

## Internal Medicine—IM

**602 Primary Care Ambulatory Clerkship**  
Fall, Spring, Summer. 1 to 36 credits. A student may earn a maximum of 36 credits in all enrollments for this course. Interdepartmental with Osteopathic Medicine; Osteopathic Surgical Specialties; Pediatrics; Psychiatry; Family and Community Medicine. Administered by College of Osteopathic Medicine. RB: Successful completion of the preclerkship requirements in College of Osteopathic Medicine Units I and II.

A 24-week ambulatory care continuity experience involving 12 weeks in a multidisciplinary environment (family medicine, pediatrics, and internal medicine), 4 weeks in family medicine and 8 weeks in specialty areas (internal medicine, surgery, pediatrics, and obstetrics and gynecology). Didactic sessions are scheduled concurrently.

**618 Clinical Tropical Medicine**  
Fall. 2(2-0) SA: CMS 618

Selected topics such as African AIDS, malaria, onchocerciasis, tuberculosis, and schistosomiasis. Pathophysiology, treatments, epidemiology, current research, and controversies.

**620 Directed Studies**

Fall, Spring, Summer. 1 to 30 credits. A student may earn a maximum of 48 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Individual or group work on special problems in medicine related to internal medicine.

**621 Clinical Tropical Medicine Clerkship**

Spring. 1 to 20 credits. Spring: Malawi, Central Africa. A student may earn a maximum of 20 credits in all enrollments for this course. RB: (IM 618) R: Open only to graduate-professional students in the colleges of Osteopathic and Human Medicine in final year. SA: CMS 621

Supervised clinical experiences in a large African teaching hospital and its outpatient clinics; students must spend at least six weeks on site. Small group discussions led by MSU faculty.

**650 Medicine Clerkship**

Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 20 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Clinical exposure in osteopathic medicine. Program developed to achieve proficiency in motor skills and aptitudes; comprehension of concepts and principles; patient evaluation; diagnosis; management; therapy.

**651 Cardiology Clerkship**

Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Intensive experience in bedside diagnosis and care of patients with the more frequently seen cardiac problems.

**652 Gastroenterology Clerkship**

Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Inpatient and outpatient clinical gastroenterology. GI diseases. Patient evaluation and management. Behavioral science and patient care.

**653 Oncology and Hematology Clerkship**

Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Diagnosis, staging, and treatment methods of solid tumors and other neoplasms. Pharmacology of cytotoxic agents. Issues in nutrition. Behavioral approaches to the terminally ill patient.

**654 Pulmonary Disease Clerkship**

Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Evaluation and treatment of patients with common pulmonary diseases including acute and chronic respiratory failure, primary and metastatic lung tumors, various bacterial and non-bacterial pneumonias.

**655 Nephrology Clerkship**

Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Clinic and hospital based experience to develop basic skills in evaluation and management of patients with renal disease. Integration of renal physiology and pathophysiology.

**657 Emergency Medicine Clerkship**

Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Acute evaluation and management of patients in the hospital emergency room and other locations.

**102 Elementary Italian II**

Fall, Spring. 4(4-1) P: (ITL 101)

Further practice in using and understanding Italian to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.

**201 Second-Year Italian I**

Fall. 4(4-0) P: (ITL 102)

Intermediate-level review and development of aural comprehension, speaking, reading, and writing skills. Topics in Italian culture.

**202 Second-Year Italian II**

Spring. 4(4-0) P: (ITL 201)

Further review and development of aural comprehension, speaking, reading, and writing skills. Topics in Italian culture.

**290 Independent Study**

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

**320 Advanced Grammar and Composition**

Fall. 3(3-0) P: (ITL 202)

Composition in a variety of styles and modes. Review of grammar. Extensive practice in writing.

**330 Italian Culture and Civilization**

Spring, Summer. 3(3-0) Summer: Given only at Florence, Italy. A student may earn a maximum of 6 credits in all enrollments for this course. P: (ITL 202)

Diverse aspects of political, social, economic, intellectual, artistic, and literary life of Italy. Class discussion in Italian of readings, films, television programs, and musical selections.

**350 Introduction to Italian Literature**

Fall. 3(3-0) P: (ITL 330)

Italian literature from its origins to the present. Reading and discussion in Italian of representative works from all genres.

**360 Topics in the Italian Language and Culture**

Summer. 3(3-0) Given only at Florence, Italy. A student may earn a maximum of 6 credits in all enrollments for this course. P: (ITL 330)

Aspects of Italian culture or language as manifested in art, literature, music, and film.

**490 Independent Study**

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Not open to freshmen or sophomores. Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

## ITALIAN

## ITL

### Department of French, Classics, and Italian College of Arts and Letters

**101 Elementary Italian I**

Fall, Spring. 4(4-1) RB: No previous experience in Italian or approval of department.

Practice in using and understanding Italian to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.