OST—Osteopathic Medicine

502 Osteopathic Manipulative Medicine II
Spring. 1(0-2) P.M. (OMM 501) R: Open only to students in the College of Osteopathic Medicine.

503 Osteopathic Manipulative Medicine III
Summer. 1(0-2) P.M. (OMM 502) R: Open only to students in the College of Osteopathic Medicine.

504 Osteopathic Manipulative Medicine IV
Fall. 1(0-2) P.M. (PHM 563 and RAD 553 and OMM 503) R: Open only to students in the College of Osteopathic Medicine.

505 Osteopathic Manipulative Medicine V
Spring. 1(0-2) P.M. (OMM 504) R: Open only to students in the College of Osteopathic Medicine.

506 Osteopathic Manipulative Medicine VI
Summer. 1(0-2) P.M. (OMM 505) R: Open only to students in the College of Osteopathic Medicine.

507 Osteopathic Manipulative Medicine VII
Fall. 5(4-2) P.M. (OMM 506 and OMM 503 and RAD 553) R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine.

512 Systems Biology: Neuromusculoskeletal II
Fall. 5(4-2) P.M. (OST 511 and PHM 563 and OMM 503 and RAD 553) R: Open only to graduate-professional students in the College of Osteopathic Medicine.

513 Systems Biology: Neuromusculoskeletal III
Spring. 5(3-4) RB: (OST 512) R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.

517 Systems Biology: Behavior II
Spring. 2(2-0) RB: (OST 516) R: Open only to graduate-professional students in College of Osteopathic Medicine.

520 Behavioral Medicine System
Fall, Spring. 3(3-0) P.M. (OST 512 and OST 529 and OMM 503 and OST 527 and OMM 504 and FCM 640 and OST 522) R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine.

521 Systems Biology: Hematopoietic
Fall. 2(2-0) P.M. (OMM 504 and OST 527 and FCM 640 and OST 522 and OST 530 and OMM 503 and RAD 553) R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine.

522 Systems Biology: Gastrointestinal
Fall. 5(5-0) P.M. (OST 511 and PHM 563 and RAD 553 and OMM 503) R: Open only to graduate-professional students in the College of Osteopathic Medicine.

501 Clinical Skills I
Fall. 2(1-2) R: Open only to graduate-professional students in the College of Osteopathic Medicine.

502 Clinical Skills II
Spring. 2(1-2) P.M. (OST 511 and PHM 563 and RAD 553) R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine.

504 Doctor/Patient Relationship I
Fall. 1(0-2) R: Graduate-professional students in College of Osteopathic Medicine.

505 Doctor/Patient Relationship II
Spring. 1(0-2) P.M. (OST 504) R: Open only to graduate-professional students in the College of Osteopathic Medicine.

513 Systems Biology: Neuromusculoskeletal III
Spring. 5(3-4) RB: (OST 512) R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.

517 Systems Biology: Behavior II
Spring. 2(2-0) RB: (OST 516) R: Open only to graduate-professional students in College of Osteopathic Medicine.

520 Behavioral Medicine System
Fall, Spring. 3(3-0) P.M. (OST 512 and OST 529 and OMM 503 and OST 527 and OMM 504 and FCM 640 and OST 522) R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine.

521 Systems Biology: Hematopoietic
Fall. 2(2-0) P.M. (OMM 504 and OST 527 and FCM 640 and OST 522 and OST 530 and OMM 503 and RAD 553) R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine.

522 Systems Biology: Gastrointestinal
Fall. 5(5-0) P.M. (OST 511 and PHM 563 and RAD 553 and OMM 503) R: Open only to graduate-professional students in the College of Osteopathic Medicine.

OST—Osteopathic Medicine
610 Pathology Clerkship  Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 12 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by College of Human Medicine. R: Open only to graduate-professional students in College of Human Medicine or Osteopathic Medicine. SA: PTH 608  Anatomic and clinical pathology with emphasis on clinical-pathological correlation. Conducted in pathology departments of affiliated hospitals.

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. SA: OM 620, OM 620  Individual or group work on special problems in medicine.

650 Obstetrics and Gynecology Clerkship  Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 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: OM 651, OM 651  Obstetric patient evaluation and management: motor skills, aptitudes, evaluation of postpartum patient and management of gynecologic problems.

651 Surgery Clerkship  Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 12 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: OM 653, OM 653  Surgical diagnosis, management, and treatment. Structure developed to achieve proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, therapy.

652 Biostatistics and Epidemiology  Summer. 2(2) R: Open only to graduate and graduate-professional students in the Colleges of Osteopathic Medicine, Human Medicine, and Nursing or approval of department. SA: CMS 512, OM 512  Medical literature to illustrate statistical reasoning and research design. Emphasis on analysis rather than computation. Prospective or retrospective studies. Sensitivity, specificity, and predictive values. Epidemiologic terminology.

653 Obstetrics and Gynecology Clerkship  Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 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: OM 651, OM 651  Obstetric patient evaluation and management: motor skills, aptitudes, evaluation of postpartum patient and management of gynecologic problems.

654 Anesthesiology Clerkship  Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 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: OM 654, OM 654  Motor skills, concepts and principles, patient evaluation, management and therapy.

655 Orthopedic 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: OM 656, OM 656  Program developed to achieve proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, and therapy.

656 Anesthesiology 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: OM 656, OM 656  Program developed to achieve proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, and therapy.

657 Surgery Clerkship  Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 12 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: OM 653, OM 653  Surgical diagnosis, management, and treatment. Structure developed to achieve proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, therapy.

658 Otorhinolaryngology 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: OM 658, OM 658  Develop proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, and therapy.

OFFICE OF THE PROVOST

Office of the Provost

101 Freshman Seminar  Fall, Spring. 0 to 1 credits. A student may earn a maximum of 2 credits in all enrollments for this course. R: Open only to freshmen. Introduction to the academic life of the University. Special topics proposed by faculty to engage the interests of new students.

PACKAGING

School of Packaging
College of Agriculture and Natural Resources

101 Principles of Packaging  Fall, Spring, Summer. 3(3-0) SA: PKG 210  Packaging systems, materials and forms and their relationship to the needs and wants of society.

221 Packaging with Glass and Metal  Fall, Spring. 3(3-0) P.M: (CEM 141 or CEM 151 or LBS 171) and (PHY 231 or PHY 231B or PHY 231C or PHY 183 or PHY 183A or PHY 183B or PHY 193H or LBS 271) and (PKG 101 or concurrently) SA: PKG 320, PKG 325  Physical and chemical properties of glass and metals and their applications to packaging.

322 Packaging with Paper and Paperboard  Fall, Spring. 4(3-2) P.M: (PKG 221 or concurrently and PKG 101) and (MTH 124 or MTH 132 or LBS 118 or MTH 152H) and (CEM 143 or CEM 251 or CEM 351) and (STT 200 or STT 201 or STT 315 or STT 351) R: Open only to sophomores or juniors or seniors or graduate students in the School of Packaging. SA: PKG 325  Physical and chemical properties, manufacture, conversion, and use of wood, paper, paperboard, and related components in packaging. Design, use, and evaluation of packages.

323 Packaging with Plastics  Fall, Spring. 4(3-2) P.M: (PKG 221 or concurrently and PKG 101) and (CEM 143 or CEM 251 or CEM 351) and (STT 200 or STT 201 or STT 315 or STT 351) and (MTH 124 or MTH 132 or LBS 118 or MTH 152H) R: Open only to sophomores or juniors or seniors or graduate students in the School of Packaging. SA: PKG 325  Physical and chemical properties of plastics and their relationship to selection, design, manufacture, performance, and evaluation of packages.