



Combined Baccalaureate in Biology/Doctorate in Dentistry Program (B.S./D.M.D.)

Southern Illinois University Edwardsville and the SIU School of Dental Medicine offer a unique combined arts and sciences dental curriculum leading to the degrees of Bachelor of Science and Doctor of Dental Medicine. The pre-professional part of this curriculum is completed within three years on the Edwardsville campus, and the professional part in the School of Dental Medicine, Alton, Illinois.

I. Upon completion of the first year of the Combined Degree curriculum and having met the following criteria, the Dean of the School of Dental Medicine shall offer conditional acceptance into the School of Dental Medicine:

- composite letter of Recommendation from the Chief Health Professions Advisor or BS/DMD advisor
- achievement of a 3.7 grade point average (GPA) on a 4.0 grade scale in science (Biol., Chem., & Physics)
- achievement of at least a 3.75 GPA on a 4.0 scale in all other courses
- appointment with an SIU-SDM Admissions representative

Upon receipt of the student's signed letter of agreement for acceptance into this program, the SIU-SDM Admissions Office will initiate the formal admissions process with the student submitting appropriate data. In addition, the student will be assigned a current dental student to serve as a student advisor.

II. After completing the second year of the pre-professional curriculum and prior to the completion of the third year of this Program, the student will be allowed to continue in the Program by meeting the following criteria:

- Maintenance of a 3.75 cumulative grade point average (GPA)
- Updated composite letter of recommendation from the Chief Health Professions Advisor BS/DMD Advisor, including evaluations from at least three faculty members, forwarded to the SIU-SDM Admissions Office
- Successful achievement on the Dental Admissions Test (DAT) by October of the third year (All Program students are encouraged to take the DAT no later than October of the year prior to first year of the professional dental curriculum.) The student's DAT scores should equal or exceed the previous year's entering class averages or the DAT must be retaken
- Completion of the SIU-SDM application process (AADSAS is NOT required)

This third-year student will be assigned a dental school faculty member as an additional advisor.

Upon successful completion of the first year in the School of Dental Medicine recommendation of the Dean, this student will be granted the degree of Bachelor of Science by the Southern Illinois University Edwardsville faculty at the first summer commencement following the first year of the professional dental curriculum.

For additional information contact: Admissions Office, Southern Illinois University, School of Dental Medicine, 2800 College Avenue, Alton, Illinois 62002 Phone: 618-474-7170

Only applies to Illinois Residents who attended high school in Illinois

Undergraduate Curriculum Guide (Recommended¹)- Joint BS/DMD

Fall 1

Chem 121a- General Chemistry 1	4
Chem 1215a- General Chemistry Lab 1	1
Eng 101 ² - English Composition 1	3
Spc 103 ³ - Interpersonal Composition	3
Phil 106 ⁴ - Critical Thinking	3
Math 125 ⁵ -Pre-Calculus	3
	17

Spring 1

Chem 121b- General Chemistry 2	4
Chem 125b- General Chemistry Lab 2	1
Eng 102- English Composition 2	3
Biol 120- Animal Systems	4
Math 150- Calculus 1	5
	17

Fall 2

Chem 241a- Organic Chemistry 1	3
Biol 121- Plant Systems	4
Phys 206a- College Physics 1	5
Gen Ed ¹	3
Gen Ed	3
	18

Spring 2

Chem 241b- Organic Chemistry 2	3
Chem 245- Organic Chemistry Lab	2
Phys 206b- College Physics 2	5
Biol 220- Genetics	4
(Gen Ed) ⁶	(3)
	14-17

Summer 2: Take the DAT

Fall 3

Chem 451a- Biochemistry	3
BIOL 319- Cell and Molecular Biology	4
BIOL 389 ⁷ - Comparative Vertebrate Anatomy	4
Stat 244- General Statistics	4
Gen Ed	3
	17

Spring 3

Chem 451b- Biochemistry	3
Biol 340- Animal Physiology	4
IS- Interdisciplinary Studies	3
Gen Ed	3
Gen Ed	3
	16

¹ A student may choose from a wide variety of courses to meet the University's General Education requirements. Twelve Gen Ed courses outside of science and math are required to meet the University's requirements for graduation for students who are not in the Honors students. Completion of all requirements can be accomplished with 10 courses only when the Intergroup (IGR) and Intercultural/ International Issues (II/IC) requirements are met by courses that also fulfill Skills, Fine Arts and Humanities (FAH) and/or Social Science (SS) requirements. There is almost no flexibility in scheduling science courses due to firm prerequisites. Honors students develop individual undergraduate plans in consultation with their mentors.

²SIUSDM requires six hours of English. Honors students can meet this requirement by taking HONS 120 and one additional English course.

³Spc 103 meets the Skills requirement for Communication. While there are other courses that will meet this requirement, Spc 103 is the only one that also meets the Gen Ed IGR requirement.

⁴Phil 106 meets the Skills requirement of critical thinking. This requirement can also be met by MATH 106 (Problem Solving) and Foreign Language 106 (Word Analysis). FL 106 is recommended if it will fit in the schedule.

⁵Most students entering this program begin their math at least at the pre-calculus level (Math 125). This program will accommodate students who begin with college algebra (Math 120) but it will mean taking calculus (Math 150) over the first summer.

⁶ This Gen Ed may be required if a student begins this curriculum with college algebra (Math 120) or does not take Gen Ed courses that meet more than one requirement. Alternatively, this Gen Ed may be required if a student chooses to take two semesters of Human Anatomy and Physiology (Biol 240a and b). See ⁷ below.

⁷ In addition to meeting the required math, physics, chemistry, and biology courses for a Biology major with specialization in Medical Science, students in the BS/DMD program must also take an anatomy course. This requirement can be met by taking Comparative Vertebrate Anatomy (Biol 389) or Human Anatomy and Physiology (Biol 240a and b).