



# Graduation Requirements for Entering Freshmen 2014–2015 and Beyond

SUBJECTS	TOPS UNIVERSITY DIPLOMA		JUMP START TOPS TECH CAREER DIPLOMA	
	# Units	Courses	# Units	Courses
English	1	<b>One of the following:</b> English I, English Language Part 1: Cambridge IGCSE, or English Literature Part 1: Cambridge IGCSE	1	<b>One of the following:</b> English I, English Language Part 1: Cambridge IGCSE, or English Literature Part 1: Cambridge IGCSE
	1	<b>One of the following:</b> English II, English Language Part 2: Cambridge IGCSE, or English Literature Part 2: Cambridge IGCSE	1	<b>One of the following:</b> English II, English Language Part 2: Cambridge IGCSE, or English Literature Part 2: Cambridge IGCSE
	1	<b>One of the following:</b> English III, AP English Language and Composition, IB Literature, IB Language and Literature, IB Literature and Performance, English Language Part 1: Cambridge AICE–AS (Honors), or Literature in English Part 1: Cambridge AICE–AS (Honors)	2	<b>The remaining units shall come from the following:</b> Technical Writing, Business English, English III, English Language Part 1: Cambridge AICE - AS (Honors), Literature in English Part 1(AICE - AS (Honors), English IV, any AP or IB English course, English Language Part 2: Cambridge AICE - AS (Honors), Literature in English Part 2: Cambridge AICE - AS (Honors), or comparable Louisiana technical college courses offered by Jump Start regional teams as approved by BESE
	1	<b>One of the following:</b> English IV, AP English Literature and Composition, IB Literature, IB Language and Literature, IB Literature and Performance, English Language Part 2: Cambridge AICE–AS (Honors), or Literature in English Part 2: Cambridge AICE–AS (Honors)		
	<b>NOTE:</b> If a student chooses to take the A level Cambridge course, the second unit will count as an elective credit.			
Mathematics	1	Algebra I	1	Algebra I, Applied Algebra I, or Algebra I-Part 2 <i>(The elective course Algebra I-Part 1 is a prerequisite.)</i>
	1	Geometry	1	Geometry <sup>1</sup>
	1	Algebra II	2	<b>The remaining units shall come from the following:</b> Financial Literacy (formerly Financial Math), Math Essentials, Algebra II, Advanced Math-Functions and Statistics, Advanced Math–Pre-Calculus, Algebra III, Pre-Calculus, Business Math, Probability and Statistics, Statistical Reasoning, Transition to College Math, or comparable Louisiana technical college courses offered by Jump Start regional teams as approved by BESE, Integrated mathematics I, II, and III may be substituted for algebra I, geometry, and algebra II and shall count as three math credits, Additional Math: Cambridge IGCSE, Math 1 (Pure Math): Cambridge AICE–AS (Honors), Math 1 (Pure Math): Cambridge AICE–AS (Honors), Math 1 (Pure Math): Cambridge AICE–AS (Honors)
	1	<b>One of the following:</b> Algebra III, Advanced Math–Functions and Statistics, Advanced Math–Pre-Calculus, Pre-Calculus, IB Math Studies (Math Methods), Calculus, AP Calculus AB, IB Mathematics SL, AP Calculus BC, AP Statistics, IB Further Mathematics HL, IB Mathematics HL, Probability and Statistics, AP Computer Science A, Statistical Reasoning, Additional Math–Cambridge IGCSE, Math 1 (Probability and Statistics): Cambridge AICE (Honors), Math 1 (Pure Math): Cambridge AICE–AS (Honors), Math 2 (Part 1): Cambridge AICE–A Level (Honors), or Math 2 (Part 2): Cambridge AICE–A Level (Honors)		
	<b>NOTE:</b> The Integrated Mathematics I, II, and III sequence, including the Cambridge IGCSE Integrated Math sequence, may be substituted for the Algebra I, Geometry, and Algebra II sequence.			
Science	1	Biology I	1	Biology I
	1	Chemistry I	1	<b>One of the following:</b> Chemistry I, Physical Science, Earth Science, Agriscience II*, Environmental Science, Principles of Engineering, any AP or IB science course, PLTW Principles of Engineering, Principles of engineering (LSU Partnership), Physics I: Cambridge IGCSE, Biology II: Cambridge AICE–AS (Honors), Chemistry II: AICE–AS (Honors), or Physics II: Cambridge AICE–AS (Honors)
	2	<b>Two units chosen from the following:</b> (a) Earth Science; (b) <b>one of</b> Environmental Science, Environmental Awareness; (c) <b>one of</b> Physical Science, Principles of Engineering, PLTW Principles of Engineering, Principles of Engineering (LSU Partnership); (d) Agriscience II*; (e) <b>one of</b> Chemistry II, AP Chemistry, IB Chemistry I, IB Chemistry II, or Chemistry II: Cambridge AICE–AS (Honors); (f) <b>one of</b> AP Environmental Science, IB Environmental Systems; (g) <b>one of</b> Physics I, IB Physics I, AP Physics I, Physics I: Cambridge IGCSE; or (h) <b>one of</b> AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, IB Physics II, AP Physics II, or Physics II: Cambridge AICE–AS (Honors); (i) <b>one of</b> Biology II, AP Biology, IB Biology I, IB Biology II, Biology II: Cambridge AICE–AS (Honors), or Human Anatomy and Physiology		
	*The elective course Agriscience I is a prerequisite for Agriscience II.			
Social Studies	1	<b>One of the following:</b> U.S. History, AP U.S. History, or IB History of the Americas I	1	<b>One of the following:</b> U.S. History, AP U.S. History, or IB History of the Americas I
	1	<b>One of the following:</b> Civics, American Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States	1	<b>One of the following:</b> Civics, American Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States
	2	<b>Two units chosen from the following:</b> (a) <b>one of</b> European History, AP European History, Western Civilization, or History (European): Cambridge AICE–AS (Honors); (b) <b>one of</b> World Geography, AP Human Geography, IB Geography, Physical Geography, or Geography: Cambridge AICE–AS (Honors); (c) <b>one of</b> World History, AP World History, IB History of the Americas II, or History (International): Cambridge AICE–AS (Honors); (d) History of Religion; (e) <b>one of</b> IB Economics, Economics, AP Macroeconomics, AP Microeconomics, or Economics: Cambridge AICE–AS (Honors); (f) AP Psychology, History of Religion, or African American history*		
Health and Physical Education	0.5	Health Education	0.5	Health Education
	1.5	Physical Education I and II; Adapted Physical Education I and II for eligible students in special education; JROTC I, II, III, or IV; or Physical Education I (1 unit) and 1/2 unit of Marching Band, extracurricular sports, Cheerleading, or Dance Team	1.5	Physical Education I and one half unit from among the following: Physical Education II, Marching Band, extracurricular sports, Cheerleading, Dance Team Adapted PE for eligible students or JROTC or may be substituted
	<b>NOTE:</b> JROTC I and II may be used to meet the health education requirement. Refer to §2347.			
World Language	2	Two units from the same language (§2345) <sup>2</sup>		
Art	1	Art (§2333), Music (§2355), Dance (§2337), Theatre (§2369), Speech III and IV (one unit combined), Fine Arts Survey, Drafting, Media Arts (§2354), Photography I/II, Digital Photography, or Digital Design (§ 2338)		
Electives/ Jump Start	3	Electives	9	Jump Start course sequence, workplace experiences, and approved credentials (a minimum of one industry-based credential is required for graduation)
<b>Total Units</b>	<b>24</b>		<b>23</b>	

Refer to [Bulletin 741](#) and the [LDOE Graduation Requirements](#) page the most current information.

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1 Geometry is now required for JumpStart TOPS Tech (Career Diploma) students with a Fall grade 9 2023-2024 entry year and thereafter. For grade 9 entry prior to 2023-2024, students must take three additional Math courses of which Geometry is an option.  
 2 Computer Science has been added to TOPS University students with a Fall grade 9 2023-2024 entry year graduating in 2026-2027 and thereafter.