

TOPS University Louisiana Transfer Degree Associate of Science: Concentration in Biological Sciences
Postsecondary Partner: River Parishes Community College

Overview

The Associate of Science/Louisiana Transfer degree is a 60-credit hour program designed for students who are planning to transfer to a four-year college/university and major in a biological science degree program. It is also for students who may not be planning to transfer to a four-year institution but wish to find employment in one of the various fields related to biological sciences.

Capstone Credentials

Regional (Emerging)	Basic	Advanced	Fast Forward Advanced Plus
			-Louisiana Transfer Degree Associate of Science: Concentration in Biological Sciences

*Core Academic Course
 **Jump Start CTE Course

Grade 9	
Semester 1	Semester 2
*English I 120331	*English II 120332
*Algebra I 160321	*Geometry 160323
*Civics 220501/220504	*Biology 150301
*Physical Education I 190105	*½ Physical Education II 190106 ½ Health Education 190500

Grade 10	
Semester 1	Semester 2
*Algebra II 160322	*English III 120333
*U.S. History 220403	*World History 220401
*Physical Science 150802	*Chemistry I 150401
*Foreign Language I	*Foreign Language II

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
*English Composition I ENGL 1010	*English III: DE-CENL 1013 English Composition I 120601	*English Composition II ENGL 1020	*English IV: DE-CENL 1023 English Composition II 120607
*College Algebra MATH 1100	*Algebra III: DE-CMAT 1213 College Algebra 160500	Plane Geometry MATH 1110 or Introduction to Statistics MATH 2140	TBD or * Probability & Statistics: DE-CMAT 1303 Introductory Stat 160356
*Principles of Biology I BIOL 1201/Lab BIOL 1203	*Biology II: DE-CBIO 1033 General Biology I (Sci Majors) 150324	*Principles of Biology II BIOL 1202/Lab BIOL 1204	*Biology II: DE – CBIO 1023 General Biology II (Sci Majors) 150326
Social/Behavioral Science: *Introduction to Geography GEOG 2010 or *Macroeconomics ECON 2010 or *Microeconomics ECON 2020	*World Geography: DE- CGRG 2113 World Regional Geography 220312 or *Economics: DE-CECN 2213 Macroeconomics 220608 or *Economics: DE-CECN 2223 Microeconomics 220609	Social/Behavioral Science: Choose 1 from 2000 Level of PSYC, SOCL, POLI, ECON, ANTH, GEOG, CRJU	TBD by course selected
		Elective Course: ENGL, BIOL, CHEM, PHSC, PHYS, PSYC, SPCH, HIST, SPAN, PHIL, RELS, WGNS	TBD by course selected

Grade 12			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
Literature Course: ENGL 2100, 2110, 2150, 2410, 2420, 2430, 2510, 2520, 2530, 2610, 2620, 2630, 2700, 2800 or 2900	TBD by course selected	Humanities Course: HIST, SPAN, PHIL, RELS, SPCH, WGNS, any 2000 level ENGL	TBD by course selected
Humanities Course: HIST, SPAN, PHIL, RELS, SPCH, WGNS, any 2000 level ENGL	TBD by course selected	Natural Sciences Course: BIOL, CHEM, PHSC, PHYS	TBD by course selected
*Chemistry I CHEM 1010/Lab CHEM 1010L	*Chemistry II: DE- CCEM 1103 Chemistry I 150419	Natural Sciences Course: BIOL, CHEM, PHSC, PHYS	TBD by course selected

*Fine Arts Course: ART, MUSC, THTR that aligns with TOPS requirements	*TBD by course selected	Elective Course: ENGL, BIOL, CHEM, PHSC, PHYS, PSYC, SPCH, HIST, SPAN, PHIL, RELS, WGNS	TBD by course selected
Calculus I Math 2100 or Elective Course: ENGL, BIOL, CHEM, PHSC, PHYS, PSYC, SPCH, HIST, SPAN, PHIL, RELS, WGNS	Calculus: DE – CMAT 2113-5 Calculus I or TBD by course selected	Elective Course: ENGL, BIOL, CHEM, PHSC, PHYS, PSYC, SPCH, HIST, SPAN, PHIL, RELS, WGNS	TBD by course selected

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.