

## 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 Col-  
lege 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 ambula-  
tory 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 mater-  
nal 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. Man-  
agement 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 inpa-  
tient experiences. Assisted reproductive technolo-  
gies.

- 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 ambula-  
tory gynecologic oncology, breast disease, and  
complicated benign gynecology in the preceptor  
mode. Pre-treatment evaluation and cancer man-  
agement, 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 enroll-  
ments for this course. Interdepartmental  
with Human Medicine; Family Practice;  
Medicine; Pediatrics and Human Develop-  
ment; 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 osteo-  
pathic 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 Osteo-  
pathic Medicine.  
Muscle energy continued followed by osteopathic  
diagnosis and treatment using hi velocity low ampli-  
tude (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 Osteo-  
pathic Medicine.  
Osteopathic diagnosis and treatment using func-  
tional 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 manipu-  
lative 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 Osteo-  
pathic Medicine.  
Application of osteopathic palpatory skills and treat-  
ment modalities in the approach to patients in vari-  
ous 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 Osteo-  
pathic 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 com-  
pletion of Units I and II. SA: BIM 601, BIM  
601  
Advanced training in the diagnosis of musculoskele-  
tal dysfunction and application of osteopathic ma-  
nipulative 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 stu-  
dent 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 stu-  
dent 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 enroll-  
ments for this course. SA: BIM 899  
Master's thesis research.