

Tobacco Use Curriculum

Corresponding School Enabling Competencies

PC1. Obtain an accurate, age-appropriate medical history.

PC2. Demonstrate proper technique in performing both a complete and a symptom-focused examination, addressing issues of patient modesty and comfort.

PC4. Justify each diagnostic test ordered with regard to cost, effectiveness, risks and complications, and the patient’s overall goals and values.

PC5. Apply clinical reasoning and critical thinking skills in developing a differential diagnosis

PC7. Apply the principles of pharmacology, therapeutics, and therapeutic decision-making to develop a management plan

PC8. Identify and incorporate into the care of patient’s appropriate prevention strategies for common conditions.

MK2. Explain various causes (genetic, developmental, metabolic, toxic, microbiologic, autoimmune, neoplastic, degenerative, behavioral, and traumatic) of major diseases and conditions and the ways in which they operate on the body (pathogenesis).

MK3. Describe how the altered structure and function (pathology and pathophysiology) of the body and its major organ systems are manifest through major diseases and conditions.

MK4. Identify the proximate and ultimate factors that contribute to the development of disease and illness, and that contribute to health status within and across populations regionally, nationally, and globally.

MK7. Recognize the medical consequences of common societal problems.

IC1. Communicate effectively in oral format with patients and patients’ families.

SHS4. Identify factors that place populations at risk for disease or injury and select appropriate strategies for risk reduction.

Foundation Phase

Course	Topics, Enabling Competencies & Learning Objectives	Assessment
Medical Science 2	<p>Respiratory Session: COPD (large group) (PC7, MK2, MK3, MK4, MK7, SHS4)</p> <ul style="list-style-type: none"> • Learn the primary risk factors for COPD. • Understand the current theories for the pathogenesis of COPD. • Understand the physiologic changes associated with emphysema and chronic bronchitis. • Describe the mechanisms in making the diagnosis of COPD. • Describe the clinical presentation of a patient with COPD. • Understand the benefits of current therapies for COPD. 	<p>Multiple choice exams (summative) Quiz (formative)</p>

	<p>Respiratory Session: Lung Cancer (large group) (PC7, MK2, MK3, MK4, MK7, SHS4)</p> <ul style="list-style-type: none"> Analyze statistical data related to lung cancer incidence and global impact. Identify risk factors related to smoking. Compare lung cancer pathologies. Identify ways to screen for lung cancer. <p>Respiratory Session: Smoking Cessation (large group) (PC7, MK4, MK7, SHS4)</p> <ul style="list-style-type: none"> Identify the most effective treatments for smoking cessation. Identify resources to help patients quit smoking. 	
<p>Patient Centered Care Course 2</p>	<p>Session: Motivational Interviewing (small group) (PC7, PC8, IC1)</p> <ul style="list-style-type: none"> Review the theoretical principles and practical components of motivational interviewing (MI). Practice tobacco cessation counseling utilizing motivational interviewing on a standardized patient. <p>Session: Inter-professional Oral Health (small group) (PC1, PC2, IC1)</p> <ul style="list-style-type: none"> List the steps of the Qualis Oral Health delivery framework, including inquiry about social factors such as tobacco use. List what risk factors are associated with oral cancers (tobacco, alcohol use, sexual history). List oral pathologies to include in history-taking. Perform an oral health screen, including a head and neck exam, using correct tools. Identify appropriate responses for oral screen findings. 	<p>Clinical Skill Encounter</p>
<p>MTEC 103 Medical Science 3</p>	<p>Human Behavior in Health and Disease Session: Substance Abuse Part 1 (large group, small group, patient panel) (PC5, PC6, MK3, MK4, MK5, MK7, SHS3, SHS4)</p> <ul style="list-style-type: none"> Explain the epidemiology of illicit substance use, including opioids, alcohol, nicotine, and marijuana. <p>Human Behavior in Health and Disease Session: Substance Abuse Part 2 (large group, small group, patient panel) (PC6, PC7, MK3, MK4, MK5, MK7, SHS3, SHS4)</p> <ul style="list-style-type: none"> Identify the medical effects, drug interactions, and treatment options of tobacco use (smoking, vaping, oral). 	<p>Multiple Choice Exam (summative) Quiz (formative) Module completion (summative)</p>

Application Phase

Course	Topics, Enabling Competencies & Learning Objectives	Assessments
Care of Specific Populations Course: Psychiatry	Objectives are forthcoming	
Community Based Longitudinal Care	Session: COPD (small group) (PC4, PC5, PC6, PC7, MK4, MK5, MK7, SHS4) <ul style="list-style-type: none"> Identify risk factors, diagnostic tools, appropriate staging and treatment for asthma and COPD. 	TBL exercise - Individual Readiness Assessment Test (IRAT) & Group Readiness Assessment Test (GRAT)

Individualization Phase

Course	Topics, Enabling Competencies & Learning Objectives	Assessment
Advanced Clinical Selective 1 and 2	Daily Clinical Work (clinical) (PC5, PC7, MK4, SH4) <ul style="list-style-type: none"> Demonstrate the ability to evaluate a patient with undifferentiated signs and symptoms to generate an appropriate differential diagnosis and treatment plan for common clinical scenarios. Recommend appropriate preventative care to patients throughout the life span. Identify or discuss interventions to reduce the impact of disease determinants (or improve the likelihood of health improvements) in the care of individual patients. 	Clinical Case Oral Exam (focus on Tobacco Use)