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<tr><td>Semester and Level</td><td colspan="6">Semester 2; Level 05</td></tr>
<tr><td>Course Code</td><td colspan="6">ZYU5305</td></tr>
<tr><td>Course Title</td><td colspan="6">Human biology</td></tr>
<tr><td>Credit value</td><td colspan="6">03</td></tr>
<tr><td>Core/Optional</td><td colspan="6">Optional</td></tr>
<tr><td>Prerequisites</td><td colspan="6">No course prerequisites; Level perquisites apply</td></tr>
<tr><td rowspan="2">Hourly Breakdown</td><td colspan="2">Theory</td><td>Practical</td><td>Independent Learning</td><td>Assessments</td><td>Total</td></tr>
<tr><td>42 hrs (21 Sessions)</td><td>12 hrs (4 x 3 hrs DSs)</td><td>21 hrs (Lab 3.5 days x 6 hrs)</td><td>78.5 hrs (Sessions [63 hrs] + Practical [10.5 hrs] + Online [5 hrs]</td><td>03 hrs (2 NBTs x 1 hr + PA x 0.5 hrs + online test 0.5 hrs)</td><td>156 hrs</td></tr>
<tr><td>Course Aim/s</td><td colspan="6">To provide a better understanding of who humans are and to develop a deeper understanding of the structure and function of human body.</td></tr>
<tr><td>Programme Learning Outcomes (PLO) addressed by course</td><td colspan="6">• PLO1: Knowledge
• PLO2: Problem Analysis
• PLO3: ICT Literate
• PLO4: Individual and Team Work
• PLO5: Communication</td></tr>
<tr><td>Course Learning Outcomes (CLOs):</td><td colspan="6">Upon completion of this course, students will be able to:
• CLO1: Identify characteristics that make humans unique while recognizing features they share with other animals and how humans individually vary from each other (PLO1,3, 4)
• CLO2: Evaluate the basic biological flexibility that permit humans to live in any environment (PLO1,3)
• CLO3: Demonstrate deeper knowledge in the anatomy and function of major human organs and organ systems and describe various human disorders (PLO1, 3,4)
• CLO4: Demonstrate practical skills in understanding of the structure and function of the human (PLO2,3)
• CLO5: Apply critical thinking skills to analyse and interpret problems related to human biology (PLO2,3)
• CLO6: Communicate effectively in written assignments (PLO5)</td></tr>
<tr><td>Content (Main topics, sub topics)</td><td colspan="6">Content is covered in 02 Blocks (6 units).
• Unit 1: Human identity – deals with what it means to be part of the species Homo sapiens sapiens. Students will learn about what characteristics differentiate humans from the rest of the animal kingdom and what factors differentiate humans from each other
• Unit 2: Support and movement - deals with how the human body obtains it shape and form through the integumentary and skeletal systems and how it exhibits a vast variety of movements together with muscles
• Unit 3: Integration and co-ordination – deals with how the nervous and endocrine systems together function as a regulatory system of the body
• Unit 4: Processing and transporting – deals with processes such as nutrition, respiration, circulation and excretion
• Unit 5: Human continuity – deals with how the human reproductive systems are designed to create a new generation and how humans have been able to control reproduction; also deals with human development
• Unit 6: Human against disease – deals with communicable, non-communicable and genetic diseases affecting humans and how we overcome them through non specific and specific immune mechanisms</td></tr>
<tr><td>Teaching-Learning methods</td><td colspan="6">• Self- learning: Course material in print (21 Sessions), Online components - provides discussion fora to prove opportunity to discuss issues, concerns and share learning experiences with peers and staff, assignments, further learning opportunities
• Compulsory contact sessions: Laboratory classes provides hands-on experience in the study of human anatomy and physiology
• Non-compulsory contact sessions – 4 Day schools, including revision day school
• Continuous assessments: 2 CATs + 1 Practical Assessment (PA) + 1 online assessment
• Final examination – 01 theory paper</td></tr>
<tr><td rowspan="2">Assessment Strategy</td><td colspan="5">Overall CA Mark (OCAM): 40%</td><td>Final Assessment: 60%</td></tr>
<tr><td colspan="5">Theory (70%): NBT: MCQ/Structured – 2x 1 hrs
Practical (30%): PA (Spot test) – 0.5 hrs -
OCAM Computation:50% best NBT + 20% other NBT + 30% PA (25% spot + 05% OA); (min 30% and attendance compulsory for lab)</td><td>Theory: 100%

1 paper (Essay) – 2 hrs</td></tr>
<tr><td>Recommended Reading</td><td colspan="6">1. Principles of Anatomy and Physiology, 15th edition (2016) GJ Totora & B. Derrickson, Wiley Publishers</td></tr>
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