

Slippery Rock University



The fundamental mission of the Department of Biology is to provide students with comprehensive, contemporary understandings of the biological sciences by offering experiences that are concurrently stimulating and challenging. The goal of these efforts is to foster an appreciation for the complexities of living systems and to

promote the development of competent biologists and scientifically literate citizens. The faculty is a diverse group with research interests in molecular, cellular, organismal, and population biology. Whatever their individual specialization may be, each of the faculty share a commitment to their students. As such, biology majors have the opportunity to work closely with faculty, whether in the classroom, laboratory, or field. Our well-equipped physical plant houses the resources that afford each student the opportunity for numerous research-based experiences. The Bachelor of Science degree program in biology (professional track) has a structured, professionally oriented curriculum that is designed to prepare students for advanced training in biology, including graduate school and health careers.

West Virginia University School of Dentistry



The WVU School of Dentistry fosters each student's development of technical competence and professional responsibilities to address the oral health of all people, especially West Virginians. Within a respectful and humanistic learning environment, the dental curriculum prepares students to meet the oral health needs of a diverse society. The School's faculty consists of highly trained dentists, specialists, and scientists, who

are also expert dental educators. WVU participates in community outreach programs—local, statewide and global—and offers enriching inter-professional learning opportunities. The School utilizes state-of-the-art technology to facilitate excellence in education, including but not limited to totally electronic health records, digital radiography and photography, digital implant planning, and dental simulation technology.

The WVU School of Dentistry leads a variety of service initiatives to improve oral health. Dental students routinely participate in an array of community-based activities that promote oral health, such as visits to schools, hospitals, public health agencies, and senior centers, to stress the importance of oral healthcare.

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D.E.A.P.



West Virginia University School of Dentistry and Slippery Rock University

Dental Early Admission Program D.E.A.P.

SlipperyRock
University
of Pennsylvania

West Virginia University
SCHOOL OF DENTISTRY

Overview

Dentists are integral members of the healthcare team. Today's oral health professionals focus not only on the diagnosis and detection of oral health problems, they also stress the importance of oral health to systemic health and well-being. Emerging research indicates oral-systemic health linkages and profound oral health disparities. The West Virginia University School of Dentistry engages students in an abundance of educational, outreach, and research experiences to help reduce these disparities and prepare them to provide exemplary and culturally sensitive oral healthcare. There are many career options in dentistry, including private practice, public health, and academic dentistry. Dentists in private practice serve as their own bosses, allowing them flexibility to balance their professional and personal lives. A career in public health focuses on community health. Academic dentistry careers combine teaching, research, community service, and patient care. There are nine recognized dental specialties: Dental Public Health, Endodontics, Oral and Maxillofacial Pathology, Oral and Maxillofacial Radiology, Oral and Maxillofacial Surgery, Orthodontics and Dentofacial Orthopedics, Pediatric Dentistry, Periodontics, and Prosthodontics. The need for dentists is expected to continue to increase as the demand for oral healthcare grows.

Capitalizing on the strength of partnerships, the WVU School of Dentistry and Slippery Rock University (SRU) Department of Biology are joining together to promote students' seamless progression from college to dental school through the Slippery Rock University and WVU School of Dentistry Dental Early Admission Program (SRU/WVU DEAP). This joint program helps simplify the dental school admission process while easing the financial burden of the application. DEAP gives a select number of motivated Slippery Rock University Biology students an early introduction to the WVU School of Dentistry faculty, students, and alumni while also providing unique opportunities to help prepare them for WVU's challenging dental program.

The WVU School of Dentistry has partnered with SRU's Department of Biology to offer highly qualified rising sophomores at SRU potential early admission to WVU's Doctor of Dental Surgery (D.D.S.) program. Individuals who complete their first year at SRU and aspire to earn a dental degree are eligible to apply to DEAP. Admission to the DEAP is available to a maximum of two students annually through a competitive application and interview process. West Virginia residents receive priority consideration. Because the WVU School of Dentistry values diversity and recognizes its importance in addressing access to quality oral healthcare, individuals from populations that are under-represented in dental school, including African American, Latino/Hispanic, Native American, first-generation college, and economically disadvantaged, are encouraged to apply.

Slippery Rock University is responsible for DEAP student recruitment since enrollment in SRU is a key program requirement.

DEAP applications are available to all SRU students who meet the specified criteria (see box).

DEAP is one of several WVU School of Dentistry early admission agreements with colleges and universities to help guide pre-dental students' smooth progression into the D.D.S. program. Participating students take part in pre-health professions seminars and community service activities while enrolled at SRU.

Applicants must have completed the following specific course requirements at SRU prior to application:

- **Biology:** A minimum of 11 semester credit hours, including two credits of laboratory work . These 11 credits may consist of 8 credits of general biology and zoology, or a combination of biology, zoology, and botany, and 3 credits of Comparative Vertebrate Anatomy or Human Anatomy.
- **Inorganic Chemistry:** A minimum of eight semester credit hours, including two credits of laboratory work.
- **Organic Chemistry:** A minimum of eight semester credit hours, including two credits of laboratory work.
- **Biochemistry:** Three semester credit hours of Biochemistry.
- **Mathematics:** Four semester credit hours of calculus and three credits of statistics
- **Physics:** A minimum of eight semester credit hours, including two credits of laboratory work.
- **English:** A minimum of six semester credit hours of composition and literature.
- **Behavioral Sciences:** A minimum of six semester credit hours of courses in the behavioral sciences; i.e., psychology, sociology, anthropology, medical ethics, or philosophy.

DEAP Admission Requirements

Students admitted to DEAP must:

- Have completed at least 30 semester credit hours but no more than 75 credit hours, with a minimum of a 3.60 GPA, to include at least two (2) of the required Biology, Chemistry, Physics, and Math core courses each semester. Core courses are listed under "Undergraduate Curriculum."
- Complete the Physics core courses by the completion of their sophomore year.

Prior to admission to DEAP, students must have at least 10 hours of documented observation in at least one general dental practice.

Upon acceptance to DEAP, students sign a commitment statement affirming their intention to satisfy program requirements and participate in SRU/WVU DEAP activities.

DEAP participants typically are expected to complete their undergraduate degree at SRU within four years.

Dental School Application

In the summer following their junior year at SRU, DEAP students are required to apply to the WVU D.D.S. program via the Associated American Dental Schools Application Service (AADSAS) and, when prompted, complete the WVU School of Dentistry Supplemental Application for Admission in the fall semester of their senior year. The latter application fee is waived. An interview with the Dental Admissions Committee is required to verify that the candidate has fulfilled all D.D.S. program admissions requirements. DEAP applicants are informed about their dental school application status via letter from the Associate Dean for Dental Admissions, Recruitment and Access on or after December 1.



DEAP Ongoing Requirements

To continue participation in DEAP while enrolled in Slippery Rock University, students must:

- Maintain at least 3.60 overall and science GPAs.
- Maintain standards of honesty, integrity, and citizenship.

Students accepted into the SRU/WVU DEAP program will be guaranteed admittance to the WVU dental program if they:

- Successfully complete all prerequisite courses for dental school admission and all other requirements, including immunizations and criminal background clearance.
- Have overall and science GPAs of 3.60 or above at Slippery Rock University.
- Take the Dental Admission Test (DAT) and score at or above the average Academic and Perceptual Ability Test (PAT) scores achieved by the previous WVU entering dental class.
- Fulfill preparatory community service (minimum 50 hours) and dental shadowing requirements (minimum 50 hours in multiple general dental practices).
- Successfully complete dental school application and interview requirements.
- Demonstrate honesty, integrity, leadership, and citizenship.
- Individuals who receive provisional acceptance to the WVU School of Dentistry educational programs must pass a Criminal Background Investigation (CBI), at their own expense, prior to final acceptance to the WVU School of Dentistry.

| Courses | Semester Credit Hours |
|--|-----------------------|
| Biology Core Courses | 11 |
| • Bio 104 Principles of Biology | 4 |
| • Bio 212 General Zoology | 4 |
| • Biology 340 Comparative Vertebrate Anatomy | 3 |
| Chemistry Core Courses | 19 |
| • General Chemistry + labs | 8 |
| • Organic Chemistry + labs | 8 |
| • Biochemistry | 3 |
| Mathematics Core Courses | 7 |
| • Math 225 Calculus | 4 |
| • BIOL 325 Biometry | 3 |
| Physics Core Courses | 8 |
| English Composition and Literature | 6 |
| Behavioral and Social Sciences Core Courses | 6 |
| • Psychology 101 | 3 |
| • Elective Behavioral/Social Sciences Course | 3 |
| Dental Track Courses | 26 |

*Slippery Rock University determines the additional courses necessary to fulfill undergraduate degree requirements.