

Pre-Professional Programs

Webster University offers a number of pre-professional programs within the undergraduate colleges and schools.

Some of these special study options are dual degree programs offered in cooperation with specific professional schools; others are broad preparatory programs enabling students to pursue graduate study in institutions of their choice.

Students interested in pre-professional programs should consult with an academic advisor in the Academic Advising Center.

Pre-professional programs offered:

- Pre-Dentistry, Pre-Medicine, and Pre-Veterinary
- Pre-Engineering
- Pre-Law
- Pre-Occupational Therapy

Pre-Dentistry, Pre-Medicine, Pre-Veterinary

Webster University provides a variety of programs and courses designed to meet the needs of the pre-dental, pre-medical, and pre-veterinary student. Most dental and medical schools accept a BA or BS in any field of study but require specific courses in biology, chemistry, physics and mathematics.

Pre-Engineering

Webster University offers a dual degree program in engineering with Washington University and Missouri University of Science and Technology. This program leads to a BS in mathematics from Webster University and a BS in engineering from Washington University or Missouri University of Science and Technology. Students in the pre-engineering program combine a high-quality professional engineering education with a strong background in the humanities, mathematics and the natural and social sciences. The programs at Washington University and Missouri University of Science and Technology includes biomedical engineering, computer science, computer engineering, electrical engineering, systems science and engineering, chemical engineering and mechanical engineering. The professional degrees offered in each area are accredited by the Accreditation Board for Engineering and Technology, Inc. (ABET).

For more information on this dual degree program, please see the BS in mathematics (pre-engineering) degree requirements.

Pre-Law

The study of law continues to be an objective of many undergraduate students. Generally speaking, law schools look for broadly educated individuals who can think, speak, and write with precision and clarity. Webster encourages pre-law students to choose a major based on their own interests and abilities. Then, in consultation with an academic advisor, pre-law students will design a course of study that reflects the recommendations for pre-legal education developed by the Association of American Law Schools. The association's policy statement recommends an undergraduate education that emphasizes:

- Verbal skills: comprehension, writing and speaking.
- Critical understanding of human institutions and values with which the law deals.
- Creative power in thinking.

Pre-Occupational Therapy

Webster University offers a cooperative 3-2 program with the Washington University School of Medicine in occupational therapy (OT). This dual degree program enables students to complete a BA in biology, BS in biological sciences, BS in exercise science, BS in psychological science or BA in psychology from Webster University and a master of science in occupational therapy (MSOT) from Washington University within a five-year period.

Occupational therapy is a client-centered health profession concerned with promoting health and well-being through occupation. The primary goal of occupational therapy is to enable people to participate in the activities of everyday life.

To take advantage of this cooperative 3-2 program, students need to:

- Complete a minimum of 90 credit hours toward the declared Webster undergraduate degree, with at least 30 of those credit hours taken in residence at Webster University, and two years at Washington University.
- Complete the Webster University global citizenship program and the requirements for their undergraduate major at Webster (biology BA, biology BS, exercise science BS, psychology BA or psychological science BS) prior to entering the Washington University program.
- Apply to the Washington University School of Medicine Occupational Therapy Program. Most students apply in early fall of their junior year. A summary of the application requirements are listed below. Interested students should examine the materials on the Washington University site to make sure they have the most current set of admission requirements (<https://www.ot.wustl.edu/education/3-2-program-143>).
 - 3.25 cumulative GPA is required for admission into the MSOT program.
 - Complete (grade of B or better) a set of prerequisite courses (*Life Science, Physiology, Developmental Psychology, Abnormal Psychology, Statistics and a Social Science Elective*) prior to admission to the occupational therapy program.
 - Complete a minimum of 30 hours of OT-related experience or observation. It is strongly recommended, but not required, that a portion of the hours include observation with an OT.
 - Complete the GRE within the last five years. Current scores are available on the Washington University admission site. However, GRE scores are one of many factors considered in the admissions process.
 - Request three letters of recommendation - one from a faculty member or academic advisor, one from someone involved in your observation experience, and one from another person of your choice (not a family member or friend).
 - Demonstrate an understanding of OT and exhibit excellent writing skills in the application essay.
 - Participate and evidence leadership in extracurricular activities.
 - International students: TOEFL and TWE taken no more than one year prior to application.
 - Students should have completed four of the six MSOT prerequisite categories at the time of their application to the MSOT program at Washington University (typically in early fall of their junior year), and will complete the

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remaining two by the end of the fall semester of their junior year at Webster University.

- The application and three letters of recommendation must be submitted to OTCAS (centralized application system) by January 15th of the student's junior year at Webster. Official GRE scores must also be sent to the Washington University OTCAS number at #0081 by that date. See the Washington University site for more information (<https://www.ot.wustl.edu/education/3-2-program-143>).
- Submit a petition to graduate from Webster University upon earning a minimum of 120 credit hours (after year 1 or year 2 at Washington University). Note that petitions are due each February for a May graduation date. The official transcript from Washington University with final grades must be submitted to the Registrar's Office at Webster upon the conclusion of the spring semester.

The MSOT prerequisite courses at Webster University are:

- BIOL 3010 Human Anatomy and Physiology I* (3 hours)
and BIOL 3011 Human Anatomy and Physiology I: Lab* (1 hour) (*Life Science, Physiology*)
- BIOL 3020 Human Anatomy and Physiology II (3 hours)
and BIOL 3021 Human Anatomy and Physiology II: Lab (1 hour) (*Physiology*)
- PSYC 2300 Lifespan Development* (3 hours) (*Developmental Psychology*)
- PSYC 2750 Introduction Measurement and Statistics (3 hours)
or MATH 2200 Statistics (3 hours)
or STAT 3100 Inferential Statistics (3 hours) (*Statistics*)
- PSYC 3125 Abnormal Psychology* (3 hours) (*Abnormal Psychology*)
- Social Science Elective (ANSO, ECON, POLT, PSYC) (3 hours) (*Social Science*)

*Students must meet the required prerequisites for these courses at Webster.

This page was modified on 04 August 2020.

Please see the Undergraduate Catalog Addendum to view changes that were made.