404. Survey of Nursing  
Fall, Winter, Spring. 4 credits. Seniors.  
A study of the roles, responsibilities, and functions of the nurse in the community; stress in their professional activities, in the work environment, in pen- 
406. Senior Nursing  
Fall, Winter, Spring. 8(3-20) Senior majors.  
A study of the basic principles of leadership and their application in the practice of team nursing.

OSTEOPATHIC MEDICINE* O M  
College of Osteopathic Medicine  
501. Medical Biology I  
Fall. 4(4-0)  
Integrated aspects of biology providing a foundation and vocabulary preparatory to studies in osteopathic medicine.  
502. Medical Biology II  
Winter. 7(6-3)  
Continuation of 501 emphasizing pathology and pharmacology.  
530. Clinical Science I  
Fall. 11(1-0)  
Fundamental concepts and skills essential to the performance of a clinical history and physical examination.  
531. Clinical Science II  
Winter. 2(2-0)  
Techniques, concepts and skills required for competent history taking and physical examination utilizing lectures, laboratory and films for instructional purposes.  
532. Clinical Science III  
Spring. 4(4-0)  
A clinic-based program providing an opportunity to learn the skills of history taking and physical examination by actual performance of the involved techniques on patients under physician supervision.  
533. Clinical Science IV  
Summer. 4(4-0)  
Continuation of 532.  
534. Clinical Science V  
Fall. 4(4-0)  
Continuation of 534.  
535. Clinical Science VI  
Winter. 4(4-0)  
A continuation of 535.  
536. Clinical Science VII  
Spring. 4(4-0)  
Continuation of 535.

537. Clinical Science VIII  
Summer. 4(4-0)  
Continuation of 536.  
550. Systems Biology I  
Spring. 7(5-6) 502.  
A multidisciplinary approach to the hematopoietic and nervous systems providing a functional integration of basic science and clinical information.  
551. Systems Biology II  
Summer. 6(3-3)  
Continuation of 550 with emphasis on a multidisciplinary approach to the nervous system.  
552. Systems Biology III  
Fall. 11(8-9)  
Continuation of 551 with emphasis on multidisciplinary approach to the cardiovascular system.  
553. Systems Biology IV  
Winter. 11(8-9)  
Continuation of 552 with emphasis on multidisciplinary approach to the respiratory, renal and urinary systems.  
554. Systems Biology V  
Spring. 11(9-5)  
Continuation of 553 with emphasis on multidisciplinary approach to the gastrointestinal system.  
555. Systems Biology VI  
Summer. 11(9-6)  
Continuation of 554 with emphasis on multidisciplinary approach to the study of pediatrics, obstetrics and gynecology.  
600. Clinical Science Practicum  
Fall, Winter, Spring, Summer. 15 credits. May re-enroll for a maximum of 60 credits.  
A clinic-oriented course covering the major areas of medical practice including involvement in Family Practice and Community Health Services.  
620. Directed Studies  
Fall, Winter, Spring, Summer. 1 to 8 credits. May re-enroll for a maximum of 24 credits. Approval of department.  
Individual or group work on special problems in medicine.

OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE BIOLOGY* OGR  
College of Human Medicine  
605. Obstetrics/Gynecology Clerkship  
Fall, Winter, Spring, Summer. 1 to 17 credits. May re-enroll for a maximum of 45 credits. H M 605.  
Experience with gynecologic and obstetrical patients, in in-patient and out-patient settings, under the direction of community practitioners and members of the NSU faculty.  
*Established July 1, 1971.

PACKAGING PKG  
College of Agriculture and Natural Resources  
210. Principles of Packaging  
Fall, Winter, Spring, Summer. 3(3-0)  
A general course in packaging principles covering the growth and development of the field, and the technological and motivational problems involved in present day packaging. Consideration will be given to the basic functions of the package and their relation to the needs and wants of our society.  
320. Packaging Materials  
Fall, Winter, Spring. 5(4-4) CEM 132.  
Detailed study of common packaging materials such as wood, paper, paperboards, plastics, metal foils and sheets, glass, and cushioning media. A one-day field trip required.  
422. Packaging Systems  
Fall, Winter, Spring. 5(4-4) 320 or approval of school.  
Design, use and evaluation of packages and packaging systems. A one-day field trip is required.  
423. Dynamics of Packaging  
Winter. Spring. 5(4-3) 422, MTH 215, or approval of department.  
A study of the protective function of the packaging systems in relation to their environment and shock and vibration isolation methods. A one-day field trip is required.  
424. Packaging Problems  
Fall, Winter, Spring, Summer. 1 to 3 credits. May re-enroll for a maximum of 9 credits. 422, 2.5 grade-point average and approval of school. Development of solutions to specific packaging problems.  
425. Packaging Process Analysis  
Fall, Winter, Summer. 4(3-3) 422, CPS 110.  
The integrated study of the operation structure and control of the packaging and package-making process. A one-day field trip is required.  
429. Packaging Development  
Fall, Spring. 4(3-3) 320.  
A study of the functions of each area concerned with the development of packages to meet present-day requirements of protection and merchandising.  
430. Packaging Machinery  
Spring. 4(3-3) 320 or approval of school.  
The components for automated packaging lines, and auxiliary materials handling equipment, including consideration of design, selection, specification and operation of machinery for the package-making and package-filling operations.