

TOPS University Louisiana Transfer Degree Associate of Science: Concentration in Biological Science

Postsecondary Partner: [Louisiana Delta Community College](#)

Overview

Graduates of the Louisiana Delta Community College Associate of Science program will be able to identify the historical and modern impacts of Fine Arts, demonstrate the ability to read at the college level, identify the development of western civilizations and the cultural impact of the American political system, demonstrate the ability to interpret numerical data or utilize mathematical statistics, demonstrate the use of abstract reasoning and critical thinking in scientific applications and communicate effectively in written English. The mission of the transfer associate degree is to provide students with an opportunity to complete the first 60 hours of work toward a baccalaureate degree at a two-year or community college.

Capstone Credentials

Regional (emerging)	Basic	Advanced	Fast Forward Advanced Plus
-Not applicable			-Associate of Science Louisiana Transfer Degree: Concentration in Biological Sciences

**Core Academic Course*

***Jump Start CTE Course*

Grade 9	
Semester 1	Semester 2
LDOE Course/Code	LDOE Course/Code
*English I 120331	*Civics 220501/220504
*Algebra I 160321	**Quest for Success 080411
*Physical Science 150802 or Environmental Science 150310	*Foreign Language I
*Physical Education I 190105	Elective of choice TBD by course selected

Grade 10	
Semester 1	Semester 2
LDOE Course/Code	LDOE Course/Code
*English II 120332	*Foreign Language II
*Geometry 160323	*Biology 150301
*½ Physical Education II 190106 ½ Health Education 190500	*World Geography 220300
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	*Physical Science I PHSC 100	*Physical Science: DE - CPHY 1023 Physical Science I 150915
*Principles of Biology I/Lab BIOL 201/203	*Biology II: DE - CBIO 1033 General Biology I (Sci Majors) 150324	*Principles of Biology II/Lab BIOL 202/204	*Biology II: DE - CBIO 1043 General Biology II (Sci Majors) 150326
*History Of The United States 1492-1877 HIST 201	*US History: DE - CHIS 2013 American History I 220407	*History Of The US 1877-present HIST 202	*US History: DE - CHIS 2023 American History II 220408

*Art Appreciation ARTS 120, Music Appreciation MUSC 101 or Theater Appreciation THEA 190	*Fine Arts Survey: DE - CART 1023 Introduction to Visual Arts 030592, Fine Arts Survey: DE - CMUS 1013 Music Appreciation 030590 or Theatre: DE - CTHE 1013 Introduction to Theatre 030717	*College Algebra MATH 110	*Algebra III: DE - CMAT 1213 College Algebra 160500
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Grade 12			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
*English Literature I ENGL 201 or American Literature I ENGL 203	*English IV: DE - CENL 2103 British Literature I 120608 or English III: DE - CENL 2153 American Literature I 120603	*Chemistry I/Lab CHEM 110/111	*Chemistry II: DE - CCEM 1123 Chemistry I (Sci Majors) 150420
*Introduction To Statistics MATH 210 or Plane Trigonometry MATH 111	*Adv Mathematics - 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
Physical Science II-Pre Chemistry PHSC 120	DE Physical Science II-Pre Chemistry 890108	Elective Natural Science, Humanities or Math	TBD by course selected
Introduction To Psychology PSYC 201 or Introduction To Sociology SOCL 201	Psychology: DE CPSY 2013 - Introduction to Psychology 225011 or Sociology 220601	Western Civilization 1650 AD HIST 101	Western Civ- DE: CHIS 1013 Western Civilization I 220446
Elective Social/Behavioral Science	TBD by course selected	Fundamentals of Speech SPCM 110 or Introduction to Public Speaking SPCM 120	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.