

# The $\Phi$ Hippocratic $\Phi$ Institute

*Wherever the art of medicine is loved, there is also a love of humanity*



## Medical Sciences Certificate

### Learning Program

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MAcS, BSc(Hons), M.H, N.D

## **1. Introduction**

This foundation degree-level, 12-18-month (425 hours) education program is designed to provide the theoretical foundation in anatomy, physiology, pathology & disease, in order to access advanced professional health practitioner courses. The course will be delivered in a mixed, (substantially) distance-learning and (clinical) attendance method. The assessment system will involve coursework assignments, a practicum, case studies and end of module tests. There will be a clinical examination skills weekend seminar. The assessment system will involve coursework assignments, end of module tests and an OSCE clinical exam.

## **2. Prerequisites**

None, although some science training (GCSE or school-level science) would be preferable. The course is delivered in medical English, so proficiency in English language skills and basic numeracy is expected. Again, GCSE or school-level English & Maths would be preferred pre-requisites, but appropriate exceptions can be made.

## **3. Progression**

The Medical Sciences certificate is part of an umbrella of related courses offered at The Hippocratic Institute, including:

- |       |                                      |                                      |
|-------|--------------------------------------|--------------------------------------|
| (i)   | Medical Sciences Certificate         | - foundation degree-level equivalent |
| (ii)  | Naturopathic Nutrition Diploma (N.D) | - undergraduate degree-level equiv.  |
| (iii) | Master Herbalist Diploma (M.H)       | - postgraduate level equivalent      |

The appropriate academic progression would be to start with the Medical Sciences certificate, and then the Naturopathic Nutrition diploma. From there, students can access the Master Herbalist diploma.

## **4. Course Objectives**

A major thrust of the course is to provide a solid clinical basis for future training as a health therapist. The emphasis is on thoroughness and accuracy, whilst keeping sight of the whole patient. Safety, competence and red flag signs & symptoms will be reinforced (particularly through the assessment structure). Students at the Hippocratic Institute remain within the scope of their complementary practice and do not seek to emulate or oppose medical treatment. The Medical Sciences certificate does not qualify students for licensed work as a health practitioner.

## 5. Key Information

<b>Course Title</b>	<b>Naturopathic Nutrition Diploma</b>	
Course Registration Body	The International Practitioners of Holistic Medicine (IPHM) Complementary Medicine Association (CMA) Balens or Westminster Global Insurance	
Tutor / Assessor	Andy Patterson	Doctor of Naturopathy & Biomedicine Lecturer Executive Member of IPHM
Contact Time	425 Hours	395 hrs contact time & directed study 30 hrs Clinical Examination Skills
Duration	The course is self-paced and can be completed in one academic year, 12 or 18 months depending on the student's other commitments. The teaching component needs to be completed within 2 years of starting the course. An annual extension fee of £50 can be paid to continue the course.	
Contact Details	Web:	<a href="https://hippocratic.institute/">https://hippocratic.institute/</a> Email: <a href="mailto:the.hippocratic.institute@gmail.com">the.hippocratic.institute@gmail.com</a>

## 6. Total Qualification Time

Please Note: 10 hours of Guided Study = 1 CPD Credit

<b>Course Component</b>	<b>Guided Learning Hours (GLH)</b>
Modules 1- 33 Online Study (Reading, Note-taking, Webinars, etc)	225
Modular Coursework & End of Unit tests	130
Monthly group tutorials and 1:1 meetings	40
Clinical Examination Online Masterclass (14 hours) & Attendance (16 hours)	30
<b>Total (minimum)</b>	<b>425</b>

## 7. Extension Activities

Many opportunities exist for academic extension at the college, with additional activities and practical engagement often being recommended in the course material.

The Hippocratic Institute is also partnered with Herbalists Without Borders (HWB), a non-profit global network which provides compassionate holistic care to communities and countries in need impacted by natural disasters, violent conflicts, poverty, trauma and other access barriers to health and wellness. Medical Sciences students are strongly encouraged to participate in further HWB initiatives which form part of college activities, since HWB work is not limited to medical herbalists, and many crossover projects are possible.

## 8. Medical Sciences Certificate in Detail

Course Breakdown			Assessment	Weighting
Online Learning & End of Unit Assessments	255 hrs	Students will have access to all course and learning materials online. The course is available in six parts. Students are required to complete clinically-orientated multiple-choice tests in order to monitor progress and contribute to the final mark. These will be submitted online.	Summative	50% of overall mark
Coursework	100 hrs	Coursework is submitted in addition to end-of-unit multiple choice tests. Most lessons include word-play exercises designed to test knowledge, and Anatomy Colouring Book exercises to build an image library to accompany the course notes. Feedback will be given.	Summative & Formative	25% of overall mark
Monthly tutorials and 1:1 sessions	40 hrs	The online learning environment permits 18 monthly group tutorials and one 1:1 session per course segment (4 in total).	N/A	80% attendance required
Clinical Examination Skills	30 hrs	Comprises 14 hrs Online Masterclass & 2-day attendance seminars with OSCE exams (16 hrs)	Summative OSCE & Formative	25% of overall mark
Certification				
Distinction 80% - 100% Merit 70% - 79% Pass 60% - 69%		Upon successful completion students will receive their certificates through the post within a 2 to 4-week time frame.		

## 9. Recommended Books

Note: Books in **red** are essential (required) texts.

All others are enthusiastically recommended!

**Anatomy & Physiology in Health & Illness (13th Edition)- Ross & Wilson, 2018**

**The Concise Human Body Book- Steve Parker (DK Books), 2019**

**McLeods Clinical Examination (14th Edition) – Alistair Innes, 2018**

Pathophysiology for the Health Professions (6th Edition)- Barbara E Gould, 2018

The Anatomy Colouring Book (2nd Edition)– Kapit & Elson, 2013

Anatomy & Physiology for Nurses (14th Edition)- Roger Watson, 2018

Understanding Disease- John Ball, 2009

## 10. Key to Syllabus Colour Coding

The course is delivered in six parts.

Part	Modules
1. Foundations of Medical Sciences	1. Introduction to Medical Sciences 2. Physiological chemistry and processes 3. Cells & Tissues 4. Pathological Processes
2. Body Systems: Circulatory Systems	5. Cardiovascular A&P 6. Blood Disorders 7. Cardiovascular P&D 8. Lymph and Immunity A&P 9. Lymphatic P&D 10. Immune Diseases
3. Body Systems: Intake & Elimination	11. Respiratory A&P 12. Respiratory P&D 13. Digestive A&P 14. Metabolism 15. Digestive P&D 16. Urinary A&P 17. Urinary P&D
4. Body Systems: Co-ordination & Control	18. Nervous A&P 19. Nervous P&D 20. Psychological Disorders 21. Special Senses A&P 22. Special Senses P&D 23. Endocrine A&P 24. Endocrine P&D
5. Body Systems: Protection & Survival	25. Skin A&P and P&D 26. Skeletal System A&P 27. Muscular System A&P 28. Musculoskeletal Disorders 29. Reproductive A&P 30. Life Stages & Paediatric conditions 31. Reproductive P&D
6. Finally	32. Pharmacology 33. Clinical Examination

## Medical Sciences Certificate – Scheme of Work

Lesson	Learning Objectives	Topics Covered	Activities	Assessment
1. Introduction to Medical Sciences	By the end of this module, students will be able to demonstrate knowledge and understanding of medical terminology, imaging, body systems and gross anatomy. They will be able to relate this to functional physiology (information processing, homeostasis, movement, body fluids) in preparation for subsequent topics.	Intro Imaging the Body Anatomy & Body organisation Body Systems Support & Movement Information Processing The Fluid Body Equilibrium (Homeostasis)	Reading: DK pg.8-23 R&W ch1  Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple choice
2. Physiological chemistry and processes	By the end of this module, students will be able to demonstrate knowledge and understanding of foundational chemistry plus macromolecules, and be able to relate this information to examples of anatomy, physiology, pathology & disease, in preparation for subsequent topics.	Atoms, molecules, compounds Acids, bases & pH Carbohydrates Amino acids & proteins Lipids Nucleotides Enzymes Homeostasis Homeostatic imbalance Body fluids Movement of substances Fluid compartments	Reading: R&W ch2, pg.27-39 Mader & Windelspecht ch2 Chemistry of Life, pg.1-24  Lesson brief Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice

3. Cells & Tissues	By the end of this module, students will be able to demonstrate knowledge and understanding of cells structure, function and biochemistry, and be able to relate this information to examples of anatomy, physiology, pathology & disease, in preparation for subsequent topics.	Body Systems to Cells The Cell DNA The Genome Specialised Cells & Tissues	Reading: DK pg.24-36 Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice
4. Pathological Processes	By the end of this module, students will be able to demonstrate knowledge and understanding of cells structure, function and biochemistry, and be able to relate this information to pathological processes, in preparation for subsequent topics.	Cell Cycle Common cellular adaptations Cell damage & necrosis Neoplasm & Tumours Inflammation Acute & chronic Superficial & deep	Reading: Gould ch2 R&W pg.57-59 Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice
5. Cardiovascular A&P	By the end of this module, students will be able to demonstrate knowledge and understanding of cardiovascular system anatomy & physiology. They will be able to analyse, interpret & apply this knowledge to unfamiliar medical information to show competency.	Cardiovascular Anatomy Blood & Blood vessels Heart Structure Cardiac cycle Control of Heart beat	Reading: DK pg.144-156 Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice
6. Blood Disorders	By the end of this module, students will be able to demonstrate knowledge and understanding of blood disorders. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.	Anaemias Polycythaemia Leukopenia Leucocytosis Leukaemia Haemorrhagic disorders Red Flags	Reading: R&W ch 4. Pg.73-79  Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice

7. Cardiovascular P&D	By the end of this module, students will be able to demonstrate knowledge and understanding of the cardiovascular system pathology & disease. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.	Shock Aneurysm Thrombosis & Embolism Venous thrombosis Varicose veins Tumours of blood & Lymph vessels Oedema, Effusion & Ascites Arrhythmia Hypertension Hypotension Myocardial infarction Atherosclerosis Angina Valve disorders Heart Failure Rheumatic heart disease Infective endocarditis Congenital anomalies Red Flags	Reading: R&W ch 5  Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice
8. Lymph and Immunity A&P	By the end of this module, students will be able to demonstrate knowledge and understanding of lymphatic and immune system anatomy & physiology. They will be able to analyse, interpret & apply this knowledge to unfamiliar medical information to show competency.	Lymph & immune Systems Immune System Inflammatory Response Fighting Infections	Reading: DK pg.190-208  Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice



9. Lymphatic P&D	By the end of this module, students will be able to demonstrate knowledge and understanding of lymphatic system pathology & disease. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.	Spread of disease Lymphatic obstruction Lymphadenitis Lymphomas Splenomegaly Thymus gland pathologies Red Flags	Reading: R&W ch 6  Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice
10. Immune Diseases	By the end of this module, students will be able to demonstrate knowledge and understanding of immune system pathology & disease. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.	Hypersensitivity (allergy) Autoimmune disease Immunodeficiency Infectious diseases: Childhood illnesses Chronic infectious diseases Historical diseases Red Flags	Reading: Gascgoine ch5, pg.45-76  Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice
11. Respiratory A&P	By the end of this module, students will be able to demonstrate knowledge and understanding of respiratory system anatomy & physiology. They will be able to analyse, interpret & apply this knowledge to unfamiliar medical information to show competency.	Respiratory Anatomy Lungs – gross & microscopic structure Gas Exchange Breathing & Vocalisation Control of breathing	Reading: DK pg.160-172  Lesson brief A&P Colouring Book Wordplay exercises Webinar	A&P Colouring Wordplay Multiple Choice
12. Respiratory P&D	By the end of this module, students will be able to demonstrate knowledge and understanding of respiratory system diseases. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.	Upper respiratory infections & inflammatory disorders Obstructive lung disorders Restrictive disorders Lung infections Lung tumours Lung collapse Red Flags	Reading: R&W ch 10, pg.284-294  Lesson brief A&P Colouring Book Wordplay exercises Webinar	A&P Colouring Wordplay Multiple Choice

13. Digestive A&P	By the end of this module, students will be able to demonstrate knowledge and understanding of digestive system anatomy & physiology. They will be able to analyse, interpret & apply this knowledge to unfamiliar medical information to show competency.	Digestive system anatomy Mouth & throat Stomach Small intestine Liver, gallbladder, pancreas Large intestine Digestion	Reading: DK pg.210-232 Lesson brief A&P Colouring Wordplay Multiple Choice	A&P Colouring Wordplay Multiple Choice
14. Metabolism	By the end of this module, students will be able to demonstrate knowledge and understanding of metabolism of digestive endproducts. They will be able to analyse, interpret & apply this knowledge to unfamiliar medical information to show competency.	Nutrients & metabolism Carbohydrate metabolism Protein metabolism Fat metabolism	Reading: DK pg.232 R&W ch12 pg.341-347 Lesson brief A&P Colouring Wordplay Multiple Choice	A&P Colouring Wordplay Multiple Choice
15. Digestive P&D	By the end of this module, students will be able to demonstrate knowledge and understanding of digestive system diseases. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.	Diseases of the mouth Diseases of the pharynx Salivary gland diseases Oesophageal diseases Stomach diseases Intestinal diseases Pancreatic diseases Hepatic disease Diseases of the gallbladder & bile ducts Red Flags	Reading: R&W ch 12, pg.348-366  Lesson brief A&P Colouring Wordplay Multiple Choice	A&P Colouring Wordplay Multiple Choice

16. Urinary A&P	By the end of this module, students will be able to demonstrate knowledge and understanding of digestive system anatomy & physiology. They will be able to analyse, interpret & apply this knowledge to unfamiliar medical information to show competency.	Urinary Anatomy Kidney gross structure Kidney microstructure Kidney ultrafiltration Urine formation Control of fluid balance	Reading: DK pg.240-248 Lesson brief A&P Colouring Wordplay Multiple Choice	A&P Colouring Wordplay Multiple Choice
17. Urinary P&D	By the end of this module, students will be able to demonstrate knowledge and understanding of digestive system diseases. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.	Glomerulonephritis Nephrotic syndrome Diabetic nephropathy Hypertension & kidneys Acute pyelonephritis Reflux nephropathy Acute kidney injury Chronic kidney disease Renal calculi Congenital kidney anomalies Kidney tumours Kidney obstruction Urinary tract infections Bladder tumours Urinary incontinence Red Flags	Reading: R&W ch 13, pg.383-390  Lesson brief A&P Colouring Wordplay Multiple Choice	A&P Colouring Wordplay Multiple Choice

18. Nervous A&P	By the end of this module, students will be able to demonstrate knowledge and understanding of nervous system anatomy & physiology. They will be able to analyse, interpret & apply this knowledge to unfamiliar medical information to show competency.	Nervous System Nerves & Neurones Nerve Impulse transmission Brain Brain structures The primitive brain Spinal Cord Peripheral Nerves Autonomic Nervous System Memories, thoughts & emotions	Reading: DK pg.76-110  Lesson brief A&P Colouring Book Wordplay exercise Webinar	A&P Colouring Wordplay Multiple Choice
19. Nervous P&D	By the end of this module, students will be able to demonstrate knowledge and understanding of nervous system pathology & disease. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.	Brain disorders CNS Infections Demyelinating diseases Spinal cord diseases PNS diseases Developmental abnormalities Nervous system tumours Red Flags	Reading: R&W ch 7  Lesson brief A&P Colouring Wordplay exercises Multiple Choice	A&P Colouring Wordplay Multiple Choice

<p>20. Psychological Disorders</p>	<p>By the end of this module, students will be able to demonstrate knowledge and understanding of psychological disorders. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.</p>	<p>Classification of psychological disorders  Anxiety neurosis  Phobic neurosis  Hysterical neurosis  Obsessional neurosis  Depressive neurosis  Delirium  Dementia  Schizophrenia  Manic-depressive disorder  Eating disorders  Classifications of the personality  Mental State Examination  Red Flags</p>	<p>Gascgoine ch16  - Summary notes   McLeod pg.17   Lesson brief  Wordplay exercises  Multiple Choice</p>	<p>Wordplay  Multiple Choice</p>
<p>21. Special Senses  A&amp;P</p>	<p>By the end of this module, students will be able to demonstrate knowledge and understanding of sensory anatomy &amp; physiology. They will be able to analyse, interpret &amp; apply this knowledge to unfamiliar medical information to show competency.</p>	<p>Smell, taste &amp; touch  Ears, hearing &amp; balance  Eyes &amp; vision</p>	<p>Reading:  DK pg.112-124   Lesson brief  A&amp;P Colouring  Wordplay exercises  Multiple Choice  A&amp;P Colouring Book  Wordplay exercises  Webinar</p>	<p>A&amp;P Colouring  Wordplay  Multiple Choice</p>

<p>22. Special Senses P&amp;D</p>	<p>By the end of this module, students will be able to demonstrate knowledge and understanding of sensory disorders. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.</p>	<p>Hearing Loss Ear infections Labyrinthitis Motion sickness Eye inflammatory conditions Glaucoma Strabismus Presbyopia Cataract Retinopathies Retinal detachment Retinitis pigmentosa Tumours Refractive errors of the eye Red Flags</p>	<p>Reading: R&amp;W ch 8, pg.226-232</p> <p>Lesson brief A&amp;P Colouring Wordplay exercises Webinar</p>	<p>A&amp;P Colouring Wordplay Multiple Choice</p>
<p>23. Endocrine A&amp;P</p>	<p>By the end of this module, students will be able to demonstrate knowledge and understanding of endocrine system anatomy &amp; physiology. They will be able to analyse, interpret &amp; apply this knowledge to unfamiliar medical information to show competency.</p>	<p>Endocrine anatomy Hormone producers Hormonal action</p>	<p>Reading: DK pg.130-138</p> <p>Lesson brief A&amp;P Colouring Wordplay exercises Webinar</p>	<p>A&amp;P Colouring Wordplay Multiple Choice</p>
<p>24. Endocrine P&amp;D</p>	<p>By the end of this module, students will be able to demonstrate knowledge and understanding of endocrine system diseases. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.</p>	<p>Disorders of pituitary gland Disorders of thyroid gland Disorders of parathyroid gland Disorders of adrenal cortex Disorders of adrenal medulla Disorders of pancreatic islets Red Flags</p>	<p>Reading: R&amp;W ch 9, pg.249-258</p> <p>Lesson brief A&amp;P Colouring Wordplay exercises Webinar</p>	<p>A&amp;P Colouring Wordplay Multiple Choice</p>

25. Skin A&P and P&D	By the end of this module, students will be able to demonstrate knowledge and understanding of integumentary system anatomy, physiology, pathology & disease. They will be able to analyse, interpret, organise, and evaluate this information to explain and differentiate a range of diseases.	Skin, hair & nail structure Skin & epithelial tissues Skin infections Non-infective inflammatory skin conditions Pressure ulcers Burns Malignant tumours Red Flags	Reading: DK pg.176-188 R&W pg.403-405  Lesson brief A&P Colouring Wordplay exercises Webinar	A&P Colouring Wordplay Multiple Choice
26. Skeletal System A&P	By the end of this module, students will be able to demonstrate knowledge and understanding of skeletal system anatomy & physiology. They will be able to analyse, interpret & apply this knowledge to unfamiliar medical information to show competency.	Skeleton Bone Structure Joints Skull Spine Ribs & Pelvis Hands & Feet	Reading: DK pg.38-56  Lesson brief A&P Colouring Wordplay exercises Webinar	A&P Colouring Wordplay Multiple Choice
27. Muscular System A&P	By the end of this module, students will be able to demonstrate knowledge and understanding of muscular system anatomy & physiology. They will be able to analyse, interpret & apply this knowledge to unfamiliar medical information to show competency.	Muscles of the Body Muscles of the face, head & neck Muscles & tendons Muscle contraction	Reading: DK pg. 62-74  Lesson brief A&P Colouring Wordplay exercises Webinar	A&P Colouring Wordplay Multiple Choice

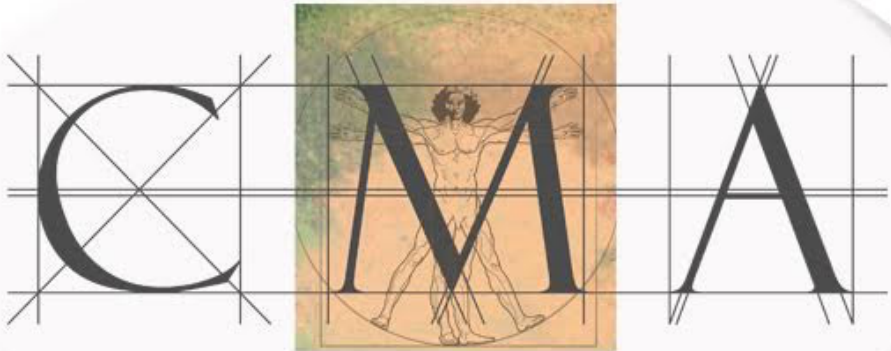
<p>28. Musculoskeletal Disorders</p>	<p>By the end of this module, students will be able to demonstrate knowledge and understanding of musculoskeletal disorders. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.</p>	<p>Osteoporosis  Paget's Disease  Rickets &amp; Osteomalacia  Osteomyelitis  Bone developmental abnormalities  Bone tumours  Inflammatory joint diseases  Osteoarthritis  Traumatic injury to joints  Gout  Connective tissue diseases  Carpal tunnel syndrome  Myasthenia gravis  Muscular dystrophies  Red Flags</p>	<p>Reading:  R&amp;W pg.468-473</p> <p>Lesson brief  A&amp;P Colouring  Wordplay exercises  Webinar</p>	<p>A&amp;P Colouring  Wordplay  Multiple Choice</p>
<p>29. Reproductive A&amp;P</p>	<p>By the end of this module, students will be able to demonstrate knowledge and understanding of reproductive system anatomy &amp; physiology. They will be able to analyse, interpret &amp; apply this knowledge to unfamiliar medical information to show competency.</p>	<p>Male reproductive system  Female reproductive system  Conception to embryo  Foetal development  Preparing for birth  Labour  Delivery  After the birth</p>	<p>Reading:  DK pg. 250-272</p> <p>Lesson brief  A&amp;P Colouring  Wordplay exercises  Webinar</p>	<p>A&amp;P Colouring  Wordplay  Multiple Choice</p>



<p>30. Life Stages &amp; Paediatric conditions</p>	<p>By the end of this module, students will be able to demonstrate knowledge and understanding of the anatomy &amp; physiology of life changes. They will be able to analyse, interpret &amp; apply this knowledge to unfamiliar medical information to show competency.</p>	<p>Growth &amp; Development</p> <p>Paediatric conditions:</p> <ul style="list-style-type: none"> <li>• Cot death</li> <li>• Failure to thrive</li> <li>• Febrile convulsion</li> <li>• Undescended testis</li> <li>• Infantile phlegmy</li> <li>• Colic</li> <li>• ADHD</li> </ul> <p>Puberty Aging Patterns of Inheritance Red Flags</p>	<p>Reading: DK pg. 250-272 Gascgoine ch19, pg.377-384</p> <p>Lesson brief A&amp;P Colouring Wordplay exercises Webinar</p>	<p>A&amp;P Colouring Wordplay Multiple Choice</p>
<p>31. Reproductive P&amp;D</p>	<p>By the end of this module, students will be able to demonstrate knowledge and understanding of reproductive disorders. They will be able to analyse, organise, and evaluate this information to explain and differentiate a range of diseases.</p>	<p>Infections of the reproductive tract Pelvic inflammatory disease Disorders of the uterus Uterine tubes and ovaries Female infertility Disorders of the breast Infections of the penis Infections of the urethra Disorders of the epididymis &amp; testes Disorders of the prostate gland Disorders of the male breast Male infertility Red Flags</p>	<p>Reading: R&amp;W pg. 505-510</p> <p>Lesson brief A&amp;P Colouring Wordplay exercises Webinar</p>	<p>A&amp;P Colouring Wordplay Multiple Choice</p>

32. Pharmacology	By the end of this module, students will be able to demonstrate knowledge and understanding of pharmacological interventions. They will be able to analyse, organise, and evaluate this information to explain pharmacological treatment of a range of diseases.	<p>Pharmacological nomenclature Drug interactions Drug administration</p> <p>Antibiotics; Antacids; Antispasmodics; Laxatives; Cardiac glycosides; Calcium channel blockers; Diuretics; Beta blockers; ACE inhibitors; Nitrates; Anticoagulants; Statins; Diabetes drugs; Antihistamines; Epinephrine; Bronchodilators &amp; steroid inhalers; Leukotriene receptor antagonists; Corticosteroids; NSAIDs; Analgesics; Anxiolytics; Antidepressants; Antiepileptics; Thyroid drugs; Hormone therapy; Chemotherapy</p>	<p>Lesson brief Wordplay exercises Webinar Multiple Choice Case study</p>	<p>Wordplay Multiple Choice Case study</p>
33. Clinical Examination	<p>Throughout this parallel module, students will be able to demonstrate knowledge and understanding of clinical examinations used in medicine. They will be able to conduct a clinical examination and suggest a possible differential diagnosis. They will identify Red Flags and know when to refer.</p> <p>Each segment is taught in tandem with its related unit, e.g., Respiratory clinical examination skills with Respiratory system. The module (and the course) concludes with a 2-day attendance seminar where clinical examination skills are demonstrated, practiced, and examined using the OSCE format.</p>	<p>Introduction to Clinical Examination The patient questionnaire Limitations &amp; scope of practice Vital Signs Benecheck, Kardia &amp; Urinalysis Abdominal exam Cardiovascular exam Respiratory system exam Cranial nerves Mental State Exam (MSE) Motor &amp; Sensory Neurological exams Thyroid &amp; neck swelling exam Patellar reflexes Otoscopy Ophthalmoscopy Skin &amp; Swellings examination Summary of Red Flags</p>	<p>Lesson brief Clinical videos Webinars Wordplay Multiple Choice Case study</p>	<p>Wordplay Multiple Choice Case study OSCE Exam</p> <p>OSCE: two random clinical examinations will be selected under continuous assessment during the weekend, with prompts if necessary.</p>

REGISTERED COLLEGE



THE COMPLEMENTARY MEDICAL ASSOCIATION



**IPHM**

Holistic Accreditation Board

**APPROVED  
Training Provider**

Approved by the International Practitioners  
of Holistic Medicine