

2020-21 ACADEMIC MAP

BS Biology - Pre-Medical Optometry

TOTAL HRS: 120



Academic map is a guide to help students stay on track to degree completion. Consult undergraduate catalog and academic advisor for other requirements.

* minimum grade required

	FALL SEMESTER						SPRING SEMESTER					
	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	BIO 100	General Biology I	4	Major	C	_____	BIO 101	General Biology II	4	Major	C	_____
	CHE 101	Gen Chem I Lecture	3	Gen Ed	C	_____	CHE 102	Gen Chem II Lecture	3	Gen Ed	C	_____
	CHE 103	Gen Chem I Lab	1	Gen Ed	C	_____	CHE 104	Gen Chem II Lab	1	Gen Ed	C	_____
	ENG 101	Composition I	3	Gen Ed		_____	ENG 102	Composition II	3	Gen Ed		_____
	MAT 104	College Algebra	3	Gen Ed	C	_____	MAT 105	Trigonometry	3	Spec Dgr	C	_____
	FYS 100/300 ¹	First Year Seminar	1	Univ Req		_____	_____	Personal Development	1	Gen Ed		_____
			15						15			
YEAR 2-Sophomore	BIO Core	Cell, Ecology, or Genetics	4	Major	C	_____	BIO Core	Cell, Ecology, or Genetics	4	Major	C	_____
	CHE 319	Organic Chem I Lab	1	Minor	C	_____	CHE 320	Organic Chem II Lab	1	Minor	C	_____
	CHE 321	Organic Chem I Lecture	3	Minor	C	_____	CHE 322	Organic Chem II Lecture	3	Minor	C	_____
	MAT 251	Calculus	3	Spec Dgr	C	_____	_____	Fine Arts	3	Gen Ed		_____
	ENG 200 level	Literature	3	Gen Ed		_____	COM 101/202	Communication Studies	3	Gen Ed		_____
	_____	General Elective	1	Elective		_____	_____	Personal Development	1	Gen Ed		_____
			15						15			
YEAR 3-Junior	BIO Core	Cell, Ecology, or Genetics	4	Major	C	_____	BIO 217	Microbiology	4	Major	C	_____
	PHY 221	Phys for Life Sci I Lecture	3	Major	C	_____	PHY 222	Phys for Life Sci II Lecture	3	Major	C	_____
	PHY 233	Phys for Life Sci I Lab	1	Major	C	_____	PHY 234	Phys for Life Sci II Lab	1	Major	C	_____
	CHE 440	Biochemistry	4	Minor	C	_____	BIO 200-400 level	Biology Elective	4	Major	C	_____
	_____	Perspectives on Society	3	Gen Ed		_____	MAT 300	Statistics	3	Spec Dgr	C	_____
				15						15		
						OAT exam should be taken.						
YEAR 4-Senior	BIO 400 level	Approved Elective	4	Major	C	_____	BIO 400 level	Approved Elective	4	Major	C	_____
	BIO 400 level	Approved Elective	3	Major	C	_____	BIO 400 level	Approved Elective	4	Major	C	_____
	BIO 200-400 level	Biology Elective	4	Major	C	_____	_____	Humanities & Fine Arts	3	Gen Ed		_____
	HIS 100/200	History	3	Gen Ed		_____	_____	Perspectives on Society	3	Gen Ed		_____
	BIO 490	Capstone Experience	1	Major	C	_____	_____	Recommended Elective	1	Elective		_____
			15						15			

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).

- Additional notes on back of page

2020-21 ACADEMIC MAP

BS Biology - Pre-Medical Optometry

TOTAL HRS: 120



Additional Notes:

- MAT 104 College Algebra requires a math ACT sub-score of 20 or higher. 19 or below will place a student in co-requisite remediation.
- MAT 105 Trigonometry: Pre-requisite MAT 104 College Algebra **OR** ACT Math sub-score of 23.
- MAT 251 Calculus I: Pre-requisite MAT 104 College Algebra and MAT 105 Trigonometry **OR** ACT Math sub-score of 24 or higher.
- The curriculum described here leads to a BS degree with a major in biology (pre-medical science concentration) and also incorporates all the prerequisites for admission to Southern College of Optometry (SCO) in Memphis, TN. There are 20 schools of optometry in the US. Admission requirements for other optometry schools are similar to those at SCO, but check the exact requirements for schools you plan to apply to as there are some differences. Although admission to SCO only requires 90 credit hours, they give strong preference to applicants who have completed a baccalaureate degree. In recent years, less than 5% of applicants who were admitted had not completed a degree. Although you may choose any DSU major, pre-optometry students major in biology because all of the required and most of the recommended elective pre-optometry courses can be applied directly to the biology degree. If you wish to pursue a different major, please consult the pre-optometry advisor.
- The optometry program at SCO begins each August. The application period begins July 15 of the previous year. Admission decisions are done on a rolling basis beginning in mid-September. Although the application deadline is March 1, you must apply as early as possible. Most slots are filled well in advance of this deadline. Start your application process in July of the year before you graduate.
- A baccalaureate degree from Delta State requires a minimum of 120 credit hours. Of that 120 hours, at least 60 must be taken at a senior college, at least 30 must be taken at DSU, and at least 40 must be 300- or 400-level courses. Courses taken at 2-year schools cannot be counted at the 300- or 400-level. 24 of the last 30 hours must be taken at DSU.
- Enrollment in upper-level BIO courses (BIO 200 and above) requires that you have "Full Admission" status. You have full admission status if you have completed BIO 100, 101, and CHE 101, 102, 103, and 104 with no grades below C. Consult the Catalog or the Division of Mathematics and Sciences website, or see your advisor for more information.
- Applicants to optometry schools must submit an official score on the Optometry Admissions Exam (OAT). The OAT is given only in computerized format. For information on test dates, test sites, application procedure, etc., consult the Association of Schools and Colleges of Optometry website at <http://opted.org>.
- Credit for physical education, military science, dogmatic religion, vocational courses, and science courses designed for non-science majors may not be counted toward the prerequisites for professional school.
- SCO does not state a minimum number of required observation hours, but they recommend at least 40 hours or more of observation time, which should include 2 or more different optometry practices.
- Degree requirements are revised frequently. This list is a summary based on the current DSU Catalog. Consult the Catalog for complete details on all requirements for graduation. You should follow the requirements stated in the issue of the Catalog that was current for the semester you first enrolled at DSU. You may elect to follow a more recent Catalog if you wish.
- IMPORTANT: Application to health professional schools is very competitive. Completion of the minimum requirements will not ensure admission. Admission decisions are based on policies established by the professional school's faculty and admission committee. Successful applicants typically have GPAs and other qualifications well in excess of stated minimums. Talk to your advisor for more information on what is realistically needed to have a good chance of getting into your desired professional school.