

## Nursing—NUR

- 990 Special Problems**  
Fall, Spring, Summer. 1 to 4 credits. R: Open only to doctoral students in Nursing or approval of college.  
Individual or group in-depth study of specific areas in nursing research.
- 999 Doctoral Dissertation Research**  
Fall, Spring, Summer. 1 to 24 credits. R: Open only to doctoral students in the College of Nursing or approval of college.  
Original research of student under supervision of major advisor.

## OBSTETRICS, OGR GYNECOLOGY AND REPRODUCTIVE BIOLOGY

### Department of Obstetrics, Gynecology and Reproductive Biology College of Human Medicine

- 608 Obstetrics and Gynecology Required Clerkship**  
Fall, Spring, Summer. 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: (FMP 602) R: Open only to graduate-professional students in College of Human Medicine.  
Obstetrics and gynecology in inpatient and ambulatory settings. Clinical experiences, didactic sessions, hospital rounds discussions. Case writeups and presentations.
- 609 Advanced Obstetrics and Gynecology Clerkship**  
Fall, Spring, Summer. 4 to 6 credits. RB: (OGR 608) R: Open only to graduate-professional students in College of Human Medicine.  
Additional exposure to obstetrics or gynecology in the preceptor mode. Participation in ambulatory and inpatient care including surgery. May include maternal and fetal medicine
- 610 Perinatology Clerkship**  
Fall, Spring, Summer. 4 to 6 credits. RB: (OGR 608) R: Open only to graduate-professional students in College of Human Medicine.  
Additional exposure to high risk obstetrics including prenatal diagnosis and counseling, antepartum evaluation, and care of the high risk patient. Management of the intrapartum high risk patient.
- 611 Reproductive Endocrinology and Infertility Clerkship**  
Fall, Spring, Summer. 4 to 6 credits. RB: (OGR 608) R: Open only to graduate-professional students in College of Human Medicine.  
Added exposure to clinical problems in reproductive endocrinology and female infertility primarily in ambulatory setting. Occasional participation in inpatient experiences. Assisted reproductive technologies.

- 612 Gynecologic Oncology Clerkship**  
Fall, Spring, Summer. 4 to 6 credits. RB: (OGR 608) R: Open only to graduate-professional students in College of Human Medicine.  
Added clinical experience in inpatient and ambulatory gynecologic oncology, breast disease, and complicated benign gynecology in the preceptor mode. Pre-treatment evaluation and cancer management, including surgery.
- 633 Extended Clinical Experience**  
Fall, Spring, Summer. 6(6-0) Fall: All six(6) campuses. Spring: All six(6) campuses. Summer: All six(6) campuses. P:M: (OGR 608)  
Based in community hospitals and ambulatory sites, this is a 4 week clinical experience emphasizing interviewing skills, history, physical exam, problem solving and therapy.
- 637 Core Competencies III**  
Fall, Spring, Summer. 2(2-0) Fall: same as below. Spring: Flint-Saginaw-GR-Lansing-Kalamazoo-UP. Summer: Flint-Saginaw-GR-Lansing-Kalamazoo-UP. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Human Medicine; Family Practice; Medicine; Pediatrics and Human Development; Surgery. Administered by College of Human Medicine. R: Open only to graduate-professional students in College of Human Medicine.  
Core knowledge and skills from an interdisciplinary perspective.

## OSTEOPATHIC OMM MANIPULATIVE MEDICINE

### Department of Osteopathic Manipulative Medicine College of Osteopathic Medicine

- 501 Osteopathic Manipulative Medicine I**  
Fall. 1(0-2) R: Open only to students in the College of Osteopathic Medicine.  
Basic osteopathic palpatory skills leading to osteopathic diagnosis and treatment using counterstrain and muscle energy techniques.
- 502 Osteopathic Manipulative Medicine II**  
Spring. 1(0-2) P:M: (OMM 501) R: Open only to students in the College of Osteopathic Medicine.  
Muscle energy continued followed by osteopathic diagnosis and treatment using hi velocity low amplitude (mobilization with impulse) techniques.
- 503 Osteopathic Manipulative Medicine III**  
Summer. 1(0-2) P:M: (OMM 502) R: Open only to students in the College of Osteopathic Medicine.  
Osteopathic diagnosis and treatment using functional indirect and myofascial release techniques.
- 504 Osteopathic Manipulative Medicine IV**  
Fall. 1(0-2) P:M: (PHM 563 and RAD 553 and OST 511 and OMM 503) R: Open only to students in the College of Osteopathic Medicine.  
Osteopathic diagnosis and treatment using cranio-sacral techniques and various osteopathic manipulative approaches to the extremities.
- 505 Osteopathic Manipulative Medicine V**  
Spring. 1(0-2) P:M: (OMM 504) R: Open only to students in the College of Osteopathic Medicine.  
Application of osteopathic palpatory skills and treatment modalities in the approach to patients in various systems such as pulmonary and cardiovascular.
- 506 Osteopathic Manipulative Medicine VI**  
Summer. 1(0-2) P:M: (OMM 505) R: Open only to students in the College of Osteopathic Medicine.  
Continued integration of osteopathic manipulative treatment in patient care in preparation for clinical curriculum.
- 590 Special Problems in Biomechanics**  
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 48 credits in all enrollments for this course. R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine. Approval of department. SA: BIM 590  
Each student works under faculty direction on an experimental, theoretical, or applied problem.
- 601 Osteopathic Manipulative 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. SA: BIM 601, BIM 601  
Advanced training in the diagnosis of musculoskeletal dysfunction and application of osteopathic manipulative techniques.
- 620 Directed Studies**  
Fall, Spring, Summer. 1 to 30 credits. A student may earn a maximum of 30 credits in all enrollments for this course. SA: BIM 620  
Individual or group work on special problems related primarily to the biomechanics of the musculoskeletal system.
- 800 Special Topics**  
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. SA: BIM 800  
Directed study in topics of biomechanics.
- 890 Independent Study**  
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 22 credits in all enrollments for this course. R: Approval of department. SA: BIM 890  
Individual or group work related to biomechanics and/or neuromuscular system.
- 899 Master's Thesis Research**  
Fall, Spring, Summer. 0(2-2) A student may earn a maximum of 25 credits in all enrollments for this course. SA: BIM 899  
Master's thesis research.