



### Teaching and Facilitation for OHOD Erasmus+ project

The table below illustrates the outcome of a gap analysis comparing content already provided and content still outstanding and to be provided in relation to the various modules.

<b>1. Module: Introduction to Public Health</b>	
<b>Target Audience: Train the Trainer (TT)</b>	
<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
1. Concepts in public health 2. Evidence based public health 3. Public health: practice and policy	1. Principle factors of health and disease-biomedical basis for major infections and chronic disease 2. Social and behavioural factors of health (social Determinants of health) 3. Global health: Sustainable development goals 4. Health issues in developing countries 5. Health Policy and Strategy
<b>Target Audience: Students (S)</b>	
<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
1. Concepts in Public Health 2. Health policy and strategy health economics: 3. Public health and healthcare 4. Health economics: public health and healthcare	1. Principle factors of health and disease-biomedical basis for major infections and chronic disease 2. Social and behavioural factors of health (social Determinants of health) 3. Global health: Sustainable development goals 4. Health issues in developing countries
<b>2. Module: Epidemiology of Chronic Disease</b>	
<b>Target Audience: Train the Trainer (TT)</b>	
<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
1. Fundamentals of epidemiology 2. Heart failure in older people 3. Respiratory disease 4. Outcomes of cognitive impairment post stroke	1. Chronic disease surveillance: methods, impact and relationship to health policy planning 2. Examining the concept of risk and its application in chronic disease 3. Defining non-communicable disease 4. Individual vs societal activities in prevention and intervention in chronic disease 5. Classifying chronic disease, global trends and population initiatives to address
<b>Target Audience: Students (S)</b>	
<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
	1. Chronic disease surveillance: methods, impact and relationship to health policy planning

	<ul style="list-style-type: none"> <li>2.Examining the concept of risk and its application in chronic disease</li> <li>3.Defining non-communicable disease</li> <li>4.Individual vs societal activities in prevention and intervention in chronic disease</li> <li>5.Classifying chronic disease, global trends and population initiatives to address</li> <li>6.Fundamentals of epidemiology</li> <li>7.Heart failure in older people</li> <li>8.Respiratory disease</li> <li>9.Outcomes of cognitive impairment post stroke</li> </ul>
<b>3. Module: Health Education and Promotion</b>	
<b>Target Audience: Train the Trainers (TT)</b>	
<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
	<ul style="list-style-type: none"> <li>1.Theories of health promotion</li> <li>2.Approaches in health education</li> <li>3.Using a population health approach for vulnerable/marginalised populations</li> </ul>
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<b>4. Module: Health Informatics and Global Health</b>	
<b>Target Audience: Train the Trainers (TT)</b>	
<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
<ul style="list-style-type: none"> <li>1.Competencies in epidemiology and evidence based public health: application of existing data bases</li> <li>2.Introduction to health informatics</li> <li>3.On the implement of the biggest RIS PAC system – an Irish health care success story</li> <li>4.Global health</li> </ul>	<ul style="list-style-type: none"> <li>1.Health law and ethics (<b><i>consider alignment with introduction with public health module</i></b>)</li> <li>2.Health information management</li> <li>3.Conceptualising health as a human right and within the context of social justice and health equality</li> <li>4.Using population methods to monitor health</li> <li>5.The role and operation of health technology, e-health and health informatics</li> <li>6.Using models of social inclusion and social capital</li> </ul>
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<b>5. Module: Biostatistics and Methods of Investigation</b>	
<b>Target Audience: Train the Trainers (TT)</b>	
<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
<ul style="list-style-type: none"> <li>1.Biostatistics</li> </ul>	<ul style="list-style-type: none"> <li>1.Understanding public health data</li> </ul>

	<ul style="list-style-type: none"> <li>2. Understanding clinical studies</li> <li>3. Hypothesis and null hypothesis: how to understand their use and development</li> <li>4. How to use biostats: calculating and understanding confidence intervals, the use of chi square, t-test, ANOVA and p values</li> <li>5. Understand standard scores, z scores etc for probabilities</li> <li>6. Linear and regression models</li> <li>7. Residuals and variability analysis and using the R-studio statistical package</li> </ul>
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**6. Module: Research Methods**

**Target Audience: Train the Trainers (TT)**

<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
	<ul style="list-style-type: none"> <li>1. Deciding and discrimination of the research approach: what do you want to find out and how to generate a related research question</li> <li>2. Rigour, ethics and research integrity</li> <li>3. Methods of analysis (supplementary to biostats)</li> <li>4. Using technology for research data management</li> <li>5. Research: paradigms, traditions and application</li> <li>6. How to frame findings, discussion, conclusions and recommendations in the context of public health and chronic disease</li> </ul>

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**7. Module: Leadership and Management**

**Target Audience: Train the Trainers (TT)**

<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
1.Leadership in healthcare 2.Management of change as part of public health training 3.Clinical leadership 4.Leadership and change management	1.Leadership and management concepts, styles, theories and processes 2.Transferring leadership and management theory to practice: planning, organization, implementation and evaluation 3.Using effective decision-making in leadership roles 4.Psychological theories of communication and their application for leadership and management 5.Project management 6.Using Key Performance Indicators (KPI's): how to develop KPI's, operationalize and evaluate with specific application to organizations and public health 7.Ethics of public health management 8.Designing and implementing strategy for public health

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**8. Person Centred care and International Clinical Practicum**

**Target Audience: Train the Trainers (TT)**

<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
1.Introduction to person centred care	1.Patient centred care in community and clinical nursing 2.Making a move from bio-medical approaches to healthcare to psychosocial approaches in health care: the person centred approach 3.Models of person centred care 4.Moving from person centred care to community centred care 5.Understanding communication and the development of therapeutic and helping relationships with individuals, families and communities 6.Cultural diversity and flexible care – understanding the balance between ethnocentrism and cultural relativity within public health 7.Reorientation to person centred policy, legislation and organizational systems

**Target Audience: Students (S)**

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	<ul style="list-style-type: none"> <li>1.Patient centred care in community and clinical nursing</li> <li>2.Making a move from bio-medical approaches to healthcare to psychosocial approaches in health care: the person centred approach</li> <li>3.Models of person centred care</li> <li>4.Moving from person centred care to community centred care</li> <li>5.Understanding communication and the development of therapeutic and helping relationships with individuals, families and communities</li> <li>6.Cultural diversity and flexible care – understanding the balance between ethnocentrism and cultural relativity within public health</li> <li>7.Reorientation to person centred policy, legislation and organizational systems</li> <li>8.Introduction to person centred care</li> </ul>
<b>9. Research Project</b>	
<b>Target Audience: Train the Trainers (TT)</b>	
<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
1.Research methods and capstone research project	1.Course Project
<b>Target Audience: Students (S)</b>	
<b>Content Covered:</b>	<b>Identified Content to be Covered</b>
1.Course Project	1. Research methods and capstone research project