Interdisciplinary

IDSP 800. Special Programs. 1-8 Hours.
Electives taken during the basic science years of institutions other than KUMC or at KUMC but in departments that do not have an elective course number. These courses include, but are not limited to, a research training experience or a clinical training experience, during the summer session between the first and second years of medical school. The application form, obtained from the Office of Student Affairs, School of Medicine, must contain a written description of the educational experience, the reason for proposing such a program, and written indication of faculty or supervisory personnel of their willingness to evaluate the student's performance. Elective credit will be accrued at the rate of four credits for eight weeks, three credits for six weeks, two credits for four weeks, or one credit for two weeks. Prerequisite: Approval of student’s special program mentor, special program advisor and Associate Dean for Student Affairs. FLD.

IDSP 801. Remedial Program. 0-12 Hours.
Medical students will be enrolled in this course when the Academic Committee of the School of Medicine recommends a remedial program for a student who has failed a course. Remediation may take place at KUMC or at another institution. Evaluation of the student's performance must be obtained from the remedial program director upon completion of the remedial program. Prerequisite: Approval of Associate Dean for Student Affairs. FLD.

IDSP 802. Diversity and Cultural Competency in Medicine. 3 Hours.
The primary purpose of this course is to provide medical students at the University of Kansas School of Medicine with the critical knowledge, skills, abilities, and attitudes necessary for cultural competency in medicine. This course will empower student to develop the attitudes, skills, and knowledge base necessary to effectively serve diverse populations, especially the underserved, vulnerable, and at-risk populations. In addition, students will learn more about diversity and diverse populations. Students will learn that diversity is each of us and all of us, and that it is necessary to treat each person as the unique individual he/she is. There are many complex issues surrounding the provision of health and social services in this state, the nation, and the world. Differences in language, age, culture, sexual orientation, life experiences, socioeconomic status, political and religious beliefs add challenging dimensions to healthcare delivery and education. The State of Kansas and the nation is becoming increasingly diverse. It is improbable that current medical students will become physicians who serve only those with whom they share a common background. Therefore, it is necessary that medical students learn to understand and appreciate those who differ from them so that the physician/patient relationship is one that is mutually beneficial. Those students who successfully complete this course will have the skills they need to be the world class physician the future requires. FLD.

IDSP 804. Special Experience. 0 Hours.
Medical students will be enrolled in this course when the Associate Dean for Student Affairs, the Associate Dean for Academic and Student Affairs, or the Academic Committee approves a program for a student that may include a prolonged absence from the School of Medicine. The student’s experience may include, but is not limited to, a fellowship, research, or Master’s program. The student will not receive credit, a grade, or evaluation of their performance. LEC.

IDSP 805. Enrichment Program. 0 Hours.
Medical students will be enrolled in this course during the clinical years when no other rotations are scheduled for the student. IND.

IDSP 850. Introduction to Clinical Research. 1 Hour.
The course will provide a comprehensive overview to clinical research. The student will gain an understanding of how to develop clinical research questions including protocol design and the factors that should be considered in initiating a clinical research study. This will include biostatistical considerations, the recruitment of study participants, regulatory issues, and data management, and defining measures and instruments. Students will gain knowledge of how to define clinical research among the various institutional entities involved with clinical research at The University of Kansas Medical Center such as the Research Institute (RI), General Clinical Research Center (GCRC) and the Human Subjects Committee (HSC). Additionally, one component of the course will focus on how to apply for funding (grantsmanship), critical appraisal of research studies, and how to present research data. LEC.

IDSP 900. Special Program. 1-12 Hours.
A special program is any scholastic activity that departs from the required or elective modules of the curriculum at KUMC and for which the student expects to receive credit toward the M.D. degree. Any student enrolled in medical school is eligible to apply. The application form is initiated in the Office of Student Records and Registration. In addition to this form, the application must contain a written description of the type of educational experience sought and the reason for proposing such a program; written indication of faculty or supervisory personnel of their willingness to participate in the program and to evaluate the student’s performance; source of scholarship, fellowship, travel, or research fund when these funds constitute support of an integral part of the program. If the special program involves study in an area identifiable by department (medicine, Surgery, Gynecology-Obstetrics, etc.) approval by the chairperson of the respective department or designee must be obtained. No more than two modules may be substituted by a special program. The application must
be submitted at least two months before the expected starting date of the program. Offered in Modules I-XII. Prerequisite: Approval of Dean. FLD.

**IDSP 910. Medical Spanish-Level 1. 2 Hours.**
This is an entry level Medical Spanish course for students with minimal or no Spanish language education. Students completing this course will have acquired the language skills necessary to interact at a basic level in a medical context. Students will learn how to introduce themselves, greet patients, obtain personal information, ask about symptoms, and describe medical conditions. In addition, students will be able to hold basic conversations with patients about pain, diabetes, diet, trauma, cardiac issues, depression, and anxiety. Students will also be able to use and recognize basic cultural practices such as forms of address, family structure, beliefs about medicine as well as how to work with a translator. Prerequisite: Minimal to no knowledge of Spanish language and approval from the Dean of Student Affairs. LEC.

**IDSP 911. Medical Spanish-Level 2. 2 Hours.**
This is an intermediate-low level Medical Spanish class. In Medical Spanish level 2 students build on what they have learned in the previous level. They expand their vocabulary skills to include medical specialties and procedures as well as their ability to describe medical conditions. Students begin to learn to ask about and express past actions and conditions. They also learn to give specific advice and directions to medical personnel and patients. By the end of the course, students will be able to hold conversations on STIs and reproduction, MI symptoms and anatomy, respiratory concerns, pregnancy and prenatal-care, drug and alcohol abuse, strokes, surgery procedures, pharmacy and drugs and elder care. Students will also be able to understand culturally specific approaches such as the meaning of death, modern medicine and "fatalism" among many others. CLN.

**IDSP 912. Spanish for Health Care Workers. 2 Hours.**
This is an advanced Medical Spanish course for students with prior knowledge of Spanish. The class requires students to conduct medical encounters in Spanish, and thus, only those at a set proficiency level will be invited to enroll. Completion of Medical Spanish I and II (or equivalent) and a score of at least "Approaching Proficiency" on the Clinician Cultural and Linguistic Assessment (CCLA) are prerequisites for enrollment. The CCLA is a tool developed by Kaiser Permanente designed to assess physicians’ ability to communicate directly with target language-speaking patients in a primary care medical setting. Students completing this course will have acquired the language skills necessary to successfully conduct the most common patient encounters in a clinical setting. Students will also be able to use, recognize and appreciate basic cultural practices such as forms of address, family structure and beliefs about medicine and illnesses. Prerequisite: Permission of the instructor required; completion of Medical Spanish I and II (or equivalent); and, a score of at least "Approaching Proficiency" on the Clinician Cultural and Linguistic Assessment (CCLA). FLD.

**IDSP 950. Introduction to Clinical Research. 1 Hour.**
The course will provide a comprehensive overview to clinical research. The student will gain an understanding of how to describe clinical research questions including protocol design and the factors that should be considered in initiating a clinical research study. This will include biostatistical considerations, the recruitment of study participants, regulatory issues, and data management, and defining measures and instruments. Students will gain knowledge of how to define clinical research among the various institutional entities involved with clinical research at The University of Kansas Medical Center such as Research Institute (RI), General Clinical Research Center (GCRC) and the Human Subjects Committee (HSC). Additionally, one component of the course will focus on how to apply for funding (grantsmanship), critical appraisal of research studies, and how to present research data. Must have instructor permission to enroll. LEC.

**IDSP 965. Health Data Theory and Practice. 2 Hours.**
Principles of database theory, modeling, design and manipulation will be introduced. Students will have experience using a relational database management system. Database manipulation will be explored using structured query language (SQL) to compose and execute query statements and critically evaluate the results. IND.

**IDSP 970. Introduction to Health Informatics. 2 Hours.**
This course will provide a broad survey of health informatics focused on five themes: health informatics foundations; clinical decision support; human factors/organization factors; public health informatics and current issues in health informatics including best practices. Students enrolled for the optional 3 credit offering will develop and demonstrate a practical, innovative small-group information technology (IT) project from one of the set of faculty recommended projects or from a student-proposed idea. IND.

**IDSP 975. Health Care Policy Development. 4 Hours.**
Health care policy is having an increasing impact on the patient-physician relationship. In addition, these policies address critical issues affecting patients, such as access to care and health care financing. Although input from physicians on these issues is crucial, physicians are infrequently aware of the mechanisms through which they can participate in the legislative or regulatory processes. As efforts continue to reform the health care system, it will be increasingly important for physicians to participate in these processes. LEC.