



# Graduation Requirements for Entering Freshmen 2014-2015 and Beyond

*(newly approved course titles are underlined)*

SUBJECTS	TOPS UNIVERSITY DIPLOMA		CAREER DIPLOMA*	
	# Units	Courses	# Units	Courses
English	1	English I	1	English I
	1	English II	1	English II
	1	English III, AP English Language Arts and Composition, IB Literature, IB Language and Literature, or IB Literature and Performance	2	Technical Writing, Business English, English III, English IV, any AP or IB English course, or comparable Louisiana Technical College (LTC) courses offered by Jump Start regional teams as approved by the State Board of Elementary and Secondary Education (BESE)
	1	English IV, AP English Literature and Composition, IB Literature, IB Language and Literature, or IB Literature and Performance		
Mathematics	1	Algebra I	1	Algebra I, Applied Algebra I, or Algebra I Part 2 (the elective course Algebra I, Part 1 is a prerequisite)
	1	Geometry	3	Geometry, Financial Literacy (formerly Financial Math), Math Essentials, <u>Transition to College Mathematics</u> , Algebra II, Advanced Math-Functions and Statistics, Advanced Math-Pre-Calculus, Algebra III, Pre-Calculus, Business Math, <u>Statistical Reasoning</u> , Business Math, Probability and Statistics, or comparable Louisiana Technical College (LTC) courses offered by Jump Start regional teams as approved by the State Board of Elementary and Secondary Education (BESE)
	1	Algebra II		
	1	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, <u>Statistical Reasoning</u> , or AP Computer Science A		
	Substitutions: Integrated Mathematics I, II, and III may be substituted for the Algebra I, Geometry, and Algebra II sequence			
Science	1	Biology I	1	Biology
	1	Chemistry I	1	Chemistry I, Physical Science, Earth Science, Agriscience II,** one of Chemistry II, AP Chemistry, IB Chemistry I, or IB Chemistry II; one of AP Environmental Science or IB® Environmental Systems; one of Physics I, IB Physics I, or AP Physics I; one of AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, IB Physics II, AP Physics II; one of Biology II, AP Biology, IB Biology I, IB Biology II, or Human Anatomy and Physiology
	2	Earth Science, Environmental Science; <u>Environmental Awareness</u> , Physical Science, <u>Principles of Engineering</u> , Agriscience II;** one of Chemistry II, AP Chemistry, IB Chemistry I, or IB Chemistry II; one of AP Environmental Science or IB® Environmental Systems; one of Physics I, IB Physics I, or AP Physics I; one of AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, IB Physics II, AP Physics II; one of Biology II, AP Biology, IB Biology I, IB Biology II, or Human Anatomy and Physiology		
Social Studies	1	U. S. History, AP U. S. History, or IB History of the Americas I	1	U.S. History, AP U.S. History, or IB History of the Americas I
	1	Civics with a section on free enterprise, Government, AP U. S. Government and Politics: Comparative, AP® U. S. Government and Politics: United States	1	Civics, Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States
	2	One of European History, AP European History, Western Civilization; one of World Geography, AP Human Geography, IB Geography, <u>Physical Geography</u> ; one of World History, AP World History, IB History of the Americas II; IB Economics, Economics, AP Macroeconomics; AP Microeconomics; AP Psychology		
Health and Physical Education	0.5	Health Education <i>JROTC I and II may be used to meet the health education requirement per Bulletin 741 §2347</i>	0.5	Health Education <i>JROTC I and II may be used to meet the health education requirement per Bulletin 741 §2347</i>
	1.5	Physical Education I and II; Adapted Physical Education 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, cheering, or dance team	1	Physical Education I
			0.5	Physical Education II, Marching Band, extracurricular sports, cheering, or dance team <i>JROTC may be substituted; Adapted Physical Education for eligible students in special education may be substituted</i>
Foreign Language	2	Two units from the same language (§2345)		
	<i>See Bulletin 741 for a list of approved foreign language courses.</i>			
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		
	<i>See Bulletin 741 for a list of approved art courses.</i>			
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>	

\*A student shall complete a regionally-designed, district-implemented series of Career and Technical Education (CTE) Jump Start coursework and workplace learning experiences leading to a statewide or regional Jump Start credential. Each student's Jump Start graduation pathway shall include courses and workplace experiences specific to the credential, courses related to foundational career skills requirements, and other courses (including career electives) that the Jump Start regional team determines are appropriate for the career pathway. **NOTE:** See Act 403 (Regular Session 2015) for TOPS Tech requirements.

\*\* The elective course Agriscience I is a prerequisite for Agriscience II.

The resource for AP and IB course alignment is the [TOPS weighted GPA grid](#). This table was compiled using Louisiana Board of Elementary and Secondary Education. [Bulletin 741: Louisiana Handbook for School Administrators](#).

# Graduation Requirements for Cohort 2017

(Basic and Career Curriculum are not available to entering Freshmen Fall 2014 and beyond.)

SUBJECTS	CORE 4 CURRICULUM (entering 9th grade prior to 2014-2015)		BASIC CURRICULUM* (entering 9th grade prior to 2014-2015)		CAREER CURRICULUM* (entering 9th grade prior to 2014-2015)	
	# Units	Courses	# Units	Courses	# Units	Courses
English	1	English I	1	English I	1	English I
	1	English II	1	English II	1	English II
	1	English III <sup>2</sup>	1	English III <sup>2</sup>	2	English III, English IV, Senior Applications in English, Business English, Technical Reading and Writing, Business Communications, Using Research in Careers (1/2 credit), Film in America (1/2 credit), American Literature (1/2 credit), or a course developed by the LEA and approved by BESE
	1	English IV <sup>2</sup>	1	English IV <sup>2</sup> or Senior Applications in English		
Mathematics	1	Algebra I, Applied Algebra I, or Algebra I, Pt 2	1	Algebra I or Applied Algebra I or Algebra I - Parts 1 & 2 (two units)	1	Algebra I, Applied Algebra I, or Algebra I Part One and Algebra I Part Two (2 units)
	1	Geometry or Applied Geometry	1	Geometry or Applied Geometry	3	Geometry or Applied Geometry; Technical Math; Medical Math; Applications in Statistics and Probability; Financial Mathematics; Math Essentials; Algebra II; Advanced Math-Pre-Calculus; Discrete Mathematics, or courses developed by the LEA and approved by BESE
	1	Algebra II	2	Algebra II, Financial Mathematics, Math Essentials, Advanced Math-Pre-Calculus, Advanced Math-Functions and Statistics; Pre-calculus <sup>2</sup> ; Calculus <sup>2</sup> ; Probability and Statistics <sup>2</sup> ; Discrete Mathematics, AP <sup>®</sup> Computer science A, or a locally initiated elective approved by BESE as a math substitute		
	1	Financial Mathematics; Math Essentials; Advanced Math – Functions and Statistics; Advanced Math – Pre-Calculus <sup>2</sup> ; Pre-Calculus <sup>2</sup> ; Calculus <sup>2</sup> ; Probability and Statistics <sup>2</sup> ; AP <sup>®</sup> Calculus BC, AP <sup>®</sup> Computer Science A; Discrete Mathematics; or a locally initiated elective approved by BESE				
Science	1	Biology <sup>2</sup>	1	Biology <sup>2</sup>	1	Biology I
	1	Chemistry <sup>2</sup>	1	Physical Science or Integrated Science; Chemistry I <sup>2</sup> ; Physics I <sup>2</sup> ; Physics of Technology I	1	Physical Science or Integrated Science; Chemistry I; ChemCom; Physics I; Physics of Technology I
	2	Aerospace Science; Anatomy and Physiology, Physical Science or Integrated Science; Agriscience II (Agriscience I is a prerequisite for Agriscience II and is an elective course); Earth Science; Environmental Science <sup>2</sup> ; Physical Science; Chemistry II <sup>2</sup> ; Physics I <sup>2</sup> ; Physics of Technology I; Physics II <sup>2</sup> ; Physics of Technology II, Biology II <sup>2</sup> ; AP <sup>®</sup> Physics C: Electricity and Magnetism; AP <sup>®</sup> Physics C: Mechanics; or a locally initiated elective approved by BESE	1	Aerospace Science; Biology II <sup>2</sup> ; Chemistry II <sup>2</sup> ; Earth Science; Environmental Science <sup>2</sup> ; Physics II <sup>2</sup> ; Physics of Technology II; Agriscience II (Agriscience I is a prerequisite for Agriscience II and is an elective); Anatomy and Physiology; ChemCom; an additional course from the physical science cluster, or a locally initiated elective approved by BESE as a science substitute	1	Food Science, Forensic Science, Allied Health Science, Basic Body Structure and Function, Basic Physics with Applications, Aerospace Science, Earth Science, Agriscience II (Agriscience I is a prerequisite for Agriscience II and is an elective), Physics of Technology II, Environmental Science, Anatomy and Physiology, Animal Science, Biotechnology in Agriculture, Environmental Studies in Agriculture, Health Science II, EMT – Basic, an additional course from the physical science cluster, course(s) developed by the LEA and approved by BESE
Social Studies	1	United States History <sup>2</sup>	1	United States History <sup>2</sup>	1	United States History
	1	Civics <sup>2</sup> , Civics with section on free enterprise (2011 and beyond) or 1/2 of Civics and 1/2 unit of Free Enterprise (prior to 2011)	1	Civics <sup>2</sup> , Civics with section on free enterprise (2011 and beyond) or 1/2 of Civics and 1/2 unit of Free Enterprise (prior to 2011)	1	Civics with section on free enterprise (2011 and beyond) or 1/2 of Civics and 1/2 unit of Free Enterprise (prior to 2011)
	1	World History <sup>2</sup> ; World Geography <sup>2</sup> ; Western Civilization <sup>2</sup> or AP <sup>®</sup> European History	1	World History <sup>2</sup> ; World Geography <sup>2</sup> ; Western Civilization <sup>2</sup> , or AP <sup>®</sup> European History	1	Child Psychology and Parenthood Education, Law Studies, Psychology, Sociology, World History, World Geography, Western Civilization, Economics, American Government, African American Studies, or a course developed by the LEA and approved by BESE
1	World History <sup>2</sup> ; World Geography <sup>2</sup> ; Western Civilization <sup>2</sup> or AP <sup>®</sup> European History; Law Studies; Psychology <sup>2</sup> ; Sociology, Civics (second semester for 1/2 credit); African American Studies; Economics; AP <sup>®</sup> Economics: Micro; AP <sup>®</sup> Government and Politics: Comparative; AP <sup>®</sup> Government and Politics: US; AP <sup>®</sup> Human Geography					
Health and Physical Education	0.5	Health Education (JROTC I and II may be used to meet the Health Ed requirement as per Bulletin 741§2347)	0.5	Health Education (JROTC I and II may be used to meet the Health Ed requirement as per Bulletin 741§2347)	0.5	Health Education (JROTC I and II may be used to meet the Health Ed requirement as per Bulletin 741§2347)
	1	Physical Education I	1	Physical Education I	1	Physical Education I
	0.5	PE II	0.5	PE II, Marching Band, Extracurricular Sports, Cheering, or Dance Team	0.5	PE II
<i>ROTC may be substituted for PE/Adaptive physical education for eligible special education student may be substituted</i>						
Electives/ CTE Electives	3	Select electives aligned with interests and chosen career pathway	1	Journey to Careers, Education for Careers, or Jobs for America's Graduates (AOC primary credit)	1	Journey to Careers, Education for Careers, or Jobs for America's Graduates (AOC primary credit)
			7	5 of the 7 elective courses must align with chosen Area of Concentration, including 3 primary credits and 2 related credits	6	Select CTE elective courses aligned with chosen Area of Concentration (4 primary credits and 2 related credits)
Foreign Language	2	Foreign Language (2 units in the same foreign language) or 2 speech courses				
Art	1	Art (Bulletin 741§2333), Dance (Bulletin 741§2337), Media Arts (Bulletin 741§2354), Music (Bulletin 741§2355), Theatre Arts (Bulletin 741§2369), or Fine Arts Survey, photography II or digital photography				
<b>Total Units</b>	<b>24</b>		<b>24</b>		<b>23</b>	

<sup>2</sup>Bulletin 741, Chapter 23 states "For courses indicated with \*, an Advance Placement (AP<sup>®</sup>) or International Baccalaureate (IB<sup>®</sup>) course designated in §2325 may be substitute."

**NOTE:** This table compiled using [Bulletin 741](#) (December 2017)

Louisiana. Board of Elementary and Secondary Education. (2017, December). *Bulletin 741: Louisiana Handbook for School Administrators*. Published: January 2018