods**
2	**Module Code**	DLTROP202
3	**Academic Year**	2019/20
4	**Semester**	1
5	**Credit Level**	7
6	**Credit Value**	20 Credits
7	**Module Convenor**	Dr Nara Tagiyeva
8	**Deputy Convenor**	
12	**Pre-Requisite Modules**	None
13	**Other Pre-Requisites**	None
14	**Modules for which this is a Pre-Requisite**	Epidemiology and statistics
16	**Programme(s) for which this Module is Mandatory**	MSc Global Health PGDip GH; PGCert GH
19	**Aim of the Module**	

The module provides you with knowledge, intellectual and practical skills to undertake research, using appropriate quantitative and qualitative methodologies to address global health issues and assess the quality of existing evidence to inform the development of health interventions in different settings.

20   Overview of the Module

In this module you will cover key aspects of qualitative and quantitative research methodologies. This includes a critical discussion of the different theoretical basis underpinning quantitative and qualitative approaches, study designs, methods, ethical issues, data management, analysis and interpretation. The module will use a range of learning approaches including the virtual classroom, flipped and peer learning, problem-based and experiential group work, recorded lectures, case studies, research papers and threaded discussion boards. The use of multiple-choice questions and practical exercises will also be used throughout the course to provide you with continuous formative feedback in basic statistics and key principles of qualitative research. Your learning is supported by a range of interactive online teaching methods and self-directed learning opportunities, group work, case studies and threaded discussion boards. You will benefit from the global health research and teaching expertise within LSTM.

23   Achievement of Learning Outcomes

Upon successful completion of the module, students will be able to:

No.	Learning Outcome	Mode of Assessment	Method of Teaching
1	Critically apply philosophical and epistemological assumptions in quantitative and qualitative research design	Summative assessments Formative assessments	Online lectures, threaded discussion boards, chat rooms; group work
2	Critically analyse qualitative and quantitative data	Summative assessments Formative assessments	Online lectures, threaded discussion boards, chat rooms; group work
3	Critically appraise research evidence informed by qualitative and quantitative approaches	Summative assessments Formative assessments	Online lectures, threaded discussion boards, chat rooms; group work
4	Critically apply ethical principles and demonstrate an awareness of positionality in the development of a research proposal in a global health context	Summative assessments Formative assessments	Online lectures, threaded discussion boards, chat rooms; group work

1	**Title of Module**	**Leadership in Health Systems Management**
2	**Module Code**	DLTROP203
3	**Academic Year**	2019/20
4	**Semester**	2
5	**Credit Level**	7
6	**Credit Value**	20
7	**Module Convenor**	Professor Quazi Monirul Islam
8	**Deputy Convenor**	Deborah Edwards
9	**Other Staff**	Dr Ozochukwu Agere
16	**Programme(s) for which this Module is Mandatory**	MScGH; PGDipGH; PGCert GH

19   Aim of the Module

The module will provide you with core theoretical knowledge and important skills for effective leadership in various global health settings.

20   Overview of the Module

You will be introduced to various key concepts in leadership including, governance, health systems, systems thinking, quality improvement, service development and efficiency measurement. Different leadership theories will be critically discussed, with case studies presented to facilitate group discussions on the practical application of concepts to various scenarios. You will also gain knowledge on how leadership influences the planning, functioning and structuring of local and global health systems. The module is taught using student-centred approaches that includes virtual classrooms, online group exercises, chat rooms, blogs, case studies, self-directed and directed reading and recorded presentations from experts in global health systems leadership. The online exercises will provide you with continuous formative feedback. You will keep a reflective diary that documents your learning throughout the module. Your reflections in the diary will contribute towards assessed reflective summary.

23   Achievement of Learning Outcomes

Upon successful completion of the module, students will be able to:

No.	Learning Outcome	Mode of Assessment	Method of Teaching
1	Critically appraise different leadership theories and styles and how they influence outcomes in various health systems	Report and reflective essay	Online materials including group work, essay, tutorials, threaded group discussions
2	Communicate effectively with the public	Report, group presentation,	Online materials including group work, tutorials, threaded discussion
3	Critically engage with evidence in developing strategies for change in health systems and services that will improve wellbeing	Group presentation, self-reflective piece	Online materials including group work, essay, tutorials, threaded group discussions
4	Critically reflect on their role and that that of others in global collaborative work for health	reflective essay	Online materials including group work, essay, tutorials, threaded group discussions

1	**Title of Module**	**Epidemiology and Statistics**
2	**Module Code**	DLTROP204
3	**Academic Year**	2019/20
4	**Semester**	2
5	**Credit Level**	Level 7
6	**Credit Value**	20
7	**Module Convenor**	Dr Nara Tagiyeva
9	**Other Staff**	Dr Martyn Stewart
13	**Other Pre-Requisites**	Students will normally have completed core modules of the Global Health programme. Students with an academic background equivalent to that normally acquired during Semester 1 will be accepted on the module at the discretion of the Module Convenor
18	**Programme(s) for which this Module is Optional**	MSc Global Health, PGDip GH; PGCert GH

19   Aim of the Module

The module provides you with further knowledge and practical skills in epidemiology and statistics. It will allow you to address global health issues by analysing and interpreting epidemiological data and critically appraising the quality of evidence from epidemiological studies.

20   Overview of the Module

This module equips you with the knowledge and more advanced practical skills in quantitative approaches that are important for the detailed exploration of global health issues. You will have the opportunity to work with epidemiological datasets, plan a strategy and conduct more advanced statistical analyses of the data using appropriate statistical software. You will also learn how to interpret and present the results. Teaching sessions typically comprise pre-recorded presentations and exercises. You will experience a range of learning approaches including the virtual and flipped classroom, problem-based group work, recorded lectures, case studies, research papers and threaded discussion boards. You will benefit from the global health research and teaching expertise within LSTM.

23   Achievement of Learning Outcomes

Upon successful completion of the module, students will be able to:

No.	Learning Outcome	Mode of Assessment	Method of Teaching
1	Apply epidemiological and statistical techniques to analyse and interpret data	Report, Formative assessments	Lectures, online, recorded lectures, discussion boards and self-assessment exercises and quizzes
2	Design an epidemiological study to explore a health issue using appropriate quantitative methods	Presentation Formative assessments	Lectures, online, recorded lectures, discussion boards and self-assessment exercises and quizzes
3	Critically appraise and interpret epidemiological and statistical data reported in published studies and draw appropriate inferences	Report Formative assessments	Lectures, online, recorded lectures, discussion boards and self-assessment exercises and quizzes

1	**Title of Module**	**Qualitative Research in Global Health**
2	**Module Code**	DLTROP205
3	**Academic Year**	2019/20
4	**Semester**	2
5	**Credit Level**	Level 7
6	**Credit Value**	20
7	**Module Convenor**	Mary Lyons
12	**Pre-Requisite Modules**	Students will normally have completed core modules of the MSc Global Heath programme. Students with an academic background equivalent to that normally acquired during Semester 1 will be accepted on the module at the discretion of the Module Convenor
18	**Programme(s) for which this Module is Optional**	MSc Global Health, PG Dip Global Health, PG Cert Global Health
19	**Aim of the Module**	

The module will develop your 'deeper' understanding of key concepts in qualitative research, so you can critically appraise qualitative research and have the skills to conduct and commission qualitative research in various health contexts.

20 Overview of the Module

The module (re)introduces you to the theoretical and practical aspects of qualitative approaches in various global health topics. You will learn the practical aspects of qualitative research, including theoretical approaches, selection of research topic, methods (interviews, ethnography, observations etc.), ethics, data collection, transcribing, data analysis, presentation and communication of results to diverse audiences. You will critically discuss, with examples the contextual and contested nature of research ethics and the importance of being a reflexive practitioner. Topics such as critical review, quality, rigour and trustworthiness will be covered. The module will be taught using student-centred, problem-solving online approaches, including virtual classrooms, recorded lectures, discussion boards, videos, and peer assessments. You will also have the experience of learning from world class qualitative research conducted by LSTM academics.

23 Achievement of Learning Outcomes

Upon successful completion of the module, students will be able to:

No.	Learning Outcome	Mode of Assessment	Method of Teaching
1	Undertake research using an appropriate qualitative methodology, including the critical analysis and interpretation of qualitative data	Report and formative assessments	Discussion boards One-to-one sessions with tutor, recorded lectures Discussion boards
2	Critically review ethical principles and issues in qualitative research	Report and formative assessments	Discussion boards One-to-one sessions with tutor, recorded lectures Discussion boards
3	Critically appraise qualitative research evidence	Report and formative assessments	Discussion boards Tutorials, recorded lectures, practical exercises, Discussion boards
4	Critically reflect on the 'self' in the qualitative research processes	Report and formative assessments	Discussion boards recorded lectures Discussion boards

1	**Title of Module**	**Climate Change and Health**
2	**Module Code**	DLTROP 207
3	**Academic Year**	2020/21
4	**Semester**	1
5	**Credit Level**	7
6	**Credit Value**	20 credits
7	**Module Convenor**	Dr Tim O'Dempsey
18	**Programme(s) for which this Module is Optional**	MSc Global Health PGDip GH; PGCert GH

19   Aim of the Module

This module aims to provide you with knowledge and critical understanding of the effects of global climate change on human health and the impact of these changes on livelihoods. You will also explore options for mitigation and adaptation.

20   Overview of the Module

Climate change is one of the greatest challenges facing the World in the 21st century and this module will look at its wider impact on lives and livelihoods across all continents. You will explore the economic, political, social and environmental determinants of vulnerability to the effects of climate change and will be encouraged to examine critically, the key strategies of adaptation and mitigation. Taking a student-centred and problem-solving approach to facilitate deep learning, core information will be presented through several online platforms including recorded lectures, threaded discussion boards, chat rooms and this will be expanded through case studies, group work and online seminars and group discussions. You will benefit from a learning environment that is embedded in LSTM global health research. The module is assessed by a 2000-word critical essay, a group presentation and an individual reflective essay. You will be able to write the main critical essay on whatever aspect of the module interests you most, following consultation with, and approval from the module leader. The topic may focus directly on health issues but may also revolve around other areas of concern related to climate change that have an indirect link to health. You will keep a reflective diary that documents your learning and achievement of the competencies and skills. Your reflections in the diary will contribute towards the assessed reflective summary.

23   Achievement of Learning Outcomes

Upon successful completion of the module, students will be able to:

No.	Learning Outcome	Mode of Assessment	Method of Teaching
1	Identify and critically analyse current and potential threats to human lives and livelihoods due to global climate change.	Individual essay, group presentation, individual reflective essay	Online recorded lectures, tutorials, group work, threaded discussion boards, directed reading and self-directed learning
2	Critically discuss the complex social, political, economic and environmental determinants of vulnerability to the effects of global climate change.	Individual essay, group presentation, individual reflective essay	Online recorded lectures, tutorials, group work, threaded discussion boards, directed reading and self-directed learning
3	Critically discuss how global climate change is likely to affect the nature, frequency and magnitude of humanitarian emergencies.	Group presentation, individual reflective essay	Online recorded lectures, tutorials, group work, threaded discussion boards, directed reading and self-directed learning
4	Critically appraise global frameworks and adaptation strategies to promote health and mitigate against environmental hazards and climate change	Individual essay, group presentation, individual reflective essay	Online recorded lectures, tutorials, group work, threaded discussion boards, directed reading and self-directed learning

1	**Title of Module**	**Working with Diverse Communities**
2	**Module Code**	DLTROP206
3	**Academic Year**	2020/2021
4	**Semester**	2
5	**Credit Level**	7
6	**Credit Value**	20
7	**Module Convenor**	Dr Martha Chinouya
13	**Other Pre-Requisites**	Students will normally have completed the core modules of the MSc Global Health programme. Students with an academic background equivalent to that normally acquired during Semester 1 will be accepted on the module at the discretion of the Module Convenor
18	**Programme(s) for which this Module is Optional**	MSc Global Health, PG Dip GH, PG Cert GH
19	**Aim of the Module**	

The module provides an overview of social science perspectives on the relationships and interactions between social determinants of health at a global level and the 'local' community experiences of health and illness and the implications for policy and practice.

20   Overview of the Module

The interaction between the local and the global context of health is complex due to diverse socio-economic, cultural and political contexts. This module will give you different perspectives on the social determinants of health at the global and 'local', community levels within the context of the 'global' language of the right to health. The module will include exploration of how local contexts influence individual experiences of health and illness and the implications of this for global health practice. You will develop an understanding of 'culture' in health and the application of equality and diversity frameworks in a wide range of global health settings. The module will use a range of learning approaches including the virtual and physical classroom, flipped and peer learning, problem-based and experiential group work recorded lectures, case studies, research papers and threaded discussion boards. These interactive tools, including research papers, case studies and videos will be used throughout the course to provide you with continuous formative feedback on the application of social science concepts and human rights in understanding global health issues. You will benefit from the global health research and teaching expertise within LSTM. Your learning is supported by a range of online teaching methods that include directed and self-redirected learning, group work, case studies and threaded discussion boards.

23   Achievement of Learning Outcomes

Upon successful completion of the module, students will be able to:

No.	Learning Outcome	Mode of Assessment	Method of Teaching
1	Critically appraise the influence of 'contexts' in understanding health	Essay and formative assessments	Online Lectures, group work, videos, tutorials
2	Critically engage with social science perspectives in reviewing global health policies and issues	Essay and formative assessments	Online Lectures, group work, videos, tutorials
3	Critically review rights-based approaches in global health	Essay and formative assessments	Online lectures, group work, videos, tutorials
4	Critically review professional and ethical behaviour in health care settings	Essay and formative assessments	Online lectures, group work, videos, tutorials

1	Title of Module	**MSc Global Health Dissertation**
2	Module Code	DLTROP208
3	Academic Year	2020/21
4	Semester	2
5	Credit Level	7
6	Credit Value	60
7	Module Convenor	Dr Martha Chinouya
8	Deputy Convenor	Dr Nara Tagiyeva
14	Modules for which this is a Pre-Requisite	Students will have completed the taught component of the LSTM MSc Global Health programme and have achieved at least 60 credits. Students with equivalent knowledge and experience may be accepted on the module at the discretion of the appropriate Director of Studies.
17	Programme(s) for which this Module is Required	MSc Global Health
19	Aim of the Module	

The module aims to enable you to apply the knowledge, intellectual and practical skills obtained from the taught modules to a specific global health-related issue that is of interest to you and or your organisation/workplace or community.

20   Overview of the Module

The MSc Programme will not only contribute towards your professional development as it also has the potential to contribute to service improvement for your sponsoring organisation or community. The proposed nature of the dissertation includes research projects, systematic reviews, or work-related projects such as audits, service improvement, evaluation and policy reviews etc. You will be allocated a supervisor who will provide guidance and support throughout the dissertation process including selection of topics for investigation.

23   Achievement of Learning Outcomes

Upon successful completion of the module, students will be able to:

No.	Learning Outcome	Mode of Assessment	Method of Teaching
1	Undertake appropriate research and analyse data using appropriate quantitative or qualitative methodologies	Assignment	Tutorials Threaded discussion boards Videos
2	Evaluate and reflect on own professional ethical behaviour	Assignment	Tutorials Online presentations Group work
3	Compile, analyse research data and critically interpret research findings, draw conclusions and formulate recommendations	Assignment	Tutorials Discussion boards Online presentations
4	Evaluate information critically and produce an effective synthesis of current research and advanced scholarship.	Assignment	Tutorials Discussion boards
5	Effectively communicate research findings	Presentation Assignment	Tutorials Online proposal presentations Poster presentation

25   Syllabus

Identification of topic, proposal writing, ethics, ethical reviews, situated ethics, procedural ethics; safeguarding; negotiating access to study populations; field work; Data collection; Data analysis; Interpretation; making recommendations; Reflexivity.