

The Office of Counseling and Career Services

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DUTCHESS COMMUNITY COLLEGE AND PRE-OSTEOPATHIC MEDICINE

DESCRIPTION

Osteopathic Physicians (D.O.'s) are concerned with the prevention, diagnosis, and treatment of illness, disease, and injury. They examine patients, obtain medical histories, and order, perform, and interpret diagnostic tests. They diagnose illnesses, and prescribe and administer treatment for people suffering from injury or disease. They counsel patients on diet, hygiene, and preventive health care. Those in private practice may handle or supervise the business side of running an office.

There are two types of physicians: The Doctor of Medicine (M.D.) and the Doctor of Osteopathy (D.O.). While M.D.'s and D.O.'s may use all accepted methods of treatment, including drugs and surgery, D.O.'s place special emphasis on the body's musculoskeletal system. They believe that good health requires proper alignment of bones, muscles, ligaments, and nerves. They use manual Osteopathic Manipulative Treatment (OMT) when necessary. Most D.O.'s are in primary care practice, but about 28% are in other medical specialties such as neurology, cardiology, and radiology. Others are involved in research or teach in colleges and universities.

ACADEMIC PREPARATION

*(According to the American Association of Colleges of Osteopathic Medicine)

Admission to the colleges of Osteopathic Medicine is competitive. Most applicants have a Bachelor's degree. Undergraduate course requirements include good academic performance in basic sciences, such as biology, chemistry and physics. Each applicant is also expected to present scores from the Medical College Admission Test (MCAT).

*A.A.C.O.M. Courses

Biology
Chemistry
Physics

DCC COURSES (L.A.X.)

BIO 101 & 102
CHEM 121 & 122 & CHEM 231 & 232
PHY 121 & 122 (or PHY 151 & 152)

(Mathematics, although not listed, is highly advised: MAT 221 & MAT 222)

A PARTIAL LISTING OF COLLEGES OF OSTEOPATHIC MEDICINE:

New York College of Osteopathic Medicine, University of New England College of Osteopathic Medicine (Maine), Philadelphia College of Osteopathic Medicine, College of Osteopathic Medicine of the Pacific (CA), University of Medicine and Dentistry of New Jersey.

- Both Marist and SUNY New Paltz have cooperative programs with the New York College of Osteopathic Medicine but do not accept transfer students.

DUTCHESS COMMUNITY COLLEGE AND PRE-OSTEOPATHIC MEDICAL EDUCATION (NEW YORK COLLEGE OF OSTEOPATHIC MEDICINE)

Liberal Arts &-Sciences (L.A.X.) is the appropriate program for DCC students to begin their academic preparation for Osteopathic Medical School. Students need to be aware of the requirements of each school and that they may differ.

The following is a list of the pre-requisites that prepare students to apply for admission to the New York College of Osteopathic Medicine of New York Institute of Technology:

<u>SEMESTER HOURS</u>	<u>NYCOM COURSES</u>	<u>DCC COURSES</u>
8	Biology	BIO 101 & 102
8	General Chemistry	CHEM 121 & 122
8	Organic Chemistry	CHEM 231 & 232
8	Physics	PHY 121 & 122 (or 151 & 152)
6	English	ENG 101 & 102

ADDITIONAL ADMISSION REQUIREMENTS/INFORMATION:

1. A baccalaureate degree from an accredited college or university
 2. A pre-professional science G.P.A. of at least 2.75 and an overall G.P.A. of at least 2.75
 3. Medical College Admission Test (MCAT) scores
 4. In addition to academic excellence, NYCOM will also consider other factors that include knowledge of and interest in Osteopathic Medicine and interpersonal skills.
 5. NYCOM is particularly desirous of recruiting members of underrepresented minority groups through its Affirmative Action Plan.
- Admission to an Osteopathic Medical School is competitive. Last year, there were 54,000 applications designated by more than 9,500 applicants for approximately 2,500 seats.
 - While it is necessary for students to transfer to a four-year institution to continue academic preparation for Osteopathic Medical School, they are encouraged to satisfy all requirements to complete an Associate's degree. (An additional credential can only make you a stronger candidate!)