

*TOPS University Louisiana Transfer Degree Associate of Science: Concentration of Biological Science
Postsecondary Partner: **Delgado Community College***

Overview:

The Associate of Science with a Concentration of Biological Science is designed to prepare students with the ability to interpret numerical data, utilize mathematical statistics, demonstrate the use of abstract reasoning, and critical thinking in scientific applications. The goal of the Biological Science transfer degree is to provide students with an opportunity to gain knowledge of the sciences and earn postsecondary credit towards a baccalaureate degree at a two year institution.

Capstone Credentials

Regional (Emerging)	Basic	Advanced	Fast Forward Advanced Plus
			Transfer Degree: Biological Science

*Core Academic Course

**Jump Start CTE Course

Grade 9	
Semester 1	Semester 2
*English I 120331	*Civics 220501/220504
*Algebra I 160321	**Quest of Success 080411
*Physical Science 150802 OR *Environmental Science 150310	*Foreign Language I
*Physical Education 190150	Elective of Choice TBD by course selected

Grade 10	
Semester 1	Semester 2
*English II 120332	*Foreign Language II
*Geometry 160323	*Biology 150301
*1/2 Physical Education II 190160 *1/2 Health Education 190500	*World Geography 220330
Elective of Choice TBD by course selected	*Elective of Choice TBD by course selected

Additional and/or equivalent TOPS core aligned courses can be found in Bulletin 741.

Grade 11			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
	*Algebra II 160322	*English Composition II ENGL 102	*English IV DE- CENL 1023 English Composition II 120607
*English Composition I ENGL 101	*English III DE- CENL 1013 English Composition I 120601	*Human Anatomy and Physiology I BIOL 251	*Anatomy: DE- CBIO 2213 and Physiology I 150330
*BIOL 141 General Biology I BIOL 143 General Biology I LAB	*Biology II DE- CBIO 1033 General Biology I (Science Majors) 150324	* General Biology II BIOL 142 General Biology II LAB BIOL 144	*Biology II DE- CBIO 1043 General Biology II (Science Majors) 150326
*American History to 1865 HIST 205	*US History DE-CHIS 2013 American History I 220407	*American History After 1865 HIST 206	*US History DE-CHIS 2023 American History II 220408
*Music Appreciation MUSC105 Intro to Theatre 101 Art Appreciation FNAR 120	Fine Art Survey DE-CART 1023 Intro to Visual Art 030592, Fine Art Survey De CMUS 1012 Music App. 030590 or Theater: DE CTHE 1013 Intro to Theatre 030717	*Math 130 Pre-Calculus Algebra	*Algebra III: DE-CMAT 1213 College Algebra 160500

Grade 12			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
*British Lit. to 1798 ENGL 221 or American Literature to 1865 ENGL 211	*English IV DE- CENL 2103 British Lit. I 120608 or English III: DE-CENL 2153 American Lit. I 120603	*Chemistry I/ Lab Chem 141/143	*Chemistry II DE-CCEM 1123 Chemistry (SCI Majors) 150420
*Statistics Math 203 or Pre-Calculus Trigonometry MATH 131	*Adv Math-Functions and Statistics: DE - CMAT 1303 Introductory Statistics 160503 or Adv Math-Pre Calc DE-CMAT 1223 Trigonometry 160501	Elective Natural Science, Humanities or Math	TBD by course selected
Elective Natural Science, Humanities or Math	TBD by course selected	Elective Natural Science, Humanities or Math	TBD by course selected
Human Anatomy and Physiology II BIOL 252	Anatomy: DE- CBIO 2223 and Physiology II 150332	Elective Natural Science, Humanities or Math	TBD by course selected
General Psychology PSYC 127 or Intro to Sociology SOCL 151	Psychology: DE CPSY 2013- Intro to Psychology 225011 or	*Early Western Civilization HIST 101	*Western Civ- DE: CHIS 1013 Western Civilization I 220446

	Sociology 220601		
Elective Social/ Behavioral Science	TBD by course selected	Intro. Speech Communication SPCH 130 or Public Speaking SPCH 230	DE Speech I 051101

This pathway framework is an outline of how the approved courses can be implemented. Schools may opt to rearrange the order of course sequencing in order to meet local scheduling requirements. Additionally, Fast Forward pathways are dynamic and the Jump Start Review Panel will consider course equivalents on an as needed basis.