



UNIVERSITI TEKNOLOGI MARA

BHS415: Pathophysiology For Health Sciences

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| Course Name (English) | Pathophysiology For Health Sciences APPROVED | | | | |
| Course Code | BHS415 | | | | |
| MQF Credit | 2 | | | | |
| Course Description | This course is offered to all health sciences programs which may require knowledge on disease mechanisms. Topics are divided into two categories: general disease mechanisms (including inflammation, tissue injuries and healing processes, neoplasia and genetics influence on diseases) and systemic disease mechanisms which cover all the systems in the body (including gastrointestinal tracts and its accessory organs, endocrine, cardiovascular and respiratory systems). Class sessions will include lectures and discussion while students will be assessed for their cognitive and soft skills abilities (critical thinking and teamwork). Cognitive assessment consists of two tests and one final examination paper. The soft skills assessment will be in the form of a written assignment or case studies and a group project. | | | | |
| Transferable Skills | Knowledge, critical thinking and teamwork | | | | |
| Teaching Methodologies | Lectures, Inquiry-based Learning | | | | |
| CLO | CLO1 1. Discuss the pathophysiological changes in diseases related to clinical practice CLO2 2. Demonstrate a teamwork effort in proposing a basic investigation process in diagnosing a disease | | | | |
| Pre-Requisite Courses | No course recommendations | | | | |
| Reading List | <table border="1"><tr><td>Recommended Text</td><td>• Gould BE & Dyer RM, <i>Pathophysiology for the Health Professions</i>, Saunders Elsevier</td></tr><tr><td>Reference Book Resources</td><td>• McPhee SJ & Ganong WF, <i>Pathophysiology of Disease – An Introduction to Clinical Medicine</i>, McGraw Hill • Damjanov I, <i>Pathophysiology</i>, Saunders • Underwood JCE & Cross SS, <i>General and Systematic Pathology</i>, Churchill Livingstone Elsevier • Kemp WL, Burns DK & Brown TG, <i>The Big Picture Pathology</i>, McGraw Hill Lange</td></tr></table> | Recommended Text | • Gould BE & Dyer RM, <i>Pathophysiology for the Health Professions</i> , Saunders Elsevier | Reference Book Resources | • McPhee SJ & Ganong WF, <i>Pathophysiology of Disease – An Introduction to Clinical Medicine</i> , McGraw Hill • Damjanov I, <i>Pathophysiology</i> , Saunders • Underwood JCE & Cross SS, <i>General and Systematic Pathology</i> , Churchill Livingstone Elsevier • Kemp WL, Burns DK & Brown TG, <i>The Big Picture Pathology</i> , McGraw Hill Lange |
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| Article/Paper List | This Course does not have any article/paper resources | | | | |
| Other References | This Course does not have any other resources | | | | |

