



Student Handbook
Effective January 1, 2017



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NOTICE: The reader should take notice that while every effort is made to ensure the accuracy of the information provided herein, IUHS reserves the right to make changes at any time without prior notice. The University administration reserves the right, whenever advisable, (1) to change or modify its schedule of tuition and fees, and (2) to withdraw, cancel, reschedule or modify any course, program of study, or degree, or any requirement in connection with any of the foregoing. The University provides the information herein solely for the convenience of the reader and, to the extent permissible by law, expressly disclaims any liability that may otherwise be incurred



January 1, 2017

Dear Student

Welcome to the International University of the Health Sciences. This is an exciting time in medical education and we are honored to assist you in achieving your educational goals.

The *IUHS Student Handbook* is provided as a reference for information on the academic policies and programs offered at IUHS. The administrative policies and regulations of the University are also reviewed. In addition, the Handbook contains procedural policies for areas such as admissions, transfers, mentors, exams, procedure to obtain a leave of absence, academic standards, learning platforms, and graduation. The answers to many of your questions should be found within these pages. Please remember that this is a dynamic reference that will be subject to revision and change so we can offer the most effective and comprehensive educational programs.

It is very important that you familiarize yourself thoroughly with the contents of the Student Handbook and check for updates as you matriculate through our programs. It is your responsibility for understanding the policies, procedures and regulations of the University and your program of study.

The Board of Directors, faculty and staff of IUHS, wish you much success in your medical education pursuits and hope the journey will be very enriching.

Sincerely,

The IUHS Board of Directors, Faculty and Staff



IUHS Student Handbook

This January 1, 2017 edition of the Student Handbook supersedes all previous versions. The handbook is not a legal document. The IUHS student handbook is a dynamic reference intended to provide a general overview of policies and procedures.

This handbook has been prepared and is intended for the convenience of our students by the faculty and administrators of IUHS. Students are annually required to read and provide written acknowledgement of their understanding and acceptance of the current University governing policies, procedures and regulations.

The Mission of IUHS

The International University of the Health Sciences School of Medicine's mission is to transform the learning experience and underlying economics of medical education with the goal of addressing the global shortage, inequitable distribution, and demographic participation of healthcare professionals, especially in primary care.

The University's goals include redefining medical education to meet the needs of the global community. Ultimately, it is our ambition to educate medical professionals from within remote areas of the world. IUHS hopes to provide these global communities with the resources necessary to address the critical medical needs of their citizens. IUHS is dedicated to this mission.

To achieve this mandate IUHS is committed to provide a comprehensive educational platform that integrates technology with clinical practicum. The evolution of the virtual classroom combined with advances in virtual technology and adaptive learning tools provides IUHS with the ability to customize a student's education. Ultimately this model has been proven to increase understanding, long term retention of fundamental knowledge and reduce the unnecessary costs of a traditional medical education. Our academic imperative is to expand educational opportunity and access to medical education, improve teaching technology and content delivery and lower the cost of quality medical education. We want to expand opportunity to reach qualified and caring medical professionals and students who have a passion for their communities and a calling to the medical profession. We are confident the inclusion of competent



committed existing professionals along with eager young minds will serve the medical needs of the global community. IUHS encourages its graduates to participate in lifelong learning and the pursuit of evidence-based medical practice supporting advances in patient care, community service, research and education.

Students of IUHS

The students of IUHS represent a wide range of cultural, ethnic, racial, political and religious backgrounds and perspectives. In harmony and without prejudice our students work together in anonymity from locations throughout the world in an atmosphere of cooperation free of cultural bias and political fear. We seek to provide these students with an appreciation of the medical world throughout the globe.

The IUHS medical program is designed to ensure graduates have the ability to:

- Engage in productive professional partnerships with care team members to acquire, evaluate and effectively communicate information.
- Apply critical reasoning to medical care and reduce reliance on didactic educational methods.
- Apply understanding of illness to its prevention, identification, and management, and to the promotion of maintenance of health.
- Apply understanding of the practice of medicine in a community or population.
- Take responsibility for personal learning and the development of continuing education skills.
- Participate in lifelong learning and the pursuit of evidence-based medical practice supporting advances in patient care, community service, research and education.

Additionally, we hope our students gain an appreciation for the global medical community and utilize their abilities to promote advancement in patient care in their noble profession.



Accreditation

The International University of the Health Sciences is accredited by the Government of the Federation of St. Christopher & Nevis (St. Kitts), and is listed in the World Health Organization's (WHO) World Directory of Medical Schools, 7th Edition. The WHO listings are now maintained online by the University of Copenhagen in the Avicenna Directories. Because of IUHS being an Avicenna listed medical school, the US-based Educational Commission of Foreign Medical Graduates (ECFMG) permits our medical school students and graduates to sit for its licensing examinations (USMLE Steps 1 & 2); and the same situation applies in respect of the licensing process for most other countries (i.e. LMCC exams for Canada, PLAB exam for the United Kingdom, subject to residency requirements etc.). Upon completion of the registration process and necessary exams, ECFMG and its international division ECFMG/EICS will both 'credential' IUHS graduates. All the relevant documents and links are fully presented in the virtual library of the IUHS website.

Medical graduates seeking licensure in the United States, United Kingdom, Canada and elsewhere are urged to coordinate their licensing procedures with IUHS and the appropriate national/state Board of Medical Education and Licensure. Every jurisdiction (state/province or country) maintains and administers their own medical licensure requirements and there can be significant variations among the different boards. While IUHS will endeavor with best efforts to assist our students and graduates, it is ultimately the students' and graduates' responsibilities to determine and satisfy the licensing requirements of each individual state or country.



Admission Requirements

Applicants to IUHS must have a Bachelor Degree or 90 semester credit hours of college level study from an accredited U.S. or Canadian college or a Baccalaureate Degree or equivalent from an accredited university in another country. During their prior post-secondary education, it is expected that applicants have completed college level coursework with laboratory work in biology, inorganic chemistry, organic chemistry, mathematics and physics with an overall GPA of 3.0 or higher.

Candidates with a GPA less than 3.0 may be considered for admission if other accomplishments or work experience demonstrate superior aptitude. Candidates who have taken the Medical College Aptitude Test (MCAT) must submit their most recent scores with their admissions application. Candidates are encouraged to sit for the MCAT prior to enrolling, as MCAT scores are used to strengthen a candidate's application. Students with advanced degrees may use completed coursework to qualify for admission, but not for transfer credit, unless the degree or coursework was completed as a matriculated Doctor of Medicine degree student.

All applicants are required to complete the IUHS Application for Admission Form, submit a personal statement, provide a minimum of two letters of recommendation and a copy of a valid passport, pay an Application Fee of \$150 and be able to demonstrate proficiency in English. The letters of recommendation and sealed official transcripts must be sent directly from each source to the Admissions Office.

Admissions Committee

All applications are screened on the basis of the required academic criteria. Those who meet the criteria must participate in an Admissions interview. The Admissions Committee may require additional information and/or schedule additional interviews, if necessary. The Committee reserves the right to determine the applicability of any extraordinary circumstances and whether the candidate demonstrates the personal qualities characteristic of good physicians (e.g., motivation, commitment to a medical career, empathy, compassion, maturity and flexibility in dealing with problems). Acceptance is at the sole discretion of the Admissions Committee.



Letters of acceptance, provisional acceptance or non-acceptance will be electronically mailed within one week of the Admissions Committee reaching a decision. Accepted students are encouraged to forward their registration form and their first tuition fee payment within 30 days of acceptance in order to reserve a place in the upcoming class.

Unsuccessful applicants may reapply by repeating the admissions process but are encouraged to provide additional supporting documentation to reinforce their application.

Education Outside of the U.S.

Applicants from a non-North American jurisdiction and educational system should appreciate that IUHS will consider their credentials with reference to their local requirements to enter medical school.

If transcripts are not in English, a formal translation must be provided from World Education Services WES (www.wes.org). If English is not the applicant's native language or language of instruction, the applicant must submit results from the Test of English as a Foreign Language (TOEFL). The applicant must have earned a TOEFL score of at least 550 points (Paper-based Test and 78 points (IBT version)).

Students who do not have English as their primary language will receive special assistance starting from Block Zero to ensure that all their reading, writing and speaking communication skills will be at a high enough level to pass the USMLE Step examinations – with special emphasis on the use of English for Step 2 Clinical Skills.

Transferring into IUHS as a Pre-Clinical student

IUHS uses an active and problem based learning curriculum and organ systems approach in its pre-clinical (i.e. basic science) program. As a result, it is often difficult to assess equivalent credit for coursework done at other institutions. However, the School is willing to review a pre-clinical student's coursework provided it is from a WHO accredited allopathic medical school.

Transfer students may be offered the opportunity to prove fund of knowledge by taking IUHS block challenge exams commensurate with their coursework to determine placement and eligibility.



Students who have completed the entire two-year basic science curriculum at a WHO accredited allopathic medical school and have not passed the USMLE Step 1 are required to:

- Pass IUHS challenge exams for blocks 1 through 8.
- Complete Block 9 (USMLE preparation) and Block 10 (Clinical Preparation) and all related testing.

Students who have completed the entire two-year basic science curriculum at a WHO accredited allopathic medical school and have passed the USMLE Step 1 exam are:

- Required to prove competency in Clinical and Physical Examination Skills commensurate with our Block 10 program.
- Upon proof of clinical competency, eligible for transfer into the IUHS clinical program.

Transferring into IUHS as a Clinical Student

Students who seek to transfer from another accredited medical school's Clinical Program into the IUHS Clinical Medicine Program are required to have completed successfully Step 1, MCCEE or equivalent board exams to prove competency. Students who have not successfully passed these exams may be required to complete competency exams for each of the IUHS Blocks of study or a comprehensive exam at the discretion of the Dean of Academics. In addition, students may be required to complete a series of 8 Clinical Cases in a virtual format called DxR Clinician in order to prove Clinical, Physical Examination and documentation competency. The IUHS Admission Committee may require transfer students who lack hands-on experience to complete a clinical preparation course.

Transferees into the Clinical Medicine Program must enroll in IUHS for a minimum of 24 weeks of rotations. This minimum 24-week requirement provides IUHS clinical administrators with sufficient insight into the student's clinical performance to permit an accurate composition of a Medical Student Performance Evaluation (MSPE) and to assist with the residency application process.

In order to receive transfer credit, previous academic accomplishments must be verified by an official transcript for Basic Science courses and by completed evaluations for clinical clerkships. Any unverified Basic Science coursework or clinical clerkships will not be accepted and must be completed with IUHS.



Deferment of Admission:

Prior to the start of classes, accepted applicants may request to defer their admission to a later date. This is limited to no more than the next two intakes. Accepted applicants who do not enroll as students during the above noted period are considered to have deactivated their acceptances and must re-apply for admission. Applications for deferral must be made in advance of the start of classes and in writing to the Registrar.



Graduation and Exams

Graduation Requirements

Students who have fulfilled the following requirements will receive a Doctor of Medicine (MD) [or for non-North American graduates who request it, a Bachelor of Medicine, Bachelor of Surgery (MBBS)] degree:

IUHS Student Graduations Requirements 2017:

- Completion of the entire pre-clinical basic sciences curriculum, ICM, DxR and DAR assessments and Remediation exercises.
- Completion of a minimum of 80 weeks of clinical training.
- Passing of all IUHS examinations and assessments, Exit 1 and Exit 2.
- Passing the USMLE Step 1, Step 2CS, Step 2CK. For non-US based students, other similar exams such as the MCCEE, in Canada may be substituted with prior approval through the Academic Dean's Office.
- Non-North American students may apply to IUHS to write an internal Clinical Skills exam as a substitute for the USMLE Step 2CS. All IUHS graduates should be eligible to begin a post-graduate training program, similar to the US/ACGME Residency program.
- Specialized graduation programs for International students are coordinated with the Dean of Academic Affairs.
- Final approval for graduation from the Academic Graduation Committee, Registrar and Finance Department.
- Students whose English proficiency is in question and Intend to apply for residency in the United States or Canada, may be required to complete a live clinical skills prep course to ensure Spoken English Proficiency and interpersonal communication skills are acceptable to pass the relevant Board qualifying exams.



IUHS Canadian Graduation and Exam requirements 2017

How do the external US and Canadian licensing exams integrate into the IUHS MD program?

Though IUHS is accredited in St. Kitts and must meet the national standards the medical education program is guided by the curricular standards of the Liaison Commission for Medical Education (LCME) that sets the accreditation standard for North America. To this end the IUHS MD program includes either the United States Medical Licensing Exams (USMLE) Steps 1, 2 Clinical Knowledge (CK) and 2 Clinical Skills (CS) or the Medical Council of Canada (MCC) Evaluating Exam (EE), Qualifying Exam Part 1 (QE1) and the National Assessment Collaboration - Objective Structured Clinical Examination (NAC-OSCE). Students must take at least one set of these external national exams. The timing protocol of these exams is quite different and therefore they are done at different time points in the IUHS program. Likewise, the content expectations and format is also different and IUHS offers appropriate preparation for each exam.

MD Program Pre-requisites

Common admission process regardless of national origin or which external exams the student wishes to incorporate.

Degree Program Components

Preclinical Blocks, ICM, DAR Assessments, Sponsorship program, Clinical Clerkship rotations, Exit 1 and Exit 2 examinations or equivalent competency exams such as Step 1 and 2 CK and CS and MCCEE, NAC-OSCE and QE1

Graduation requirements

- All Students – Successful completion of all program components including DAR Assessments, remediation and Sponsorship requirements, plus the Exit 1 and Exit 2 and all ICM/DxR components.
- US students applying for residency - Successful completion of USMLE Steps 1, 2CK and 2 CS
- Canada - Successful completion of MCCEE and the NAC - OSCE. If a student has a low score on the MCCEE students are encouraged to take the QE1 exam to strengthen their residency application



- Specialized graduation programs for International students are coordinated with the Dean of Academic Affairs

Preclinical Program Outline

Blocks 0-8 with complimentary ICM* component

ICM

Integrated Clinical Medicine (ICM) consists of two components, the virtual patient encounters in the DxR Clinician interface and a mentorship to become oriented to basic clinical skills. Mentor hours and logs required of all students unless unable to locate a mentor. (Students who are unable to find a mentor must notify the ICM program director in Block 1 and receive permission to complete only the DxR portion of the program while doing the blocks.) Students are required to sign a waiver and agreement that they will participate in a clinical skills course arranged by IUHS at their own expense to fulfill this academic requirement. Upon successful completion of the ICM course the overall Block grade will be issued. Until all components are done the overall Block grade is incomplete. Grade reports indicate the component values.

Blocks 9 and 10 are combined as a comprehensive review program designed to achieve sponsorship and prepare for clinical rotations.

Block 9 incorporates a customized review and remediation using a program designed for IUHS students in collaboration with Firecracker. Academic Enhancement personnel support all sponsorship activities with office hours and Bi-weekly lectures that weaknesses identified by the DAR assessment exams. These insight and firecracker lectures are available to all students in the MD program and are held throughout the year.

Completion of all DAR 3 Remediation, Subject exams and Passing Exit 1 or the equivalency exam is the completion marker for Block 9 and sponsorship on the transcript.

- Students are allowed up to complete up to 18 weeks of provisional elective clinical rotations as long as they have completed their Block 10 requirements, DxR Cases, and have clinical skills



evaluation and training. The provisional rotations will not be included on the permanent record until the student passes the Exit 1 exam or USMLE. Upon successful completion of that qualifying exam the rotations and credit for Block 9 will be entered on the transcript. NOTE: if you transfer or withdraw before the Block 9 exam is completed the clinical rotations will not be included on your transcript. Students must pass Exit 1 or the equivalency exam by the end of their core rotations.

- A pass on the Exit 1 exam or the equivalency exam is a score of 75% or better on all sections of the exam.
- Passing the ICM program including the final clinical skills assessment is the completion marker for Block 10 on the transcript. Proficiency in clinical skills is the minimum requirement to enter clinical rotations.

Step 1

Students opting to write the USMLE's must pass Exit 1 to earn sponsorship for Step 1. Like Exit 1 Step 1 should be completed by the end of core rotations. Note some rotation sites require Step 1 and Step 2.

MCCEE and NAC-OSCE

Students opting to write the MCEE and NAC-OSCE usually complete their core rotations before completing these exams. Students are required to pass both Exit1 and Exit 2 to gain sponsorship for the MCEE.

Clinical Program Outline

Clinical program: 80 weeks of Clinical Rotations as 48 weeks of Cores and 32 weeks of Electives

Research electives are available and highly encouraged. Students can participate in research activities that they request or complete a 9 month Harvard research online course for elective credit that can begin during the 9/10 Block period.

IUHS will facilitate finding clinical rotation sites that are in compliance with the residency goals of the student.



After the first 8 months of core rotations students begin a clinical knowledge review course. The first component is provided by IUHS, the second component by a commercial partner. Passing the IUHS Clinical Knowledge exams (Exit 2) is the completion marker for the transcript of the clerkship knowledge component. Study support continues after the review courses until Exit 2 is passed. A pass in the Exit 2 exam is a score of 75% or better on all sections of the exam.

Students opting to write the USMLE's will do a Firecracker course aimed at Step 2CK. Students opting to write the MCC exams will complete the DAR Assessment Program and can also take the Toronto Notes (or Clinical Academy or Ontario IMG School) course aimed at the Evaluating Exam and Part 1.

Step 2CK

Students opting to write USMLE's must pass Exit 2 to earn sponsorship for Step 2CK.

Step 2 CS

Step 2 CS is becoming a difficult exam and requires exceptional English proficiency, interpersonal skills and documentation skills. Students cannot take this exam for granted. Even seasoned clinicians have failed the new CS exam.

ALL STUDENTS NO MATTER THEIR STATUS ARE REQUIRED TO COMPLETE THE DXR CASES AND ICM PROTOCOL.

If English is your second language and you intend to take Step 2 CS you will likely be required to complete a live clinical skills course with IUHS professors and staff.

The USMLE Step 2 CS is a pass/fail examination. Examinees are scored in three separate subcomponents: Communication and Interpersonal Skills (CIS), Spoken English Proficiency (SEP), and Integrated Clinical Encounter (ICE). Each of the three subcomponents must be passed in a single administration in order to achieve a passing performance on Step 2 CS.

- The CIS subcomponent includes assessment of the patient-centered communication skills of fostering the relationship, gathering information, providing information, helping the patient make decisions about next steps and supporting emotions. Examinees demonstrate skills in gathering



information by use of open-ended techniques that encourage the patient to explain the situation in his/her own words and in a manner relevant to the situation at hand, and by developing an understanding of the expectations and priorities of the patient and/or how the health issue has affected the patient. Examinees demonstrate skills in providing information by use of terms the patient can understand, and by providing reasons that the patient can accept. These statements need to be clear and understandable and the words need to be those in common usage. Examinees demonstrate ability to support emotions when a clinical situation warrants by seeking clarification or elaboration of the patient's feelings and by using statements of understanding and support.

- The SEP subcomponent includes assessment of clarity of spoken English communication within the context of the doctor-patient encounter (for example, pronunciation, word choice, and minimizing the need to repeat questions or statements). SEP performance is assessed by the standardized patients using a global rating scale, where the rating is based upon the frequency of pronunciation or word choice errors that affect comprehension, and the amount of listener effort required to understand the examinee's questions and responses.
- The ICE subcomponent includes assessments of both data gathering and data interpretation skills. Scoring for this subcomponent consists of a checklist completed by the standardized patients for the physical examination portion of the encounter, and global ratings provided by trained physician raters. The patient note raters provide ratings on the documented summary of the findings of the patient encounter (history and physical examination), diagnostic impressions, justification of the potential diagnoses, and initial patient diagnostic studies.

MCCEE

Students opting to write MCC exams must pass Exit 1 and 2 to earn sponsorship for the EE.

MCC QE1



Students must pass the MCCEE exam to earn sponsorship for QE1. Students who scored a lower score are encouraged to sit for the QE1. The QE1 is not required for graduation.

Bachelors of Science/Master's Program (BS/MS)

Admission Criteria:

Students must have successfully completed 90 University credit hours, or an Associate's degree which includes all Pre-med coursework required for entry into the IUHS MD program or holds a Bachelor's degree including all premedical courses.

There are a number of benefits of offering the BS/MS program:

Reduced attrition

Improved value to student

Increased thought leadership due to publishing

Improved brand due to expanded activity

New Programs:

The degrees IUHS offers are:

- RN to BSN upgrade
- BSc (Human Biology or Medicine)
- MSc (Health Sciences) Master of Science in Biomedical Science in Medical Sciences
Degree(MSBS-MS)
- MSc (Specialty)
- MD



A student enters into the appropriate program depending on their previous studies. Upon completion, each degree program at IUHS allows a student to qualify to enter the next degree program if they wish to work towards and achieve an MD.

The Master of Science in Biomedical Science in Medical Sciences Degree (MSBS-MS) and the Masters of Human Biology degree are both two-year programs at the International University of Health Sciences, designed to train students in foundational medical sciences with renewed emphasis on the core-teachings of pathophysiology of Human disease.

THE MSBS-MS Degree program has been conceived with three primary objectives:

1. Provide clinically relevant, medical graduate-level education to students who wish to boost their academic standing, towards a long-term goal of pursuing a career in medicine.
2. Create strong foundations for improved performance in any MD/DO-curriculum, and USMLE step 1 and step 2 exams.
3. Provide basic and clinical research opportunities to broaden student perspective and strengthen their overall portfolio.

Bachelors of Science/Master's Programs (BS/MS)

Entry/ Admission:

Admission can be achieved by direct application to the program or admission can be requested by any student completing the MD program.

BS/MS Final exam

BS/MS Final Exam is given to the Students receiving the Bachelors of Science: Exit 1 Exam required and a grade of 70% or better confers degree of Bachelors of Science in Human Biology; Master's program students continue into Block 9 and 10 to complete Degree Requirements



BS/MS Academic Program:

Students complete IUHS pre-clinical coursework in tandem with IUHS MD students. All competencies that are required for IUHS MD program are integrated in the BS/MS program. Students enrolled in the BS/MS program will receive a grade of PASS/FAIL for the block exams if directly enrolled in those programs. A grade of Pass will be earned for all students who earn a grade of 60% or better on the block exams. Students who earn a grade below the 60% passing mark will receive a grade of Fail or Incomplete and will be provided the opportunity to retake the exam again when offered during another active block at no additional charge or a student can request to complete a challenge exam for a cost of 500 dollars. If a student fails 2 consecutive exams or has 2 failed blocks that are not remediated the student will be required to take an LOA until the failed blocks are remediated. The LOA will be at a cost of 500/ month or a maximum of 6 months at which time the student will be placed as inactive and a reactivation fee will apply. BS/MS program requires successful completion of the Block 0 curriculum.

Block Zero – Introduction to Medicine; Primer of Organic and Biochemistry; Medical Ethics and Professionalism; Academic Technologies. Block Zero provides key foundation science content so all students are ready for the rigors of medical school. Block Zero provides a Medicine overview and ethics and Professionalism primer so all students are prepared for the challenges and fast pace of medical school. Block Zero also provides a comprehensive Orientation and review of time management skills required to optimize their ability to navigate the next four years of education. Block Zero also includes introductory assessments that allow the medical schools academic team better determine an individual student's proficiency in key learning areas. Understanding a student's strengths and deficits is very helpful for both the student and the academic team. We try to customize the students' academic plan so the student can best utilize their time and resources. The assessments also provide key data to our Academic Enhancement team so they can better understand the student and target academic exercises that make use of a student's time and efforts most efficaciously. Our goal is to make the student's education with IUHS as productive as possible. IUHS now starts the Biochemistry activities in Block Zero so students have more study time to master the concepts before being tested on the material in Block 1 of the MD curriculum. Block Zero is required for all programs offered at IUHS.



Block 1 – Introduction to Basic Medical Science. This block introduces the student to the basic sciences of medicine including anatomy, physiology, biochemistry, pharmacology and histology. Students will also be introduced to the working tools of Clinical Medicine, which includes taking a patient history, performing physical examinations and learning to construct a differential diagnosis. This is accomplished using virtual patient technology DxR Clinician and each Block will introduce a new case clinical case that compliments the knowledge objectives of the block of study.

Block 2 – Microbiology and Immunology. This block includes an introduction to the study of Microbiology, organisms involved in human diseases, virulence factors and principles of Therapeutics.

The medical immunology section will include a study of cells involved in the immune response, humeral immune processes and the body's responses to disease and hypersensitivity reactions.

Block 3 – Respiratory and Cardiovascular Systems. In this block, the student concentrates on the Respiratory and Cardiovascular systems, and will study both normal and abnormal processes. This will involve learning the underlying anatomy, embryology, histology, biochemistry and physiology of these systems, and the microbiology of the infections these systems are prone to. Therapeutic intervention for each problem is discussed.

Block 4 – Endocrine & Reproductive Systems. In this block, the student will study the Endocrine and Male and Female Reproductive systems. The anatomy, embryology and physiology of these organs will be linked to the abnormalities that result in disease, and the treatment of these diseases will be examined. There is a major concentration on hormones: their biochemistry, and interaction.

Block 5 – Gastrointestinal and Renal Systems. Block 5 continues the study of Medicine focusing upon the Gastrointestinal and Renal Systems. The anatomy and physiology of digestion and excretion are a major focus, as well as the many diseases involving these organs and their therapy. This block has a strong focus on GI physiology.

Block 6 – Central and Peripheral Nervous Systems. This is an introduction to the field of neurosciences. Topics include gross anatomical structure & function, microscopic anatomy & function, neuro-physiology,



pathology and microbiology of selected CNS diseases. Pharmacologic therapy for Neurological problems is discussed.

Block 7 – Hematology, Muscle Disorders, Anatomy of the Extremities, Pathology, Dermatology, Behavioral Sciences, and the Febrile Exanthemas | Diseases of the Musculoskeletal System. This block focuses upon the Peripheral Blood, Bone Marrow blood, bone marrow and Macrophage-Phagocyticmacrophage-phagocytic systems, the Skin, and, and the related Pediatric Febrile Exanthems. There is an intensive study of all aspects of hematology and therapy of blood cell disorders. The histology, biochemistry and physiology of muscle including understanding muscular dystrophies, myelopathies and myasthenia will be studied. The anatomy of the skin plus the diagnosis and therapy of dermatoses and biology of viruses, and pathophysiology of various diseases such as smallpox, measles, rubella, herpes and varicella complete the subjects studied here. Anatomy of the musculo-skeletal system and its clinical implications is also covered in depth. The behavioral sciences section discusses Diseases of the musculoskeletal system are covered. Behavioral sciences topics important to clinical practice are discussed in detail.

Block 8 – The Eye, Ear, Nose And Throat, Dermatology, Congenital Anomalies, Tropical Diseases, Autoimmune Diseases, Legal Issues In Clinical Medicine And An Introduction To Epidemiology And Biostatistics. In Block 8 we progress to the study of the HEENT and integumentary organ systems. This block also includes a detailed study of specific infectious diseases, including tuberculosis, syphilis, HIV infections and tropical diseases. The mechanism of autoimmunity, and clinical aspects, laboratory diagnosis and therapy of specific autoimmune disorders including lupus, Sjogren's Syndrome, and scleroderma are studied. Finally, the student studies the complex interplay between embryology, infectious diseases, and environmental injury. There are lectures on specific congenital anomalies and embryology of the head, face, G.I. tract, heart, great vessels and the central nervous system. Various specific legal issues in clinical medicine are discussed. In addition, lectures are presented in Epidemiology, Biostatistics and Environmental Medicine.



Block 9. For the MS student, this block entails several pathways and for those who are completing the Harvard research program certification (which begins in February and spans a period of 9 months and must be planned and added to each student's program during the preclinical program.) Students will identify their thesis topic and begin writing their thesis paper.

Block 10. Part 2 continuation of the thesis paper. Completion of this paper requires submission and final approval from the thesis committee. Students pursuing a Masters in International Public Health will complete an epidemiological research project or an apprenticeship with a public health authority for 8-16 weeks. (Academic plans may vary and the Academic Committee have the authority to approve specific academic plans.)

Specialized Master's Program

Specialized master's degree pathway: Students can request to specialize their Master's degree program. This requires additional clinical immersion experiences approved by the Academic Dean and coordinated with the clinical department. Additional costs apply to these programs according to the necessary internship/apprenticeship experiences required.

Degree

Degree is granted after successful completion of the program elements and approval of good standing by the Graduation Committee.

Credits to continue in the MD program

All credits from the master's program can be applied towards the MD program should the student decide they wish to complete the IUHS MD program. Student will be accepted to the IUHS MD program without completing the admission process again, if they apply within 2 years of completing their BS or Master's program.

Students will be required to complete challenge exams for each of the preclinical blocks of study if they did not earn a grade of 75% or better on each of their Block exams while enrolled in the master's program.

All students will be required to complete the ICM program.



Since participation in the ICM program requires mentor hours the student will be required to complete a course in clinical skills with an IUHS provider at an extra charge and complete 8 virtual patient DxR Cases

Other Specialized Masters Tracks are now available in:

MEDICAL MICROBIOLOGY AND IMMUNOLOGY

The Infection, Immunity, and Transplantation track provides students an education and training in the microorganisms that are relevant to human health and in the immune system that allows us to overcome infection as well as rejects transplantation of organs and tissues. Faculty members study individual microbes (bacteria, viruses, or fungi), with particular emphasis on their biology, evolution or pathogenic mechanism; the autoimmune diseases of asthma, lupus and rheumatoid arthritis; and the development, differentiation and activation of the innate and adaptive immune systems.

The Track Advisor is Dr. Terriann Crisp, Professor, Department of Medical Microbiology and Immunology

NEUROSCIENCES AND NEUROLOGICAL DISORDERS

The Neurosciences and Neurological Disorders track emphasizes training in both basic and translational neuroscience. Students gain hands-on experience using a variety of state-of-the-art cellular/molecular biological, neuroanatomical, and physiological approaches to investigate fundamental questions relating to synaptic function, neuronal signaling, and development and plasticity of the nervous system. Areas of study emphasize both normal function in the nervous system and the basis of neurodevelopmental disorders and neurological diseases. Students are prepared for an independent career in neuroscience research through advanced courses in the neurosciences complemented by active participation in faculty-mentored laboratory research in collaboration with UCF.

The Track Advisor is Dr. Mohtashem Samsam , Professor, Department of Neurosciences

Other Program offered

Upgrade for LPN's and RN's to a BSN.

This allows the student to take a senior nursing position at a major hospital. This is a theory and conceptual program that is offered through the electronic classroom interface.



BSc (Med Sci)

This program offers the student a complete hard sciences curriculum that serves as the base for medically related careers. This program also includes the premedical prerequisites for those interested in continuing into Medicine. Program of choice is either Bachelors of Human Biology or Bachelors of Medicine.

MSc (Health Sciences or Human Biology)

This program utilizes the core preclinical curriculum to orient the student to the medical circumstances of health care. Students are required to complete Exit 1.

The educational offerings at IUHS are designed to meet the unique needs of our individual students.

A combined Bachelors of Science (BS) Master's degree (MS)

With the Successful completion of all 10 Blocks and application for the degrees of study. IUHS will confer a Bachelor's of Science degree in Human Biology and A Master's degree in Health Science.

Example of a specialized Degree: IUHS Master's program in International Public Health.

Specialized Degree:

Specialized BS/MS Degree is conferred after successful completion of Blocks 1-10 and specialized rotation component completion. All students must complete the program in good standing and in compliance with the academic regulations of the medical school.

Credit transfer to continue in the MD program:

All credits from the master's program can be applied towards the MD program should the student decide they wish to complete the IUHS MD program. Student will be accepted to the MD program without completing the admission process if they apply within 2 years of completing their Master's program.

Students will be required to complete challenge exams for each of the preclinical blocks of study if they did not have a score of 75% or better on their Block exams while enrolled in the master's program.

All students will be required to complete the ICM program.



Since participation in the ICM program requires mentor hours the student will be required to complete a course in clinical skills with an IUHS provider at an extra charge and complete 8 virtual patient DxR Cases.



Registrar and Student Records

Office of the University Registrar

The Registrar's Office is located in Winnipeg, Canada. The Registrar maintains official records including applications, grades, transfer credits, transcripts, graduations, withdrawals, leaves of absence, evaluations and other student documentation. When necessary, the Registrar's Office facilitates the transmission of records to other institutions and programs according to University policy.

Document Request Procedures

An IUHS Document Request Form must be completed and submitted to the Registrar by email, fax or regular mail. Students must be in good financial standing with IUHS to have documents released.

Fees vary with the document requested and fee details are found in the Student Finance Handbook.

Student Record

The Registrars' office keeps the Student Record which includes the matriculation status, financial status, Academic Record, Leaves of Absence, withdrawals and any other information relevant to the student's profile.

The Academic Record reflects the students' progress in the program. The Registrar keeps a full record of academic activity, reports grades as they are achieved and produces an official transcript as required.

Grades

Grades for the Pre-Clinical and Clinical Programs are reported on a scale where 70% is a Pass. Scores of 70-74 are recorded as Pass with a GPA value of 3.0; scores of 75-79 are recorded as Pass with a GPA value of 3.3; scores of 80-84 are recorded as High Pass with a GPA value of 3.5; scores of 85-89 are recorded as High Pass with a GPA value of 3.7; scores greater than 90 are recorded as Honors with a GPA value of 4.0.

Pre-Clinical grades are reported per block. Each aggregate grade for a block is composed of the Block exam score, the DxR score and the ICM mentor based score in the ratio of 70:20:10. Each component of the aggregate grade must be passed independently. All component scores will be noted in the Student Record



but if any grade is at a failing level or the requirements are not completed, then the overall block score will be listed as Incomplete. Academic Enhancement (AE) study activities included in blocks are considered to be mandatory exercises. Failure to complete these AE participation activities will result in the Block Exam and aggregate Block grade being listed as Incomplete until they are completed.

Clinical grades are reported by discipline. The clinical rotation grade is based on the preceptor evaluation. For some disciplines, there are Clinical discipline content exams. Grades for those exams are recorded separate from the discipline rotation.

The grading system is subject to change with curriculum development and such changes are effective immediately upon being put into effect.

Student Status Definitions

Good Standing

A student in *Good Standing* has met the expectations of both the financial and academic standards of the University.

Academic Good Standing

A student is considered in *Good Academic Standing* if their current and previous required assessments have been passed.

Active Student

An *Active Student* is one who is in *good Standing* – i.e. in full compliance with the financial and academic requirements of the IUHS MD Program and is active in the medical school's educational activities.

Academic Notice

Students who fail a block exam for a first time are placed on *Academic Notice*.

Academic Probation

Students who fail an assessment twice are placed on *Academic Probation* or a student has violated a mandate of student academic or professional behavior.



Academic Review

Students who fail an assessment three times are placed on *Academic Review*.

Leave of Absence (LOA)

An *LOA Student* has filed the request for a *Leave of Absence* and obtained such approval from the Academic Dean and the Registrar. The student remains in *Good Standing*. Detailed information on the LOA process and status is provided on the next page.

Inactive Student

An *Inactive Student* is one who has not complied with the academic, administrative or financial requirements of the IUHS MD Program.

Consequences of Inactive Student status:

- Students are automatically placed on *Academic Probation*.
- Students will not have access to IUHS lectures, archives or their email accounts.
- Students must immediately start re-paying any IUHS-based student loans in monthly payments of at least \$250 with full re-payment to be completed within 18 months.
- Students will lose any grandfathered financial status and will be subject to all current and future increases in student tuition, technology and clinical fees.

Leave of Absence

University 'Leave of Absence for Financial Hardship' Policy

The Financial Hardship Leave of Absence policy permits students who encounter financial difficulties so severe that they cannot continue with their regularly scheduled tuition fee payments. Such students may apply for a Financial Hardship Leave of Absence which, if approved, allows them to be excused from regular tuition fee payments for up to twelve months.



Any student who wishes to apply for a Financial Hardship Leave of Absence needs to immediately contact the IUHS Registrar (registrar@iuhs.edu or 1-877-487-8012 Extension 2). Students may be required to provide financial details on a confidential basis to the IUHS Finance Department.

All students on a Financial Hardship Leave of Absence must pay a nominal \$200 monthly fee (by an automatic payment plan) to IUHS to cover basic academic and administrative costs while on leave.

Failure to pay the monthly Leave of Absence fee would result in the student being classified as “Not in Good Financial Standing” and he or she would no longer be classified as an “Active Student” and would lose access to most or all IUHS academic resources. Students with outstanding tuition fees and/or other university charges must fully pay off these outstanding amounts before returning to Active Student status.

A student, who wishes to request a modification in the amount of the monthly Financial Hardship Leave of Absence Fee, must do so in writing to the IUHS Finance Department. All details, reasons, and evidence must be included within the written request.

All students on a Leave of Absence will continue with their medical studies on a reduced basis in accordance with an individualized plan provided by an appointed member of the IUHS academic faculty. Students are not eligible to write Block or Exit exams while on a Leave of Absence.

After a Leave of Absence time period expires, all students are expected to resume their studies without further delay. Students who fail to resume their studies immediately after a Leave of Absence will cause the medical school to re-classify their status from “Active” to “Inactive”. (See Definition of “Inactive Student”)

This Financial Hardship Leave of Absence policy is effective immediately and applies to all IUHS students. Leave of Absence fees are non-refundable.

University ‘Leave of Absence for Medical Hardship’ Policy

The Medical Hardship Leave of Absence policy permits students who experience medical problems affecting themselves or close loved ones which are such significance that they must take a temporary



break from their regular study program. Such student may apply for a Medical Hardship Leave of Absence which, if approved, allows them to be excused from regular tuition fee payments for up to twelve months,

Any student who wishes to apply for a Medical Hardship Leave of Absence needs to immediately contact the IUHS Registrar at registrar@iuhs.edu 1-877-487-8012 Extension 2) Students may be required to provide medical details on a confidential basis to the IUHS Registrar and/or an IUHS medical dean.

All students on a Medical Leave of Absence must pay a nominal \$200 monthly fee (by an automatic payment plan) to IUHS to cover basic academic and administrative costs while on leave.

Failure to pay the monthly Leave of Absence fee would result in the student being classified as “Not in Good Financial Standing” and he or she would no longer be classified as an “Active Student” and would lose access to most or all IUHS academic resources. Students with outstanding tuition fees and/or other university charges must fully pay off these outstanding amounts before returning to Active Student status.

A student, who wishes to request a modification in the amount of the monthly Medical Hardship Leave of Absence Fee, must do so in writing to the IUHS Finance Department. All details, reasons, and evidence must be included within the written request.

All students on a Leave of Absence will continue with their medical studies on a reduced basis in accordance with an individualized plan provided by an appointed member of the IUHS academic faculty. Students are not eligible to write Block or Exit exams while on a Leave of Absence.

After a Leave of Absence time period expires, all students are expected to resume their studies without further delay. Students who fail to resume their studies immediately after a Leave of Absence will cause the medical school to re-classify their status from “Active” to “Inactive”. (See Definition of “Inactive Student”)

This Medical Hardship Leave of Absence policy is effective immediately and applies to all IUHS students. Medical Leave of Absence Fees are non-refundable.



Inactive Student Status

Students who cease being current with their tuition fees and who do not apply for a Leave of Absence will immediately be re-classified as an “Inactive Student”. The classification as an “Inactive Student” means the student has not complied with the policies of the school and will result being placed on Academic Probation. Additionally, a reinstatement fee will be required to resume educational activities, which will be determined by the length of time of his or her “Inactive Student” classification.

Inactive Student status may also result in:

- Partial or total restricted access to IUHS lectures, archives or academic faculty.
- Suspension of student’s IUHS email account without notice.
- Immediate requirement to commence repayment of any IUHS student loans.
- Being subject to any future increases in student tuition fees.

When Inactive Students wish to continue their IUHS pre-med or pre-clinical studies, they must first be re-classified as an Active Student. Students should contact the Registrar’s Office who will guide them through the necessary steps.

Students, who have been classified as “Inactive” for less than one year, are required to pay a Re-Activation Fee calculated at \$200 for each month of being Inactive to a maximum of \$2,000.

Students, who have been classified as “Inactive” for more than one year, are required to submit a Re-Activation Application and be re-approved by the IUHS Admissions Committee. For these extended inactive students, the Re-Activation Fee is \$2,000.



Pre-Clinical Medical Sciences Program

The IUHS School of Medicine program is a new paradigm of pedagogy best suited for training physicians in the 21st century. IUHS combines the best practices of medical education with the best utilizations of educational technology.

The Pre-Clinical program consists of 92 weeks and is divided into 11 blocks and 6 semesters. The semesters constitute our official academic calendar and consist of a grouping of ICM mentoring activities, DxR learning, Academic Enhancement activities and our preclinical Blocks. The clinical program is also divided into semesters for financial ease.

The Pre-Clinical program consists of instruction in all the Medical Sciences, USMLE Step 1 exam preparation, and introduction to clinical medicine. The first semester must be taken in numerical order except in the case of an examination failure as explained later in this section or upon receiving specific permission from the Dean of Academic Affairs.

IUHS uses the case based organ systems approach to medicine that establishes the connections between knowledge and practice immediately. The extensive use of virtual patient cases and study resources to compliment the lectures creates a stimulating learning environment for each student.

Student activity in the pre-clinical program is governed by 'Active Learning' whereby the student participates in virtual classrooms and various clinical settings while receiving support and structured activity from the Academic Enhancement team which includes targeted Q & A sessions.

The Active Learning methodologies are matched by the modularized program flexibility to allow students to achieve an understanding of the critical knowledge base of medicine in a progression that can be adjusted to meet their academic needs.

The emphasis on a competency based assessment learning model ensures that IUHS students not only meet the expectations of medical school, but also learn knowledge acquisition and self-assessment skills critical to functioning in their postgraduate and professional environments.

Structure



The IUHS Pre-Clinical Medical Sciences program consists of:

- Live and archived lectures presented daily.
- Academic Enhancement.
- Testing and Assessment (Firecracker integrated activities)
- Clinical cases (part of Integrated Clinical Medicine Program).
- Mentors (part of Integrated Clinical Medicine Program).
- DAR Assessment Exams after Block 3, 6 and 8.
- Remediation assignments in Firecracker are required to be completed with each assessment.

The IUHS Pre-Clinical Medical Sciences program provides students with the knowledge and understanding needed to start clinical medicine. In addition, there is the development and understanding of knowledge self-assessment which will prepare students for a world where medical practice is rapidly evolving.

Live Lectures Presented Daily

Lectures are approximately one hour in duration. A schedule of classes as part of the syllabus is posted on the IUHS Virtual Library and on the student calendar at least 1 week prior to the start of each block. Students should participate in the live lectures which are omni-directional with interactive technology that allows students to raise their hand, write on the black board chat with other students and directly with the professor, Blackboard Learn optimizes classroom experience to fully engage the student with state of the art, audio, video and chat modes. Students can see and hear the professor – and vice versa. All lectures are recorded and can be viewed by students in the IUHS Blackboard immediately following the lectures.

New lecture formats are being tested this year that require the professor to prerecord their lectures and make available their ppt presentations prior to the start of the block. This is followed by live lectures sessions that are designed to have students and the professor engage in a more meaningful review of the



material and provide an opportunity for students to get clarification of difficult concepts. IUHS intends to move to this lecture format for all classes by 2018.

This new presentation is to help you make the best use of your time and prepare for the live lectures which will go over the most tested material and can be used to have the professor explain difficult concepts.

It is expected that you will:

- Review the lectures fully before the topics are reviewed in the live sessions.
- Write out any questions you have for the professor and email them to the professor at least 2 days prior to the lecture
- Prepare for the lectures
- Ask questions (If you are confused it is likely your classmates are too)

The professor is expected to:

- Explain the material you send questions about
- Tell you what is most often covered on board exams and clarify difficult concepts
- Be up to date on the topics and material the lectures covered
- Be able to answer your educated and informed questions

Other Benefits:

- Uninterrupted (resulting in shorter lectures to cover the same material)
- In a more precise manner (no classroom distractions)
- Combining several lectures into one when appropriate (no breaking up of critical topics just to fit the lecture schedule)
- Available at the start of the block so you can manage your study time most effectively



- Using the live lecture time to help you understand the new concepts and encourage students to fully engage and not just be a passive observer during live class time. (Get the most out of the professor's class time)

We are confident this new teaching model will help you learn in a more effective and efficient manner and allow you to prepare for the live sessions.

Students are required to review all lecture sessions in live or archived format. Professors and Deans are available by email. Students enrolled in a block have access to the previous block's lecture archives until the new lecture format is fully implemented. All lectures and archives are the property of the university and unauthorized recording, distribution or transmission is prohibited.

Clinical Cases

The IUHS Pre-Clinical Program utilizes "DxR Clinician", a leading problem based virtual patient simulator education system as an integrated component of the program (see details in Integrated Clinical Medicine Program (ICM) Page 34).

Mentors (Clinical Associate Advisors)

Refer to the handbook section titled "Integrated Clinical Medicine Program" on [page 49](#).

DAR Assessments

Diagnostic and Assessment Exams

Firecracker and IUHS have developed a comprehensive assessment and remediation program that allows IUHS students to continually assess their comprehension and retention of critical knowledge. This new program allows customized assessment and continual remediation throughout the student's preclinical curriculum.

- The First DAR exam, DAR 1 is given after Block 3 and covers all material from Blocks 0-3.
- The second DAR exam DAR 2 is given after Block 6 and covers all information from Blocks 0-6.



- The last component of the customized exam and remediation program is the DAR 3 exam given after Block 8. This exam is a comprehensive review of key fundamental knowledge taught throughout your Preclinical education, Blocks 0-8.

Each exam increases in scope and consequently increases in length. IUHS believes this new program will enable students to retain fundamental knowledge and better prepare students for the national board exams. After completion of each DAR assessment students receive detailed feedback and remediation assignments for all the concepts missed on the assessment. The Firecracker assignments are required activity that must be completed before the next DAR assessment is administered. Once the student has completed the DAR 1 and 2 assessment and remediation activity and completed successfully all preclinical curriculum. The student is ready for DAR 3 and sponsorship assessment.

The DAR 3 exam is given at the beginning of the Block 9 activities and provides reliable data about student knowledge gaps and readiness to sit for Boards and the final preclinical exam Exit 1.

Based on the results of the DAR 3 assessment students are placed in a step prep study program, Sponsorship Groups A, B, or C (The grouping is based on exam score outcomes). Only the student and the academic team will know your grouping.

After completion of Block 9 and 10 activities, students who have successfully completed all the assigned activities in Firecracker, passed assigned subject exams they are given that correlate with their identified deficits and passed the secondary Comprehensive Step prep exam and Exit 1 exam will qualify to receive sponsorship. Students are allowed 3 more months of study prep and are permitted to apply for up to 18 weeks of elective clinical rotations, while waiting to take the Step 1 exam or MCCEE. The clinical rotations completed during this time will be entered into your official transcript record **ONLY** after successfully passing the required competency exam (Step 1, MCCEE, EXIT 1 or Approved substitute exam). Rotations completed during this time will not be entered into the transcript until the student has passed the required competency exam (USMLE, MCCEE or IUHS approved exam). You cannot officially be moved from preclinical sponsorship until you pass the required exams.



What is the purpose of the DAREx testing and Firecracker exercises?

The DAREx testing is a series of Diagnostic and Retention exams that are comprehensive and designed in conjunction with Firecracker to identify gaps in a student's retention and understanding of fundamental knowledge. This knowledge is the basis of the student's medical education and required to pass the medical Boards specifically the USMLE Step 1, 2, 3 and the Canadian exams MCCEE and Qualifying exams 1 and 2. IUHS starts the series of DAR testing after Blocks 3, 6 and 8. We expect that the new DAR assessment testing and remediation will provide continual recognition and reinforcement of core knowledge throughout the preclinical curriculum leading to improved readiness to sit for Board exams.

The Complimentary Firecracker exercises are identified by the individual student performance on the DAR assessment exams. Questions that are missed on the DAR exams are coupled with remediation activities in the Firecracker system. The remediation activities use adaptive learning techniques so students gain true proficiency. As you complete the exercises the Firecracker system identifies other areas of weakness and those additional exercises are added to your mandated remediation. Firecracker exercises specifically help students commit to long term memory the fundamental concepts and knowledge required for success on your medical Boards. Firecracker uses proven customized adaptive learning techniques. Concepts are introduced using a flashcard system that requires the student to respond to questions in many different formats. The DAR exams provide students with individual gap analysis and customized remediation exercises allowing students to focus their effort and time more effectively and efficiently.

IUHS will also provide Live insight lectures throughout the Blocks that all students can attend that support the identified educational gaps.

What is the schedule for the DAREx testing?

The process for Board prep begins with the start of the student's preclinical education. DAREx exams given after Block 3, 6 and 8. Each test increases in scope and length. The results of the DAREx exams are followed by customized Firecracker exercises that correlate with the deficits identified in those exams. The DAR exams are given on a testing interface that is identical to the system used to take the USMLE. The exams are timed much like the USMLE. The DAR 1 assessment exam is given after Block 3 and is a 4-



hour exam that covers all the material taught from Blocks 0-3. The exam is broken down into 4 parts each section has a maximum of 44 questions and allows 60 minutes to complete the section. The DAR 1 exam is expected to be taken completely in one sitting and the student is allowed 4 hours and 40 minutes to complete the exam.

The DAR 2 exam is a 7-hour exam and covers all the material from Blocks 0-6. DAR 2 consists of 7 sections. The DAR 2 assessment exam can be taken in 2 parts (part 1, consists of 4 sections allowing 4 hours and 40 minutes and part 2, consists of 3 sections that can be taken in 3 hours and 30 minutes) or all in one sitting (which consists of 7 sections that must be completed in 8 hours).

The DAR 3 exam is a comprehensive exam that covers all the material from blocks 0-8. The DAR 3 assessment exam is a 10-hours exam and broken down into 10 sections. This exam can be taken in 11 hours and 30 minutes or in 2 parts consisting of 5 sections each. Each part allows 5 hours and 50 minutes to complete the assessment.

The results of the DARex exams help to provide a structured study plan that is specific to the student's individual needs. Based on the DAR 3 exam results students will be classified into a sponsorship program study curriculum groups. Students who have less to remediate will have less time to complete the exercises and those with extensive remediation will have a longer time to complete the exercises. After successful completion of the Firecracker remediation exercises, students will be provided individual subject exams covering the material they have remediated. A minimum score of 80% is required for passage of each subject exam. Students who pass the subject exams with a score of 80% or better are offered the next sponsorship examinations. Upon successful completion of the confirmation sponsorship exams earning a score that correlates with successful passing, the student will be sponsored.

Testing and Assessment

Testing and Assessment during the Pre-Clinical program is done in a multitude of modalities. The IUHS program uses a series of exams and exercises to assess and assist students in prioritizing their studies. The case reports and block exams are the basis of the grade for the block while the academic enhancement



exercises and assessments are required but do not count towards the transcript grade. Assessed competencies for the concurrent ICM activity are reported as a separate grade on the transcript.

There are structured exercises which complement the block lectures and cases as well as ICM exercises which reinforce the students' ability to self-assess, integrate and apply the knowledge they are learning for use in the clinical setting. These activities are formal program components and are not optional.

The long term goal of the Academic Enhancement program and ICM program is to empower the student to become a successful lifelong learner prepared to keep up with the changes in Medicine. The short term goal is to provide student feedback on their knowledge management and learning while teaching them to be able to achieve that assessment themselves. This is done through a series of structured knowledge retention assessments DAR 1, 2 and 3.

The concrete components of academic enhancement are activities assigned in the Exam Master testing system and through the Firecracker adaptive learning interface. Insight lectures are provided bi-weekly and quizzes and learning objectives linked to all lectures for the MD Curriculum are linked to exercises in firecracker system as additional learning tools. All assessment protocols are designed to identify deficits and employ retention adaptive learning methods to help commit fundamental knowledge related to the block material to long term memory. These assessment exercises are monitored by the Academic Enhancement team for competency and knowledge management. The Academic Enhancement team (academic_enhancement@iuhs.edu) documents each student's performance and provides a way for students to customize their activities to address the individual deficits that are identified from their testing. The goal of this program is to customize each student's academic pathway so they can optimize their performance through self-assessment and utilize their time in the most effective manner.

The second concrete component is the Diagnostic and Retention exams (DAR) are administered at the conclusion of block 3, 6 and 8. These assessments are used to monitor students' competency, retention and allow self-analysis as they move through the preclinical program and enter into their sponsorship.



IUHS and Firecracker have collaborated to create a new customized study program designed to diagnose knowledge gaps and provide individual remediation exercises that will ensure that you have retained the necessary knowledge to pass your boards and graduation exams.

The DAR exams will provide the basis for your customized remediation exercises and additionally help IUHS faculty to target the High yield insight and support lectures. These exams will also help to prepare you for the mental and physical challenges of taking a test that requires pacing and endurance.

DAR 1 Level: Is to assess retention of material from Block 0- Block 3 and will be administered at the beginning of your Block 4 session.

DAR 2 Level: Is to assess retention of material from Block 0- Block 6 and will be administered at the beginning of your Block 7 session.

DAR 3 Level: Is to assess retention of material from Block 0- Block 8 and will be administered at the beginning of your Block 9 session.

The DAR 1 Assessment consists of 4 sections, the first 3 sections consist of 44 questions per section and the 4th section has 33 questions. Each section is timed and allows 60 minutes to complete the 44 questions. Once you start the exam you are required to complete the entire exam. The time allotted for the exam is 4 hours and 40 minutes. The extra 40 minutes is to provide you with time for breaks. You can complete the exam in a shorter period of time if you wish but once a section has closed it cannot be reopened.

The DAR 2 Assessment consists of 7 sections, the first section consists of 15 questions and all others are 44 questions per section. Each section is timed and allows 60 minutes to complete the 44 questions. Once you start the exam you are required to complete the entire exam.

The DAR 3 Assessment consists of 10 sections, the first 9 sections consist of 44 questions per section and the 10th section has 19 questions. Each section is timed and allows 60 minutes to complete. Once you start the exam you are required to complete the entire exam.



Once you complete the DAR 1, 2 or 3 assessments (depending on your block level) you will receive initial detailed feedback from the DAR team and a list of the topics you missed. The assignments will populate in your firecracker system after you review the exam results and complete the “refresh task” process. The process to complete this is explained on this you tube video:

<https://youtu.be/4LPwPrVwE7c>

We expect this process to change and in populate automatically soon.

The scores generated on the DAR exams are only for academic enhancement and WILL NOT be a part of your academic transcript. The results of these exercises will be shared only with you and the academic personnel at IUHS. You will be required to complete your remediation activities. This is a mandatory assignment and must be completed in the time frame we have allowed.

WHY ARE YOU TAKING THIS EXAM?

These exams and the remediation assignments are designed to help you understand and address any retention deficits that are specific to you.

Just to be clear, the DAR exercises you are assigned which are based on your performance on DAR 1, 2 and 3 should not interfere with your preclinical Block studies. These exercises will help your performance in your Blocks by reinforcing key learning fundamentals. Strong fundamental knowledge improves learning, enhances understanding, improves long term retention and ultimately has a significant positive impact on exam performance.



Examinations

IUHS constructs Exam's in several ways.

We utilize several resources for testing in addition to our professor authored questions (Exam Master Question Bank and IUHS authored Questions Bank and Firecracker resources). Firecracker has partnered with IUHS and has compiled several reliable competency exams that can be compared to US institutional performance and other schools in the Caribbean.

All Block exams are administered with oversight of an independent testing service that employ the most advanced live cyber-security technology and records the student as they take the exam. A report is given for each student and any unusual activity, eye movements or interruptions are reviewed by the IUHS Academic Dean.

Blocks 1 through 8 require successful completion of the block exams. Each block exam is developed by the Dean of Pre-Clinical Studies and administered by the IUHS Registrar and her staff. Exam scores and answers (along with complete explanations) are available to each student once the student has been cleared for financial and academic obligations by the Registrar. Passing score on any exam is 70%, High Pass is 80-89%, Honors is 90% or above.

Students who fail a block exam for a first time are placed on Academic Notice and are required to write a Retake Exam for which there is a fee. Students have access to the block's lectures and its related activities. Block participation is optional for students studying for Retake Exams. Students on Academic Notice are allowed to continue on to the next higher block. Retake Exams are always scheduled at the end of the 3 or 4 week intra-block breaks.

NOTE: Students who schedule a retake exam or defer an exam and do not show up to take the scheduled exam, additional fees will apply for each missed event.

Students who fail the Retake Exam (i.e. their second failure of the block exam) are placed on Academic Probation and are required to repeat all the activities of the block. There is a fee to repeat the block. Students will be supervised during Academic Probation in order to remediate their deficiencies and may



be allowed to attend classes if approved by the Academic Dean. Students may also be placed on Academic Probation for failing to comply with IUHS's academic standards.

Students who fail their third attempt of the block exam are placed on Academic Review. The Academic Dean will rule on whether a student on Academic Review will be allowed a fourth and final time attempt to pass the block exam or be dismissed from medical school. There is a separate fee for students on Academic Review.

Continued exam failures in other blocks will result in academic intervention and remediation and/or suspension or dismissal from the University.

Specific fees for students on Academic Notice, Academic Probation and Academic Review are listed in the Student Finance Handbook.

Deferral of exams

A student who elects to defer a block exam must notify the Registrar no later than the exam registration deadline and pay an Exam Deferral Fee. Students may use this deferral option **ONLY ONE TIME** during pre-clinicals. Students who wish to defer a block exam due to a verifiable family or medical emergency must notify the Registrar as soon as the emergency presents and pay an Exam Deferral Fee. The Registrar may waive the Deferral Fee in the event of such an emergency and evidence of it may be requested. Any student, who does not comply with this Block Exam Deferral policy and does not write the scheduled block exam, shall receive a failing grade for that block. The deferred exam must be written during the make-up exam period at the end of a three week break. There is a Block Exam Retake Fee applicable to all students who need to re-write a block exam for any reason. Refer to the Student Finance Handbook for the schedule of Retake Exam Fees.

Proctors

In order to have oversight and to guarantee the integrity of test taking the University uses a managed service online proctoring solution. The proctoring service is a blend of technology and human interactivity with both software and hardware used for authentication, monitoring, and reporting.



IUHS's online proctoring service may utilize computer lockdowns, electronic signatures, keystroke dynamics, recognition technologies, or may require webcams.

Please note that since the online proctoring industry is rapidly changing, the University may elect to change test taking processes and protocol depending upon the service is deploys

Block Subject Matter

Block Zero – Introduction to Medicine; Primer of Organic and Biochemistry; Medical Ethics and Professionalism; Academic Technologies.

Block Zero will now contain lectures that are normally offered in Block 1 to provide new students with extra time to study and prepare for their Block 1 coursework and exams. No exams in this course work will be conducted in Block 0.

Block Zero provides key foundation science content as well as an Introduction to Medicine overview and Ethics & Professionalism in medicine. The block also grounds students in skills for their benefits to undertake the rest of the program and become physicians. Additionally, Block Zero offers IUHS introductory level assessments which allow the medical school to better determine individual student's starting points (relative to their reported grades on their pre-med college transcripts) as well as give key data to our Academic Enhancement team as to how best to work with each and every student going forward in the MD Program.

Block 1 - Introduction to Basic Medical Science

This block introduces the student to the medical sciences including biochemistry, pharmacology and cell biology. Students will also be introduced to the working tools of clinical medicine, which includes taking a patient history, performing physical examinations and learning to construct a differential diagnosis.

Block 2 – Microbiology and Immunology

An introduction to the study of microbiology, organisms involved in human diseases, virulence factors and principles of therapeutics. The medical immunology section will include a study of cells involved in the



immune response, humeral immune processes and the body's responses to disease and hypersensitivity reactions.

Block 3 - Respiratory and Cardiovascular Systems

The study of both normal and abnormal processes of the respiratory and cardiovascular systems. Students will learn the underlying anatomy, embryology, histology, biochemistry and physiology of these systems, and the microbiology of infections to which these systems are prone. Therapeutic intervention for each problem is discussed.

Block 4 - Endocrine & Reproductive Systems

In this block, the student will study the endocrine and male and female reproductive systems. The anatomy, embryology and physiology of these organs will be linked to the abnormalities that result in disease, and the treatment of these diseases will be examined. There is a major concentration on hormones, their biochemistry, and interaction.

Block 5 - Gastrointestinal and Renal Systems

Block 5 continues the study of Medicine focusing upon the gastrointestinal and renal systems. The anatomy and physiology of digestion and excretion are a major focus, as well as the many diseases involving these organs and their therapy.

Block 6 - Central and Peripheral Nervous Systems

An introduction to the field of neurosciences. Topics include gross anatomical structure & function, microscopic anatomy & function, neuro-physiology, pathology and microbiology of selected CNS diseases. Pharmacologic therapy for neurological problems is discussed.

Block 7 – Hematology, Muscle Disorders, Anatomy of the Extremities, Pathology, Dermatology, Behavioral Sciences, and the Febrile Exanthemas | Diseases of the Musculoskeletal System

This block focuses upon the peripheral blood, bone marrow blood, bone marrow and macrophage-phagocytic systems, the skin, and, and the related pediatric febrile exanthems. There is an intensive study



of all aspects of hematology and therapy of blood cell disorders. The histology, biochemistry and physiology of muscle including understanding muscular dystrophies, myelopathies and myasthenia will be studied. The anatomy of the skin plus the diagnosis and therapy of dermatoses and biology of viruses, and pathophysiology of various diseases such as smallpox, measles, rubella, herpes and varicella complete the subjects studied here. Anatomy and diseases of the musculo-skeletal system and its clinical implications are also covered in depth. Behavioral sciences topics which are important to clinical practice are discussed in detail.

Block 8 – The Head, Ears, Eyes, Nose and Throat, Dermatology, Congenital Anomalies, Tropical Diseases, Autoimmune Diseases, Legal Issues In Clinical Medicine And An Introduction To Epidemiology And Biostatistics

In Block 8 students progress to the study of the HEENT and integumentary organ systems. This block also includes a detailed study of specific infectious diseases, including tuberculosis, syphilis, HIV infections and tropical diseases. The mechanism of autoimmunity, and clinical aspects, laboratory diagnosis and therapy of specific autoimmune disorders including lupus, Sjogren's syndrome, and scleroderma are studied. Students study the complex interplay between embryology, infectious diseases, and environmental injury. Lectures include specific congenital anomalies and embryology of the head, face, G.I. tract, heart, great vessels and the central nervous system, epidemiology, biostatistics and environmental medicine. Various specific legal issues in clinical medicine are also covered in this block.

Block 9 - Comprehensive Assessment Program (CAP): A knowledge retention and review plus USMLE Step 1 Preparation

This block involves an extensive preparation for the IUHS Exit Exam and the United States Medical Licensing Exam (USMLE) Step 1. The combination of the transitional Blocks 9 and 10 prepare students for the challenges of the new USMLE Step 1 and transition to clinical rotations.

Block 9 is an integrated module that includes the following activities:

- A DAR 3 Assessment and which provides the basis for the sponsorship group and expected timeline to sit for USMLE.



- A series of General Assessment and Subject Exams provided by IUHS Academic Enhancement.
- All Students remediation exercises in Firecracker and 'USMLE World' based activities
- Insight sessions based on the deficits identified by the DAR Assessments
- Plan of study guided with oversight from several academic departments that Include: Academic committee; Data analysis team and Academic Enhancement Team
- Counseling and regular office hours are held weekly. Special sessions can be arranged by contacting Darex@iuhs.edu on licensing expectations and licensing protocol for US pathway, Canada and other jurisdictions. All departments maintain oversight on the email correspondence.

The DAR 3 exam is given at the beginning of the Block 9 activities provides reliable data about your knowledge gaps and readiness to sit for your Boards and your final preclinical exam Exit 1. After completion of the exam you will receive detailed feedback and remediation assignments for all the concepts you missed on your exam. The firecracker assignments will be immediately listed along with the questions you missed at the end of your DAR 3 EXAM. Based on the results of this exam we will place you in a step prep study program you will be streamlined into Sponsorship Groups A, B, or C (The grouping is based on exam score outcomes). Only you and the academic team will know your grouping.

After completion of Block 9 and 10 activities, students who have successfully completed all the assigned activities in Firecracker, passed assigned subject exams they are given that correlate with their identified deficits and passed the secondary Comprehensive Step prep exam and Exit 1 exam will qualify to receive sponsorship. You will be allowed will be allowed 3 more months of study and are permitted to apply for up to 18 weeks of clinical rotations, while waiting to take the Step 1 exam or MCCEE. The clinical rotations completed during this time will be entered into your official transcript record **ONLY after** successfully passing the required competency exam (Step 1, MCCEE, EXIT 1 or Approved substitute exam). These rotations will not count unless you pass the required competency exam. You cannot officially be moved from preclinical sponsorship until you pass the required exams. That is why we cannot enter your rotations



officially in your transcript until you have completed the preclinical curriculum which includes blocks 9 and 10.

The completion of the first nine Pre-Clinical blocks of the curriculum (i.e. Block Zero through Block 8) is marked from an educational process perspective by a progression from knowledge acquisition to knowledge management. The Comprehensive Assessment Program in Blocks 9 and 10 offers the student a comprehensive preclinical knowledge retention and review segment to prepare for the transition to Clinical Rotations, summative internal pre-clinical knowledge exams, as well as the USMLE Step 1. This component of the program is entirely driven by Academic Enhancement exercises and activities.

DAREx TESTING and Block 9 outline and syllabus:

What is the purpose of the DAREx testing and Firecracker exercises?

The DAREx testing is a series of Diagnostic and Retention exams that are comprehensive and designed in conjunction with Firecracker to identify gaps in a student's retention and understanding of fundamental knowledge. This knowledge is the basis of the student's medical education and required to pass the medical Boards specifically the USMLE Step 1, 2, 3 and the Canadian exams MCCEE and Qualifying exams 1 and 2. IUHS starts the series of DAR testing after Blocks 3, 6 and 8. We expect that the new DAR assessment testing and remediation will provide continual recognition and reinforcement of core knowledge throughout the preclinical curriculum leading to improved readiness to sit for Board exams. International University of the Health Sciences School of Medicine

The Complimentary Firecracker exercises are identified by the individual student performance on the DAR assessment exams. Questions that are missed on the DAR exams are coupled with remediation activities in the firecracker system. The remediation activities use adaptive learning techniques so students gain true proficiency. Firecracker exercises specifically help students commit to long term memory the fundamental concepts and knowledge required for success on your medical Boards. Firecracker uses proven customized adaptive learning techniques. Concepts are introduced using a flashcard system that requires the student to respond to questions in many different formats. IUHS has collaborated with Firecracker for over 18 months to develop this new teaching tool. We have mapped our lectures and



curriculum so students have access to supportive exercises for every lecture presented. The DAR exams provide students with individual gap analysis and customized remediation exercises allowing students to focus their effort and time more effectively and efficiently.

IUHS will also provide insight lectures throughout the Block 9 prep that correlate with the analysis of the data generated from the DAR exams. These lectures will include high yield information, test taking strategies and overall support.

Block 10 – Part 2 of Comprehensive Assessment Program (CAP) and Clinical Preparation

Block 10 completes the sponsorship blocks including final assessments and provides the final clinical preparations. This block ensures that students have robust preparation for their clinical studies and address any deficits they may have in their USMLE Step 1 preparation.

The final four weeks of Block 10 are the final Introduction to Clinical Medicine sessions to facilitate the students' transition to clerkship. Students are provided with informational sessions and materials designed to provide insight and instruction on topics which are essential to their clinical clerkship experiences. Topics include hospital safety, HIPAA training, electronic Medical records, ethics, cultural sensitivity, vaccinations, background checks, immigration and universal precautions. Clinical competency is assessed using DxR Clinician and Clinical Skills Examination interfaces. These state of the art interactive programs allow the University to perform student testing using standardized virtual patients to assess the student's abilities, knowledge and readiness to begin clinical rotations. The Physical Examination Competency testing is conducted with our Clinical faculty to prove proficiency in required Physical Examination Skills in a real patient setting. Students who did not have a mentor or have English as a second language will be required to complete a clinical skills instruction, assessment and proficiency program at their own expense.

The Academic Enhancement team will engage students following Blocks 9 and 10 and submit a report, plan and timetable for taking the USMLE Step 1 Exam. This timetable is determined in conjunction with the student based upon the student's individual diagnostic and performance results.



USMLE Step 1 Exam Options

IUHS's goal is to ensure that the every student is academically prepared to perform at the highest level. We believe that students who are able to contextualize their basic science knowledge perform better on the Step 1 exam. Therefore IUHS students are provided the privilege to participate in selected clinical rotations which will best enhance their core basic science knowledge. These selected rotations are determined with the help of the Academic Enhancement Team based on the student's CAP diagnostic testing results. All clinical rotations in the first 18 weeks will augment the students identified basic science deficits.

The medical school also recognizes that students who remove themselves for too long from the basic science pre-clinical curriculum will lose some of that knowledge. Therefore, IUHS students are only allowed 18 weeks of elective clinical rotations before they are required to take the Step 1 exam and MUST complete the Required DxR Clinical cases, DAR Assessment and remediation exercises and testing before being cleared for any Board exam or Exit exam.

Students who are in need of clinical skills will be required to complete a clinical instruction program. This program will be an extra cost to the student but will be followed by a clinical rotation and count toward the elective rotations.

Students who choose to participate in clinical rotations and delay taking the USMLE Step 1 Exam MUST register by week 14 of their clinical rotations for the USMLE Step 1 exam.

Students who follow the above noted IUHS policies, including successfully completing the 11 blocks of study and the IUHS Step 1 Sponsorship Examination will be sponsored for USMLE Step 1. If necessary, second or subsequent sponsorships for Step 1 are made following completion of a program of preparation designed by the Academic Enhancement department. Students must be in good financial standing with the University to be sponsored for all USMLE Steps.



Integrated Clinical Medicine (ICM) Program

The Integrated Clinical Medicine (ICM) program is a critical component of the IUHS Pre-Clinical Studies Program. The ICM program consists of two components, the virtual patient interface (DxR) and the “hands on” training of the mentor program (Associate Clinical Faculty). The goal of the ICM program is to familiarize pre-clinical students with essential competencies in medical documentation, interview and physical examination. These competencies are then supervised practiced and evaluated in a clinical setting with real patient encounters under the guidance of their mentor. The expectation is that IUHS students will gain a high level of competency, proficiency, understanding and intuitiveness about the clinical investigative and documentation process leading to more effective performance in their clinical clerkships. Students are afforded the opportunity to contextualize the knowledge taught in their pre-clinical blocks providing a more thorough and complete foundation to understand the importance and application of critical knowledge to a patient care setting.

Within the ICM Program, students learn to incorporate all aspects of the patient encounter: the initial interview, physical exam, ordering of tests, working diagnosis, treatment and how to properly manage and document the patient encounter in a clinical and hospital setting. Students learn the complex and meaningful integration of all the medical disciplines and the vital role of the practitioner in orchestrating patient care in the clinical environment.

Students are monitored for communication and documentation skills throughout the ICM program. The ability to communicate effectively and document in the proper accepted medical format is critical for all students. Effective communication is especially important for students whose second language is English as the USMLE Step 2 CS has implemented much higher testing standards for English competency to pass this board exam. In addition, residency programs and hospitals are also requiring the highest standards of English proficiency in the US, Canada, UK and Australia. Consequently, English proficiency and competency in all communication skills that affect medical performance is required to matriculate into clinical rotations in the United States, CA, UK or Australia. IUHS will provide assistance and guidance to students who need to improve their English language skills with special attention given to verbal communication skills and medical documentation.



IUHS students will spend approximately 30% of the Pre-Clinical basic sciences program engaged in “hands on” clinical-related studies.

Pre-Clinical DxR Cases

A key component of ICM is “DxR Clinician”, a new state of the art, interactive patient simulation program which students access online. DxR Clinician challenges IUHS students with a numerous virtual patient clinical cases.

Students are introduced to interviewing techniques and, through simulation, learn to investigate the patient problem using a standardized protocol. Students use simulated physical exam techniques, and learn the relevant lab tests necessary to develop a hypothesis list, diagnose the patient, and create a management plan. Students additionally are exposed to electronic medical records in a controlled setting which allows for improved competency before starting their clinical clerkships. DxR also teaches students to be efficient and competent with required tasks such as charting, patient management, SOAP note writing and H&P’s. At each step, the student can review the results and responses before making diagnostic and management choices. The student’s overall management of the patient is also reviewable. The DxR program allows IUHS faculty to evaluate the class and each individual students’ understanding of every vital area of patient care, including cost analysis and utilization. In turn, students receive an improved insight and understanding of their fundamental medical knowledge and skills. This process hopes to teach students the proper investigative process and documentation essentials.

Mentors

Every student is required to begin to work with mentors, whom IUHS refers as “Associate Clinical Advisors” from the beginning of Block 1. Mentors are physicians located in the student’s community who are willing to provide hands on training and instruction on physical examination techniques and patient care issues. They must possess a medical doctor degree such as an MBBS, MD, DO or equivalent and have a licensed active clinical practice. Clinical Advisors are vetted and approved before they are considered an IUHS Clinical Advisor. The University will send out an introductory letter to an approved mentor explaining the program with an application to join our Associate Clinical Advisors. While Associate Clinical Advisors are



not expected to be a content expert on every topic, they are provided with support from our IUHS faculty and a complete curriculum of our ICM program.

Associate Clinical Advisors (mentors) are expected to:

- Meet regularly with students and engage them in clinical experiences commensurate with the ICM program curriculum and students current block of study.
- Act as a catalyst to stimulate the student to explore current medical issues and work through problems which may arise in a clinical setting.
- Discuss and explore issues with students, bringing their clinical experience forward to explain the significance of important Medical Sciences and clinical issues. In addition, they will reinforce the key concepts and principles introduced through the case studies, as well as any other issues which arise in discussions.
- Assist the student in gaining extra clinical exposure where possible, aligned with the problems being studied.
- Provide opportunities to take patients' histories, write orders, and complete physical exams on patients when appropriate.
- Provide additional insights, commentary and inputs relevant to the students' needs.
- Assist in testing of these skills when necessary.
- Spend approximately 20 hours of contact time per month with the student in clinical activities.

The time can be distributed as the mentor determines.

Students are required to keep a log of the time engaged with their mentor, paying particular attention to the required block skills they have completed, procedures they have observed, and highlights of their clinical activities. Notes on patient encounters and a short write up of how the patient encounter is relevant to the block of study should be included when appropriate. Students will be required to attend



periodic grand rounds through our Blackboard interface and may be asked to present a case. The log needs to be signed monthly by the Associate Clinical Advisor and be submitted for academic credit.

All students must identify the name and address and email of their mentors and forward this information to the Clinical Department Director and IUHS Registrar at least 3 weeks prior to the start of classes.

For students who are unable to find their own mentors, the University will attempt to locate and employ practicing medical doctors. There may be extra fees assessed to these students for the mentor service.

Students who do not have mentors will be required to travel to sites for periodic faculty evaluations and instruction. The travel will be at the students' expense and they will be required to complete all the activities of the ICM program throughout the pre-clinical program before proceeding into clinical rotations. This may result in a delay in matriculation into clinical rotations.

What student supplies are required to begin Mentor activities?

Students are required to have the following items prior to working with their mentors:

- IUHS Student ID
- Stethoscope with a bell
- Small reflex hammer
- Sphygmomanometer
- Pen light
- White coat
- Current Bates text or equivalent instructional manual
- Otoscope (optional but highly encouraged)
- Ophthalmoscope (optional)



ICM Grades

Students' ICM grades are reported in two parts:

Participation with the mentor and evaluations on clinical skill performance, preparedness and professionalism: 35% of the ICM grade

DxR, H&P assignments, clinical case assignments, group participation and electronic submissions: 65% of the ICM grade

Overall Block Grade

Block based academic activities are combined to produce a student's Overall Block Grade.

- Block exam grades are reported separately on students' transcripts.
- Failure of any one of the three block activities results in a grade of Failure or Incomplete for the entire block.

The determination of the Overall Block Grade is a combination of the Block Exam (70%) and ICM activities (30%).

New Policies All Students:

- Block 1 students will be offered 3 attempts to complete their assigned DxR case
- All other blocks will be offered 2 attempts
- **Students, who receive or have received a score of 50-69% on their DxR Case (Low Pass) on more than 2 cases, will be required to complete additional active cases.** If the DxR program was launched while you were engaged in preclinical studies in 2012 and you were not assigned or required to complete DxR cases in those previous Blocks you can request from the DEAN of Academic Affairs, Dr. Andrew Merry an exemption from participation in the missing cases providing you meet the following criteria:
 - Have remained in good standing throughout the preclinical period both academically and financially



- Have achieved at least 2 High Pass grades on your completed DxR case submissions
- Have no failures or repeated blocks
- Remained active at all times and fully engaged without taking a LOA

What Students are required to complete Makeup DxR Cases?

Any student who received a grade of “Incomplete” or has missing DxR case assignments and have not been granted a waiver from the Academic Dean as described above. All make up cases are completed with another active Block and DO NOT need to be Block specific.

Assignment and grading of a makeup case

- A formal request is made to DxR from the student to dxr@iuhs.edu
- DxR adds the student to the extra active block after a formal request is approved
- All makeup cases are active block cases and do NOT have to be Block specific for the case the student missed or earned an incomplete grade.
- Students who have missed a case/s will be allowed to complete more than one active case during the active Block sessions.
- The additional case if successfully completed will be recorded by the registrar as the case they were making up.
- In the event that you have several cases to makeup, the registrar will enter the successfully completed makeup case grade for the lowest Block that has a missing case or incomplete grade.
- DxR will allow a student to remediate a low pass grade by completing another case. Students will need to make a special request to DxR@iuhs.edu and notify the registrar registrar@iuhs.edu that you wish to complete a DxR Case to remediate a low mark. Once permission is granted students will complete the case in compliance with the active Block due dates and expectations.



- If you are on an LOA you can request permission to complete missing assignments as long as the registrar approves it and you are in good academic and financial standing with IUHS.
- Students who wish to improve low scores in their DxR Cases can request to be added to the active cases and the lowest case score will be replaced with the new improved grade.
- If you are unsure if you have missing cases you must contact the registrar as we do not keep those records, please contact the registrar at registrar@iuhs.edu and she can provide that information.

DPM and Transfer Students

All DPM students and Transfer students who are in Preclinical studies are required to successfully complete 8 DxR cases. The cases can be taken in any order and multiple cases can be taken during an active Block. All regulations apply and cases will be graded with the Block they are assigned. More than 2 low pass grades will result in remedial assignments as described above.

*The academic Plan the Dean has provided will dictate your responsibilities.

ALL students are **required** to successfully complete a minimum total of 8 DxR cases to matriculate into Clinical Rotations unless a waiver is granted by the Dean of Academics

What is considered an active block case?

An active DxR block case is a case that is currently assigned to active block, posted on the "IUHS DxR Frontpage" and has not been graded

Makeup cases do not have to be block specific.

- The cases will be graded with the block it was actively assigned.
- The case that was completed to remediate a missing case will be recorded as the makeup for the lowest missing case.
- Students who have missed multiple cases will be required to complete successfully ALL the missing cases before being permitted to start clinical rotations. (At the Deans discretion students



may be prohibited from completing their Block 9 and 10 studies until the cases have been remediated).

- All Students must successfully complete 8 active cases to fulfill their ICM/DxR requirement.

***Students who have deliberately ignored emails and directives and participated in Block activities and exams and did not complete or attempt to complete their assigned DxR Cases will be prohibited from participation in Block 9 until all required cases have been remediated, if an LOA is required extra fees will apply.**

Case Access and Technical Support

How to Access your assigned cased:

1. Click on the link in virtual library labeled DxR clinician
2. Locate the directory labeled Pre-Clinical Cases with the block you are enrolled and click on that directory. You will see either 2 or 3 images of your assigned patient (This depends on your Block). Please select the first patient image on the far left of your screen. The patients are organized in sequential order starting from the left to right with attempt 1, 2 and 3. Remember: We only grade the highest attempt you submit for your final grade. So do not complete them out of order or you may not benefit from the extra attempts.
3. Click on the Patient attempt you wish to complete.
4. This will take you to a screen that says enter, click on it
5. A picture of your patient will appear
6. The screen will have a blank area for you to enter a name and password
7. In the name area write your assigned username (which is usually the same as your original blackboard username) The DxR passwords cannot be changed.
8. Then enter your original assigned password (which is usually the same as your original assigned blackboard password)



9. Press enter
10. Once you enter this information you need to look to the left bottom corner of the page a START icon/ button will appear, you must click on it to begin the case. When you return to the case the icon/button will say “continue”.

Tips for the Case and DxR technical Support:

- Review the student manual located below and on the front page of the DxR Site under the heading:
- Important Links
 - [Working Through a Case: Quick Reference](#)
 - [Student User Manual](#)
- Remember to **save your work** and always click done when you are moving to a new area.
- Copy your work to the notes section of the case or a word file on your computer (recommended) so you can retrieve it for reference and use in extra attempts.
- Review the audio instructions so you can listen to the heart and lung sounds properly
- Have a headset available for optimal sound
- READ THE INSTRUCTIONS WE SEND YOU!
- Check your computer for compatibility issues BEFORE you start the case and if you encounter a problem call the DxR Clinician support directly at this number:
 - Telephone Technical Support
 - 9 a.m. - 5 p.m. CT
 - 800 453-8040 Toll Free
 - 618 453-5287



- Fax your questions to 618 453-5309
- Email your questions to support@dxrgroup.com
- Contact IUHS DxR support from 10AM- 9PM EST for general questions about passwords and case information
 - dxr_Support@iuhs.edu OR
 - dxr@iuhs.edu



Clinical Medicine Program

After 92 weeks of pre-clinical studies, students spend 80 weeks of their medical study program in clinical facilities, often called “rotations” or “clerkships”. In the clinical facilities, the students learn the various clinical disciplines by ‘apprenticeship’ to specialists. Working under close supervision with experts, students learn to treat patients and to acquire the skills of communications, interviewing, history taking, physical examination and medical procedures. This is accomplished in hospital and clinic based models. Rotations are categorized into two sequential components: 48 weeks of prescribed core rotations; followed by 32 weeks of elective rotations. These are the minimum number of weeks which IUHS requires for students to qualify for graduation.

These core and elective clinical full-time rotations focus on the acquisition and maintenance of clinical and professional skills through various medical specialties in affiliated hospitals in many countries including the US, Canada, Mexico, UK, Australia and India. Students work directly with physicians and clinical staff in various care service delivery environments conducting physical examinations, history taking, case presentations and laboratory analysis.

Clinical Clerkship Planning:

Block 8:

You are required to submit:

- A tentative plan for your clinical rotations to Mr. Clark Kenowitz at clark@iuhs.edu. The clinical Department will contact you during Block 8 to start this process. This plan will help IUHS to prepare opportunities for your clinical education.
- Remember making local hospital affiliations can take a significant amount of time and early planning assures a timely transition into clinical rotations without delays.
- Submit a tentative financial planning schedule for rotations. This is very important since working during your clinical years is not possible.

Block 10:



- You must submit a comprehensive detailed plan in coordination with the clinical department for your clinical rotations.
- You must submit a comprehensive financial plan for clinical years 3 and 4.
- You will need to file your ECFMG 186 form. This form allows you to sit for the USMLE Step Exams.
- Completion of all ICM activities

Start thinking about:

- Start preparing the ECFMG 344 and 345 forms
- Personal Statement planning for ERAS (It's never too early to plan for residency)
- Identify residency programs that “match” international graduates and have residency programs in the discipline you wish to pursue.
- Electives that are most beneficial to your residency goals
- Students must request a LOA if they need more than 2 months off for USMLE prep

What must be completed by all students to participate in Clinical Rotations?

- Verification of good standing with IUHS academic and financial departments
- Completions of all ICM required activities and Clinical Skills assessments
- Comprehensive plan/timeline for taking USMLE Step 1
- TB/PPD less than 1 year old
- Current Immunization Record
- Criminal Background Report
- CV/Resume
- 10 panel Drug Screening



- Blood borne pathogen training
- OSHA safety measures and infection control certification
- HIPAA instruction certification
- Proof of student's health insurance
- Proof of passage of USMLE Step 1 *
- Proof of passage of Step 2 CK and CS*
- Official affiliation agreement*
- Completion of ACLS or PALS certification

*Upon request by the institution or hospital site

These documents will be made available upon request to affiliate Hospital's, Clinic's or Preceptor's prior to matriculation of the clinical rotation. These records will be updated periodically and will be re-issued as necessary or required by the participating medical institutions. You should begin assembling these documents when you are in Block 8 to make a smooth transition into clinical rotations.

The following documents must file before a student can begin a scheduled Clinical Rotation:

- A Clinical Rotation Approval Form (CRAF) before beginning any clinical rotation. The CRAF forms are available through the clinical department director, Clark Kenowitz and must be approved by the Dean.
- Confirmation CRAF (CCRAF) form submitted the first week of your clinical rotation to confirm preceptors contact information and start date
- You are required to be in good standing both financially and academically.
- Proof of Liability Insurance issued directly for the student and Rotation location (1 million/3 million standard US policy) (IUHS now offers 2/6 million liability coverage) We also have a 5 million General Liability coverage for students who are rotating at institutions that require this coverage



- A Letter of Good Standing
- Immigration papers (non-US citizens)

The IUHS Clinical Department will work with you to tailor a clinical program that best fits your needs. Specific attention needs to be given to the rotation restrictions and licensing requirements in the state/jurisdiction you wish to practice. Licensing regulations may change in your jurisdiction and **it is your responsibility** to help us plan for your clinical rotations by staying current on those regulations.

Procedures for Obtaining Clinical Rotations

Students must begin the process early enough to assure timely entry into the clinical clerkships. The medical school will use established relationships and training sites to help locate appropriate clinical rotation training. Core rotations are strongly recommended to be completed in an ACGME approved program. Students may request specific clinical sites to complete their clinical rotations. IUHS will investigate the site to determine if it is an appropriate venue to engage in clinical clerkships. If approved, IUHS will handle the necessary administrative processes. International students coming to the US for clinical rotations are required to complete numerous immigrations documents this process is complicated and time consuming so it must be started early to avoid delays in the educational process. This process will be guided by the IUHS Clinical Department.

The clinical rotation process begins by obtaining a Clinical Rotation Approval Form (better known as a CRAF) and allows the Clinical Dean and Department to review students' requests for clinical rotations and determine if they meet the requirements of the department. The CRAF can be obtained from IUHS clinical department personnel. The CRAF must be submitted at least one week prior to the proposed start date of a rotation. All rotations must be a minimum of 4 days a week/30-40 hours per week

If approval is granted, liability insurance will then be issued for the dates and institution when/where the clinical rotations commence.

When a clinical rotation begins, each student is required to submit a CCRAF (Confirmation Clinical Rotation Approval Form). This form gives IUHS another confirmation of the actual start date of the clinical rotation



and provides vital information about the preceptor for our records. Often clinical rotations have changes in schedules and preceptors. The CCRAF form is designed to provide IUHS with all the updated contact and rotation information.

The IUHS Clinical Affairs Office must approve all agreements and implement contracts for all clinical rotations with participating hospitals, without exception. No clinical rotations will be accepted retroactively – i.e. without prior approval from the Clinical Affairs Office, and clinicals undertaken without official prior approval are not covered by IUHS insurance arrangements and will not be recorded on student transcripts.

Tips to Locate Local Clinical Rotation Opportunities

Students that have personal connections with hospitals or clinics and wish to utilize these connections and preceptors for rotations the sites and preceptors must be vetted by the clinical director and all clinical rotation agreements must be completed before any clinical rotations can begin. The IUHS Clinical Department will attempt to obtain an official affiliation agreement with the hospital or clinic if one does not already exist. This agreement will need to be in effect before the hospital will allow the student to engage in a clinical clerkship.

It is recommended that students who are trying to locate clinical opportunities within their communities proceed by following steps:

- Determine which hospitals in your area allow clinical rotations. Those which are affiliated with other Medical School teaching programs are highly recommended. (ACGME affiliated or approved programs are highly encouraged and often required by some US State Licensing Boards for core rotations to be approved.)
- Meet with your mentor or a program administrator and determine which of the rotations (core or elective) are possible in the chosen hospital(s).
- Arrange a meeting with the person responsible for the educational program in the desired hospital(s) and determine what they require for your participation.



- IUHS will coordinate directly with the hospital to obtain an official affiliation agreement and provide it with the medical school's proof of insurance.
- If the hospital is under an exclusive contract with another medical school, students will need to contact the specific medical school's clerkship coordinator and find out if they can participate with the program as a visiting medical student. Every school varies in its policies and procedures for this process.
- Outline the 48-week clinical core clerkship.
- Determine the fees involved and method of direct payment to the healthcare institution.
- Meet with any other hospital staff and medical school staff if necessary.
- At any step in this process you may call upon IUHS staff for assistance.
- Once the hospital/facility has expressed the possibility of allowing a student to obtain rotations with them, immediately notify the Clinical Director's office of (a) the specific potential rotations, (b) the hospital/facility in which they would occur, and (c) the appropriate contact person/people.

Preceptor Evaluations

Residents and attending physicians are required to complete evaluations of clinical students' performances at the end of rotations. Rotations are not considered complete unless the evaluation is recorded. The evaluations will be sent to the Clinical Department directly from the physicians and once received, rotations are considered complete.

The clinical evaluation process is becoming automated and IUHS will accept either manual or electronic formats of these forms. However, it is the student's responsibility to make certain that each attending physician submits his or her evaluation at the completion of each rotation. If there are difficulties with sending in the evaluation, the Clinical Department will contact all relevant parties. Evaluations are very important and must be completed and submitted to IUHS at the end of all rotations.



Student Log

Students must to keep a Patient and Procedure Log which lists the number of patients they have seen, worked up, or with who they have been involved, as well as noting all the procedures performed. This log can be submitted to IUHS Clinical Affairs office or maintained by the student. This log may be of assistance to students when they are petitioning for licensure. Only age and sex are to be used as patient identifiers when preparing write-ups and logs and all related matters must be in compliance with HIPAA regulations.

Conduct During Clinical Rotations

During those periods when students are enrolled in approved IUHS clinical rotations, it is a requirement that they do not undertake any other clinical activities at the same time, irrespective of whether or not they hold a license or other permit or approval to practice as a health professional. IUHS insurance arrangements pertain strictly and explicitly to activities undertaken by the student in the context of the approved clinical rotation, and therefore as directed by the supervising attending clinician, and do not extend to any other activities, nor to any patient-related activities that would not normally be undertaken by a clinical medical student.

While attached to any clinical institution, the student must comply in every respect with the code of conduct and regulations of that institution, and is subject to any disciplinary procedures of that institution; the student remains subject also to IUHS code of conduct and regulations, as well as to our disciplinary procedures.

Planning For Your Future

As every country, jurisdiction and medical specialty has different requirements for licensure, students are advised to inquire and adjust their core and elective rotations to reflect those requirements. Students should also be aware that some residencies require a minimum number of clinical weeks in specialty areas in order to apply for a position with their programs.



Required Core Rotations

The first 48 weeks of prescribed core rotations are the foundation of the student's clinical education framework. Therefore we encourage the student to schedule core rotations during their 3rd year. IUHS is flexible with clinical schedules due to our diverse student population and the ever changing demands of global jurisdictions.

The core studies consist of the following:

- 12 weeks Internal Medicine
- 12 weeks Surgery
- 6 weeks Obstetrics and Gynecology
- 6 weeks Pediatrics
- 6 weeks Psychiatry
- 6 weeks General Family Practice

Elective Clerkships

The 32 weeks of elective rotations are sub-specialties. Students can choose to specialize in areas of most interest to them and to their future career. Students should carefully consider the rotation requirements of the residency program they are considering when choosing elective rotations.

Elective rotations may include but are not limited to, such specialties as the following:

- Allergy and Immunology
- Anesthesiology
- Cardiology
- Clinical Physiology
- Colon and Rectal Surgery



- Critical Care Medicine
- Dermatology
- Emergency Medicine
- Endocrinology and Metabolism
- Epidemiology
- Family Medicine
- Gastroenterology
- Geriatric Medicine
- Hematology
- Infectious Disease
- Laboratory Medicine
- Neonatal Medicine
- Nephrology
- Neurology
- Nuclear Medicine
- Oncology
- Ophthalmology
- Orthopedics
- Otolaryngology
- Pathology
- Pediatric Surgery



- Physical Medicine & Rehabilitation
- Plastic Surgery
- Podiatry
- Preventive Medicine
- Pulmonology
- Radiology
- Respirology
- Rheumatology
- Sports Medicine
- Thoracic Surgery
- Urology
- Vascular Surgery

Affiliated Clinical Hospitals

The IUHS Clinical Affairs Office will provide students with assistance in securing clinical rotations in affiliate hospitals in St. Kitts, United States, UK, Australia, India, Mexico and other appropriate jurisdictions. The student will be assigned to one of our affiliate programs if they are unable to arrange their own clerkships.

Students who have hospital privileges or relationships with clinical sites are afforded the opportunity to make arrangements with the approval of the IUHS Clinical Dean and the Clinical Department to complete their rotations at these hospitals.



Technology & Communications

Academic Delivery Platform

IUHS uses Blackboard Learn as its academic delivery platform to facilitate interactive instruction and group study. The core Pre-Clinical lectures feature Omni-way audio, multi-point user video, interactive whiteboard, application and desktop sharing, rich media, breakout rooms, and session recordings (accessed directly through the IUHS Bb portal or the 'Virtual Library' on the IUHS student portal). The technology team will provide a series of help guides for using the platform.

Email Address Notice and Disclaimer

IUHS issues an email address to students who enroll in the MD Program. Students must often and regularly check their iuhs.edu email account for important academic and administrative communications. IUHS also provides an email forwarding service for alumni.

Opinions expressed through iuhs.edu email addresses do not necessarily represent the official views of the IUHS School of Medicine.



University Policies – Attendance and Withdrawals

Pre-Clinical Attendance Policy

All students are required to attend all lectures either live or archived. Any student who misses over 20% of lectures in a given course will be brought to the attention of the Dean of Pre-Clinical Studies for possible course withdrawal and/or other actions.

Clinical Medicine Attendance Policy

Attendance at scheduled classes within clinical rotations is required. Students must be aware that most U.S. jurisdictions and the medical licensing boards of many countries require specific, minimum time “in attendance” at medical school for licensure. Therefore, failure to attend scheduled classes may jeopardize the granting of an IUHS degree and/or U.S. or international medical licensing to practice medicine.

If illness or other emergency prevents attendance at class or clerkship, and especially if an examination is involved, the student must inform the instructor and the Registrar. Requests for anticipated absence should be filed well before the occasion. Emergencies should be called in when they occur. For their protection, students should provide detailed information in writing of their absence. Clinical students should be wary of relying on a resident’s permission or memory. Disputes of this nature are common. The best protection for a student is a written report promptly submitted to the Registrar. Unexcused absences from clinical classes, rotations, or examinations are serious academic matters.

IUHS policy allows ten days total absence from all clinical rotations in total with a maximum of five days absence from any one rotation. Absences by fourth year students for residency interviews are a special condition.

Withdrawals from and Re-admission to IUHS

A student who decides to withdraw from IUHS School of Medicine must provide written notice by email to both registrar@iuhs.edu and finance@iuhs.edu. Verbal communications, communications with other IUHS administrative or academic staff, or non-communication are not valid notices of withdrawal.



Students who have been withdrawn (by student request or administrative actions) must apply for re-admission if they wish to return to the University. Re-admission is not guaranteed. The re-admitted student is subject to all academic policies and tuition and fees in effect at re-admission,

Academic Integrity Policy

IUHS students must adhere to the highest standards of academic and personal integrity. Academic integrity includes a commitment to the values of honesty, trustworthiness, fairness, and respect. These values are essential to the overall success of an academic society. Personal integrity is also expected and criminal behavior outside of IUHS will be considered a violation of a student's obligation while enrolled at IUHS and may be grounds for dismissal from the University.

In addition, each member of the University community has a right to expect adherence to academic integrity from all other community members.

An individual's academic dishonesty threatens and undermines the central mission of the University. It is unfair to other community members who do not cheat, because it devalues efforts to learn, to teach, and to conduct research. Academic dishonesty interferes with moral and intellectual development, and poisons the atmosphere of open and trusting intellectual discourse.

While the policies and procedures in this document pertain in the main to students, it is also the policy of IUHS University that all instructors, administrators, and staff shall adhere to academic integrity standards expected of academic professionals.

Academic integrity is violated by any dishonest act which is committed in an academic context, including, but not restricted, to the following:

- Plagiarism is the use of someone else's language, ideas, information, or original material without acknowledging the source.
- Presenting false or incomplete information to the University administration, staff, Deans or faculty in relation to academic, clinical or mentor activities.
- Enrolling in another MD program simultaneously without permission from the Academic Dean.



- Altering transcripts information to any authority or University
- The use or attempted use of unauthorized aids in examinations or other academic exercises submitted for evaluation.
- Fabrication, falsification, or misrepresentation of data and results.
- In clinical practice, as in reporting experiments, measurements, statistical analyses, tests, or other studies never performed.
- Manipulating or altering data or other manifestations of research to achieve a desired result. selective reporting, including the deliberate suppression of conflicting or unwanted data;
- Copying from another student's work.
- Actions that destroy or alter the work of another student.
- Unauthorized cooperation in completing assignments or examinations.
- Violating the confidentiality of an academic integrity investigation, resolution, or documentation.
- Making a false report of academic dishonesty.
- Dishonesty in requests for makeup exams, for extensions of deadlines for submitting projects, or in any other matter relating to a course.
- Falsification of records, reports, or documents associated with the educational process.
- Misrepresentation of one's own or another's identity in an academic context.
- Alteration or falsification of University records.
- Unauthorized use of University academic facilities or equipment, including computer accounts and files.
- Unauthorized recording, sale, purchase, or use of academic lectures, academic computer software, or other instructional materials.



- Expropriation or abuse of ideas and preliminary data obtained during the process of editorial or peer review of work submitted to journals, or in proposals for funding by agency panels or by internal University committees.
- Expropriation and/or inappropriate dissemination of personally-identifying human subject data.
- Unauthorized removal, mutilation, or deliberate concealment of materials in University libraries, media, laboratories, or academic resource centers.
- Students who violate any of the above rules may be subject to the following sanctions:
- Results being delayed or declared void.
- Permanent annotation of their IUHS transcript with the statement “Irregular Behavior/Security Violation” and would be seen by any entity which receives their transcript such as residency training programs and state licensing authorities.
- Academic Probation.
- Expulsion from the University.
- Revocation of a degree.

Students who are placed on academic probation for dishonesty or a violation of any of the above academic integrity policies may be subjected to more stringent oversight and scrutiny and may be required to adhere to specified restrictions during exams and other assessments. In some cases, students on academic probation will be required to participate in academic counseling sessions

Student Code of Professionalism

The International University of the Health Sciences’ Code of Professionalism identifies and describes the values, virtues, and principles critical to students pursuing the study of the art and science of medicine. The Code reinforces the importance of serving patients competently and compassionately, as well as the profession and society with honor.

Students of medicine will find that the Code of Professionalism has a threefold purpose:



To assist students, as they consecrate themselves to a set of eternal guideposts which will shape their thoughts and actions, especially in the midst of the demands of their studies and the eventual practice of their profession.

To testify to them, the necessity of being both responsible and accountable.

To uphold to them, the virtues of honesty and respect, which they understand to be essential to their identity and integrity as professionals.

The IUHS Code of Professionalism is a living, vital concept, subject to ongoing reflection, dialogue, and change, especially as experience is gained with its impact on:

The formation and sustenance of the therapeutic relationship between patients and their physicians.

Effective collaboration between physicians and other health care professionals.

The relationship between the student/physician and the greater community.

The cultivation of a medical professional worthy of the public trust.

(DISCIPLINARY HANDBOOK AND PROCEDURES BOOK IS AVAILABLE IN THE VIRTUAL LIBRARY AND UPON REQUEST

Non-Discrimination Policy

The University is committed to a policy of equal opportunity for all members of the University community, including, but not limited to, members of the faculty and staff, students, guests of the University, and applicants for employment and admission. In this regard, the University reaffirms the right of its students to live and learn, and its employees to teach and work, in an environment free from harassment and inappropriate and/or offensive comments or conduct.

The University encourages a workplace and learning environment free of discrimination, harassment, and/or inappropriate treatment of any employee, student or guest because of any person's race, sex, color, creed, religion, age, national origin, sexual orientation, veteran status, gender identity, gender expression, disability, or any category protected under federal, state or local law. To be unlawful, conduct



must be sufficiently serious that it unreasonably interferes with an employee's ability to work or a student's ability to learn or benefit from the University's programming. The University does not, however, condone or tolerate any inappropriate conduct, whether by employees or non-employees, based on a person's race, sex, color, creed, religion, age, national origin, sexual orientation, veteran status, gender identity, gender expression, disability, or any category protected under any federal, regional, state, provincial or local law.

Jurisdiction

In the event of any dispute arising under or in connection with the student's application, attendance, participation, grades, examinations, clinical rotations, interactions with University personnel, tuition fees or related in any way of being an applicant, student or graduate of this University, it is agreed that the exclusive legal jurisdiction will be the Eastern Caribbean Supreme Court Federal and its Magistrate Courts located in St. Kitts and the rights of the parties shall be governed by the laws of the Federation of St. Kitts and Nevis. The parties waive any right to object to the forum on the grounds of *non conveniens*.



Administration and Faculty

Administration

IUHS Board of Directors

Email: board_of_directors@iuhs.edu

Members:

- Juliana Furay PhD - Chairman
- Andrew Merry PhD – Vice-Chair
- Gillian Skerritt- SKN Founding member, Corporate Secretary
- Paige Stewart – IUHS School of Medicine Founder
- Edwin Hamilton Esq. –Chief legal Advisor
- Thomlin Paul, MBBS
- Isaac Myers MD, MBA
- Hurley Myers PhD
- Valarie Andersen – Administrative Corporate Secretary

Vice President, Strategic Initiatives,
(IUHS program development)

Clinical Advisor

Juliana Furay PhD

Director of Finance

Email: finance@iuhs.edu

John Walton

Registrar/Student Support

Email: registrar@iuhs.edu or studentsupport@iuhs.edu

Valarie Anderson

University Administrator St Kitts

Gillian Skerritt



Director/Dean Academic Enhancement

academic_enhancement@iuhs.edu

F. Lowell Clark MD

Director, Student Development and Admissions and First Year Student Support/Student Support

Email: admissions@iuhs.edu or First_year_Student_Support@iuhs.edu

Paige Stewart

Director of Clinical Studies

clinicals@iuhs.edu or Clark@iuhs.edu

Clark Kenowitz

Student Finance Specialist

Evelyn Thordarson

Manager of Student Loan Accounts

John Walton

IT Support Specialist (Blackboard, Google Calendar, Lecture scheduling)

Email: technicalsupport@iuhs.edu

Gary Piotrowski

IT Support Specialist (DxR Clinician, Step Prep DAR, Firecracker)

IUHS Analytics director

Email: analytics@iuhs.edu

Anthony Curi

IT Support Specialist (St. Kitts Campus)

Frederick Gillard II



IT Support Specialist (Winnipeg Admin Office, Database, Email, Blackboard, Exam Master, Firecracker, Examinations, Virtual Library)

Email: ihssupport@iuhs.edu

Mueed Mirza

Faculty - Deans

Dean of Academic Affairs

Andrew Merry, PhD

Dean of Pre-Clinical Medical Sciences Program

Neil Shocket, MD

Dean of Clinical Program

Steven Khan MD

Associate Clinical Deans:

Sarath Jayawardana MD – Australia

Anthony Coker MD - US and Canada

Dean of St. Kitts Campus

Andrew Holness, MBBS

Faculty – Professors

David Colby, PhD, MD

Cecil Cone, MD

Terriann Crisp, PhD

Scott Diering, MD

Christopher Keller, PhD

Alan Khan, PhD, MD

Caroline Lawrence, MBBS

Kim Moscatello, PhD

Sabyasachi Moulik, PhD

Tom Pierce, PhD, MBBS

Motashem Samsam, PhD, MD

David Seastone, PhD, DO

Shawn Sweeney, PhD



Contact Information

Student records and ECFMG	registrar@iuhs.edu
Student tuition fees and other financial issues	finance@iuhs.edu
Applying to IUHS	admissions@iuhs.edu
Pre-Clinical Medical Science Program	preclinical_program@iuhs.edu
Clinical Studies Program	clinicals@iuhs.edu
Licensing, ERAS and Residency	academic_affairs@iuhs.edu
Academic Enhancement	academic_enhancement@iuhs.edu
Technology Support	technicalsupport@iuhs.edu
iuhs.edu student email	ihssupport@iuhs.edu
Google calendar, Blackboard, Firecracker, Online proctoring, Virtual Library	ihssupport@iuhs.edu
DxR Clinician	dxr@iuhs.edu
Student Support	studentsupport@iuhs.edu
First Year Student Support	first_year_student_support@iuhs.edu
DAR Assessment exams	darex@iuhs.edu

IUHS Administrative Office

2025 Corydon Avenue, Suite 203

Winnipeg MB. R3P 0N5

CANADA

IUHS St. Kitts Campus

PO Box 1267

Brannigan House

Wigley Avenue and Wilkin Street, Fortlands, Basseterre

St. Kitts, West Indies



Student's Acknowledgement

Student's Acknowledgement of the IUHS School of Medicine

IUHS Student Handbook

I acknowledge that I have received and read the attached IUHS School of Medicine Student MD Program Student Handbook (January 2017 edition), and I agree to abide by the terms, rules and regulations detailed therein. If I had any questions regarding the attached handbook, I have already communicated directly with the IUHS Registrar (registrar@iuhs.edu) or Finance Department (finance@iuhs.edu) and have received a satisfactory answer or explanation.

X _____

Name _____

Date _____

Email this signed and completed page to registrar@iuhs.edu