

Professional School Requirements (Revised 6/23/2008)

Pre-dentistry (based on the requirements of SUNY-Buffalo where a 3/4 program is available)

Advisor: Dr. O'Donnell

1 Year Biology

2 Years of Chemistry, General and Organic

1 Year Physics

1 Year English

Pre-medical (based on the requirements of most medical schools, some variation in areas of Mathematics and English). A 3/4 program between Geneseo and the New York College of Osteopathic Medicine.

Advisors: Drs. J. Ballard, J. Boiani, G. Briggs, H. Hoops, R. O'Donnell and W. Pogozelski

1 Year Biology

2 Years of Chemistry, General and Organic

1 Year English

1 Year Physics

1 Semester Calculus

Pre-optometry (based on the requirements of SUNY-Optometry where a 3/4 program is available)

Advisor: Dr. O'Donnell

1 Year Biology

2 Years of Chemistry, General and Organic

1 Semester Statistics

1 Year Social Science

1 Year Physics

1 Semester Calculus

1 Year English

1 Semester Psychology

Pre-podiatry (minimum requirements)

Advisor: Dr. O'Donnell

1 Year Biology

2 Years of Chemistry, General and Organic

1 Year Physics

1 Year English

Pre-Chiropractic (based on the requirements for NY Chiropractic College, tends to vary for each school).

Advisor: Dr. Lewis

1 Year Biology

15 credits of Humanities/Social Science

2 Years of Chemistry, General and Organic

1 Semester of Psychology

6 credits of English/communications

1 Year Physics

Graduate Study (varies for each program and specialty)

Advisor: Dr. Hannam

Pre-Pharmacy (based on the requirements of SUNY-Buffalo, tends to vary for each school). Advisor: Dr. Militello

1 Year Biology

2 Semesters of Calculus

2 Years of Chemistry, General and Organic

1 Year General Physics

1 Semester of statistical methods

In addition, 2 semesters of Writing Skills, and one course in behavioral science (General Psychology recommended) and economics (Intro. to Microeconomics is recommended)

Pre-Nursing (Geneseo had negotiated an agreement with the Johns Hopkins School of Nursing for students to complete one of three options:

• a 3/2 baccalaureate in nursing

• a 3/1 accelerated baccalaureate in nursing

• direct entry to a combined BS to MSN degrees)

Advisor: Dr. Jani Lewis

Please subscribe to the Premed listserver, which will keep you updated on important meetings, seminars and dates regarding professional school applications:

To log on to the premed listserver go to the following site:

<http://mail.geneseo.edu/mailman/listinfo/premed-l>

There also is a website with useful information at the following address:

<http://www.geneseo.edu/CMS/display.php?dpt=premed>

Pre-Physical Therapy (based on the general requirements for the Entry-Level Doctor of Physical Therapy at SUNY Upstate, tends to vary for each school). The requirements at Upstate include a baccalaureate degree from an accredited college or university including completion of 40 credits of prerequisite course work, first aid and CPR certification, GRE scores and volunteer or work experience in physical therapy. Geneseo and Upstate have an established 3+3 program. The advantage of 3+3 is that it allows a student to complete both an undergraduate and a doctoral degree in six years rather than seven years. The 3+3 DPT program requires three years at Geneseo and three years of study at Upstate. Students transfer to Upstate after three years of college. The first year at Upstate in the DPT program will count for both the fourth year of undergraduate and the first year of graduate study. Upon completion of their first year at Upstate, students receive a Bachelor's Degree in Biology from Geneseo. Upon successful completion of an additional two years at Upstate in the entry level DPT program, students will be awarded a DPT degree from SUNY Upstate Medical University.

Advisor: Dr. Lewis

General Biology I with laboratory (5 hours)

Human Anatomy and Human Physiology with laboratories (8 hours)

General Physics I and II with laboratories (8 hours)

General Chemistry I and II with laboratories (8 hours)

English (composition recommended) (3 hours)

Statistics (3 hours)

Psychology (Child Psychology or Developmental Psychology recommended) (3 hours)

Social Science (3 hours)

Pre-Physician Assistant (minimum requirements, tends to vary for each school; most schools require health care experience, some up to 2000 hours).

Advisor: Dr. O'Donnell

1 Year Biology

1 Year of Chemistry

1 Year English

1 Year Humanities/Social science

1 Semester Psychology

1 Semester Statistics or College Level Math

Microbiology and Human Anatomy/Human Physiology are required by many schools

Pre-Veterinary (based on the requirements for College of Veterinary Medicine at Cornell University, tends to vary for each school, but extensive experience working with animals is essential in the selection process (>1000 hours and the hours must include both large and small animal veterinary settings)).

Advisor: Dr. Susan Bandoni Muench

1 Year Biology

2 Years of Chemistry, General and Organic

Biochemistry, either Biochemistry I and II or Elementary Biochemistry (seek advisor input)

2 Semesters of English composition or 1 semester of composition and 1 semester of oral communication

1 Year Physics

1 Semester of Microbiology with a lab

Biology/Secondary Education Students complete either a B.A. or B.S. in Biology and the coursework for initial certification in Adolescence Education. Students follow the sequence of courses listed for the biology major. In the spring of their freshmen or sophomore year (if they plan to student teach in their ninth semester) students apply for admission to the School of Education. Admission requires that students have a cumulative G.P.A. of 2.75 and 15 hours of approved service learning. Students planning on student teaching in the ninth semester follow the same course sequence listed in the Adolescence Education advising guide but a year later. Note, once you begin the education courses the sequence should not be interrupted.

Advisors: Dr. Lovett and Dr. Spear