

TOPS UNIVERSITY

(College Diploma) Course Requirements For Incoming Freshmen Beginning Fall 2014

ENGLISH = 4 Units	Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title	
1 Unit	120331	✓		English I	
1 Unit	120332	✓		English II	
1 Unit from the following:	120333	✓		English III	
	120329		✓	English III: Gifted	
	120341		✓	English III: Honors	
	120325		✓	English III: AP* English Language and Composition	
	120403		✓	English III: IB* Literature	
	120327		✓	English III: IB* Language & Literature	
	120404		✓	English III: IB* Literature & Performance	
	120601		✓	English III: DE - CENL 1013 English Composition I	
	120602		✓	English III: DE - CENL 1023 English Composition II	
	120603		✓	English III: DE - CENL 2153 American Literature I	
	120604		✓	English III: DE - CENL 2163 American Literature II	
	120605		✓	English III: DE - CENL 2173 Major American Writers	
	1 Unit from the following:	120334	✓		English IV
		120330		✓	English IV: Gifted
120342			✓	English IV: Honors	
120326			✓	English IV: AP* English Literature and Composition	
120405			✓	English IV: IB* Literature	
120328			✓	English IV: IB* Language & Literature	
120406			✓	English IV: IB* Literature & Performance	
120606			✓	English IV: DE - CENL 1013 English Composition I	
120607			✓	English IV: DE - CENL 1023 English Composition II	
120608			✓	English IV: DE - CENL 2103 British Literature I	
120609			✓	English IV: DE - CENL 2113 British Literature II	
120610			✓	English IV: DE - CENL 2123 Major British Writers	
120611			✓	English IV: DE - CENL 2203 World Literature I	
120612			✓	English IV: DE - CENL 2213 World Literature II	
120613			✓	English IV: DE - CENL 2223 Major World Writers	
120614			✓	English IV: DE - CENL 2303 Introduction to Fiction	
120615			✓	English IV: DE - CENL 2323 Introduction to Literature	
120616		✓	English IV: DE - CENL 2313 Introduction to Poetry and/or Drama		

Math = 4 Units	Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
1 Unit	160321	✓		Algebra
1 Unit	160323	✓		Geometry
1 Unit	160322	✓		Algebra II (Integrated Mathematics I, Integrated Mathematics II, and Integrated Mathematics III may be substituted for the Algebra I, Geometry, and Algebra II sequence)
1 Unit from the following:	160375	✓		Algebra III
	160500		✓	Algebra III: DE – CMAT 1213 College Algebra
	160347	✓		Advanced Math – Functions and Statistics
	160349	✓		Probability and Statistics
	160367		✓	Probability and Statistics: Honors
	160352		✓	Probability and Statistics: AP [®] Statistics
	160356		✓	Probability and Statistics: DE- CMAT 1303 Introductory Statistics
	160346	✓		Advanced Math – Pre-Calculus
	160501		✓	Adv Math-Pre Calc: DE- CMAT 1223 Trigonometry
	160348	✓		Pre-Calculus
	160372		✓	Pre-Calculus: Gifted
	160366		✓	Pre-Calculus: Honors
	160365		✓	Pre-Calculus: IB [®] Math Studies I
	160369		✓	Pre-Calculus: IB [®] Math Studies II
	160502		✓	Pre-Calculus: DE – CMAT 1233 or (CMAT 1213 & 1223) Algebra and Trigonometry
	160326	✓		Calculus
	160368		✓	Calculus: Honors
	160357		✓	Calculus I: Gifted
	160358		✓	Calculus II: Gifted
	160327		✓	Calculus: AP [®] Calculus AB
	160328		✓	Calculus: AP [®] Calculus BC
	160359		✓	Calculus: IB [®] Mathematics SL I
	160370		✓	Calculus: IB [®] Mathematics SL II
	160360		✓	Calculus: IB [®] Mathematics HL I
	160371		✓	Calculus: IB [®] Mathematics HL II
	160504		✓	Calculus: DE – CMAT 2103 Applied Calculus
	160506		✓	Calculus: DE – CMAT 2113-5 Calculus I
	160507		✓	Calculus: DE – CMAT 2123-5 Calculus II
	160355		✓	Calculus: IB [®] Further Mathematics
	061175		✓	AP Computer Science A

Science = 4 Units		Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
1 Unit from the following:		150301	✓		Biology I
		150321		✓	Biology I: DE - CBIO 1013 General Biology I
		150322		✓	Biology I: DE - CBIO 1033 General Biology I (Sci Majors)
1 Unit from the following:		150401	✓		Chemistry I
		150400		✓	Chemistry I: Honors
		150412		✓	Chemistry I: Gifted
		150413		✓	Chemistry I: DE - CCEM 1013 General Chemistry Survey I
		150414		✓	Chemistry I: DE - CCEM 1103 Chemistry I
		150415		✓	Chemistry I: DE - CCEM 1123 Chemistry I (Sci Majors)
		150415		✓	Chemistry I: DE - CCEM 1123 Chemistry I (Sci Majors)
2 Units from the following:	1 from:	150302	✓		Biology II
		150327		✓	Biology II: Gifted
		150307		✓	Biology II: AP* Biology
		150305		✓	Biology II: IB* Biology I
		150308		✓	Biology II: IB* Biology II
		150323		✓	Biology II: DE - CBIO 1013 General Biology I
		150324		✓	Biology II: DE - CBIO 1033 General Biology I (Sci Majors)
		150325		✓	Biology II: DE - CBIO 1023 General Biology II
		150326		✓	Biology II: DE - CBIO 1043 General Biology II (Sci Majors)
		150303		✓	Biology II: Honors
		150306	✓		Human Anatomy & Physiology
		150330		✓	Anatomy: DE - CBIO 2213 Human Anatomy & Physiology I
		150331		✓	Anatomy: DE - CBIO 2214 Human Anatomy & Physiology I (Lec/Lab)
		150332		✓	Anatomy: DE - CBIO 2223 Human Anatomy & Physiology II
		150333		✓	Anatomy: DE - CBIO 2224 Human Anatomy & Physiology II (Lec/Lab)
		1 from:	150402	✓	
	150416			✓	Chemistry II: Gifted
	150410			✓	Chemistry II: AP* Chemistry
	150423			✓	Chemistry II: IB* Chemistry I
	150411			✓	Chemistry II: IB* Chemistry II
	150417			✓	Chemistry II: DE - CCEM 1003 General, Organic and Biochemistry
	150418			✓	Chemistry II: DE - CCEM 1013 General Chemistry Survey I
	150419			✓	Chemistry II: DE - CCEM 1103 Chemistry I
	150420			✓	Chemistry II: DE - CCEM 1123 Chemistry I (Sci Majors)
	150421			✓	Chemistry II: DE - CCEM 1113 Chemistry II
	150422			✓	Chemistry II: DE - CCEM 1133 Chemistry II (Sci Majors)
	1 from:	150424		✓	Chemistry II: Honors
		150901	✓		Earth Science
		150909		✓	Earth Science: DE - CGEO 1103 Physical Geology
	1 from:	150910		✓	Earth Science: DE - CGEO 1113 Historical Geology
		150310	✓		Environmental Science
	1 from:	150328		✓	Environmental Science: Honors
		150913		✓	Environmental Science: Gifted
		150311		✓	Environment Science: AP* Environmental Science
		150312		✓	Environmental Science: IB* Environmental Systems
		150914		✓	Environmental Science: DE - CEUS 1103 Environmental Science
		1 from:	150802	✓	
	150915			✓	Physical Science: DE - CPHY 1023 Physical Science I
	1 from:	010301	✓		Agriscience I*
		010302	✓		Agriscience II*

Science = 4 Units		Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
1 from:	1 from:	150000	✓		Physics I
		150699		✓	Physics: Honors
		150705		✓	Physics: Gifted
		150724		✓	Physics: AP [*] Physics I – Algebra Based**
		150703		✓	Physics: IB [*] Physics I
	1 from:	150725		✓	Physics: AP [*] Physics II – Algebra Based**
		150794		✓	Physics: AP [*] Physics C – Electricity and Magnetism
		150795		✓	Physics: AP [*] Physics C – Mechanics
		150704		✓	Physics: IB [*] Physics II
		150726		✓	Physics: DE – CPHY 2113 Physics I (Algebra/Trig Based)
		150727		✓	Physics: DE – CPHY 2114 Physics I (Lecture and Lab)
		150728		✓	Physics: DE – CPHY 2133 Physics I (Calculus Based)

*Agriscience I and Agriscience II (one unit combined)

**Students who choose to use AP^{*} Physics I and AP^{*} Physics II to fulfill their TOPS core science requirements for a TOPS Opportunity, Performance or Honors award must take and earn credit for both AP Physics I and AP Physics II.

Social Studies = 4 Units		Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
1 Unit from the following:		220403	✓		U.S. History
		220409		✓	U.S. History: Honors
		220406		✓	U.S. History: Gifted
		220404		✓	AP [*] U.S. History
		220405		✓	IB [*] History of the Americas I
		220407		✓	U.S. History: DE – CHIS 2013 American History I
		220408		✓	U.S. History: DE – CHIS 2023 American History II
1 Unit from the following:		220502	✓		Government
		220505		✓	Government: Honors
		220513		✓	Government: Gifted
		220501	✓		Civics (1st semester)
		220504	✓		Civics (2nd semester)
		220604		✓	Government: AP [*] Government and Politics: Comparative
		220503		✓	Government: AP [*] Government and Politics: United States
		220514		✓	Government: DE – CPOL 2013 Introduction to American Govt
		220515		✓	Government: DE – CPOL 2113 Introduction to State & Local Govt
		220516		✓	Government: DE – CPOL 2213 Introduction to Comparative Govt

Social Studies = 4 Units		Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
2 Units from the following:	1 from:	220402	✓		Western Civilization
		220446		✓	Western Civilization: DE – CHIS 1013 Western Civilization I
		220447		✓	Western Civilization: DE – CHIS1023 Western Civilization II
		220410	✓		European History
		220449		✓	European History: Gifted
		220412		✓	European History: AP* European History
	1 from:	220300	✓		World Geography
		220315		✓	World/Human Geography: Gifted
		220310		✓	World Geography: AP* Human Geography
		220311		✓	World Geography: IB* Geography
		220312		✓	World Geography: DE – CGRG 2113 World Regional Geography
	1 from:	220401	✓		World History
		220400		✓	World History: Honors
		220413		✓	World History: AP* World History
		220414		✓	World History: IB* World History
		220411		✓	World History: IB* History of the America II
		220450		✓	World History: DE – CHIS 1113 World Civilization I
		220451		✓	World History: DE – CHIS 1123 World Civilization II
	1 from:	222009	✓		History of Religion*
		220013		✓	History of Religion: DE – CPHL 2213 World Religions*
	1 from:	220201	✓		Economics
		220606		✓	Economics: Gifted
		220603		✓	Economics: AP* Macroeconomics
		220602		✓	Economics: AP* Microeconomics
		220610		✓	Economics: IB* Economics
		220202		✓	Economics: DE – CECN 2113 Economic Principles
		220608		✓	Economics: DE – CECN 2213 Macroeconomics
		220609		✓	Economics: DE – CECN 2223 Microeconomics
		222004	✓		Psychology: AP* Psychology

*Option only available for Non-public schools

Foreign Language = 2 Units		Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
Foreign Language, both units in the same language, which may include the following:		123501	✓		Arabic I
		123502	✓		Arabic II
		123503	✓		Arabic III
		123504	✓		Arabic IV
		123507		✓	Arabic: IB* Language ab initio
		123508		✓	Arabic: IB* Language B
		123505		✓	Arabic: DE – CARB 1013/1014 Elementary Arabic I
		123506		✓	Arabic: DE – CARB 1023/1024 Elementary Arabic II
		121001	✓		French I
		121002	✓		French II
		121003	✓		French III
		121004	✓		French IV
		121009		✓	French III: Gifted
		121010		✓	French IV: Gifted
		121006		✓	French: AP* French Language and Culture
		121007		✓	French: IB* Language ab initio
		121008		✓	French: IB* Language B
		121011		✓	French: DE – CFRN 1013/1014 Elementary French I

Foreign Language = 2 Units	Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
	121012		✓	French: DE - CFRN 1023/1024 Elementary French II
	121013		✓	French: DE - CFRN 2013/2014 Intermediate French I
	121014		✓	French: DE - CFRN 2023 Intermediate French II
	121101	✓		German I
	121102	✓		German II
	121103	✓		German III
	121104	✓		German IV
	121107		✓	German III: Gifted
	121108		✓	German IV: Gifted
	121106		✓	German: AP* German Language and Culture
	121113		✓	German: IB* Language ab initio
	121114		✓	German: IB* Language B
	121109		✓	German: DE - CGRM 1013/1014 Elementary German I
	121110		✓	German: DE - CGRM 1023/1024 Elementary German II
	121111		✓	German: DE / CGRM 2013 Intermediate German I
	121112		✓	German: DE / CGRM 2023 Intermediate German II
	121601	✓		Latin I
	121602	✓		Latin II
	121603	✓		Latin III
	121604	✓		Latin IV
	121607		✓	Latin III: Gifted
	121608		✓	Latin IV: Gifted
	121606		✓	Latin: AP* Latin
	121613		✓	Latin: IB* Classical Language
	121609		✓	Latin: DE - CLTN 1013/1014 Elementary Latin I
	121610		✓	Latin: DE - CLTN 1023/1024 Elementary Latin II
	121611		✓	Latin: DE - CLTN 2013 Intermediate Latin I
	121612		✓	Latin: DE - CLTN 2023 Intermediate Latin II
	122501	✓		Spanish I
	122502	✓		Spanish II
	122503	✓		Spanish III
	122504	✓		Spanish IV
	122509		✓	Spanish III: Gifted
	122510		✓	Spanish IV: Gifted
	122506		✓	Spanish: AP* Spanish Language and Culture
	122507		✓	Spanish: IB* Language ab initio
	122508		✓	Spanish: IB* Language B
	122498		✓	Spanish: IB* Spanish IV
	122499		✓	Spanish: IB* Spanish V
	122511		✓	Spanish: DE - CSPN 1013/1014 Elementary Spanish I
	122512		✓	Spanish: DE - CSPN 1023/1024 Elementary Spanish II
	122513		✓	Spanish: DE - CSPN 2013/2014 Intermediate Spanish I
	122514		✓	Spanish: DE - CSPN 2023 Intermediate Spanish II
	123101	✓		Chinese I
	123102	✓		Chinese II
	123103	✓		Chinese III
	123104	✓		Chinese IV
	123108		✓	Chinese III: Gifted
	123109		✓	Chinese IV: Gifted
	123106		✓	Chinese: AP* Chinese Language and Culture
	123110		✓	Chinese: IB* Language ab initio
	123107		✓	Chinese: IB* Language B

Foreign Language = 2 Units	Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
	121401	✓		Italian I
	121402	✓		Italian II
	121403	✓		Italian III
	121404	✓		Italian IV
	121407		✓	Italian III: Gifted
	121408		✓	Italian IV: Gifted
	121406		✓	Italian: AP* Italian Language and Culture
	121409		✓	Italian: IB* Language ab initio
	121410		✓	Italian: IB* Language B
	121501	✓		Japanese I
	121502	✓		Japanese II
	121503	✓		Japanese III
	121504	✓		Japanese IV
	121506		✓	Japanese III: Gifted
	121507		✓	Japanese IV: Gifted
	121505		✓	Japanese: AP* Japanese Language and Culture
	121508		✓	Japanese: IB* Language ab initio
	121509		✓	Japanese: IB* Language B
	121200	✓		Hindi I
	121201	✓		Hindi II
	121202	✓		Hindi III
	121203	✓		Hindi IV
	121700	✓		Portuguese I
	121701	✓		Portuguese II
	121702	✓		Portuguese III
	121703	✓		Portuguese IV
	123520	✓		Vietnamese I
	123521	✓		Vietnamese II
	123522	✓		Vietnamese III
	123523	✓		Vietnamese IV
	123530	✓		Korean I
	123531	✓		Korean II
	123532	✓		Korean III
	123533	✓		Korean IV
	122001	✓		Russian I
	122002	✓		Russian II
	122003	✓		Russian III
	122004	✓		Russian IV
	123301	✓		Hebrew I
	123302	✓		Hebrew II
	123303	✓		Hebrew III
	123304	✓		Hebrew IV
	123201	✓		Greek I
	123202	✓		Greek II
	123203	✓		Greek III
	123204	✓		Greek IV
	123456	✓		American Sign Language I
	123457	✓		American Sign Language II

Art = 1 Unit	Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
1 Unit from the following:	030501	✓		Art I
	030502	✓		Art II
	030503	✓		Art III
	030504	✓		Art IV
	110560	✓		Art: Drafting
	030596		✓	Art History: Gifted
	030597		✓	Art: AP [®] Art History
	030595		✓	Art History: DE - CART 2103 Art History I
	030594		✓	Art History: DE- CART 2113 Art History II
	030514		✓	Studio Art Design: Talented Visual Arts I
	030515		✓	Studio Art Design: Talented Visual Arts II
	030516		✓	Studio Art Design: Talented Visual Arts III
	030517		✓	Studio Art Design: Talented Visual Arts IV
	030520		✓	Studio Art Design: DE - CART 1113 Art Structure/2-D Design
	030521		✓	Studio Art Drawing: DE - CART 2203 Beginning Drawing
	030509		✓	Art: AP [®] Studio Art: 2-D Design
	030508		✓	Art: AP [®] Studio Art: 3-D Design
	030519		✓	Art: AP [®] Studio Art: Drawing
	030522		✓	Art: IB [®] Visual Arts
	030360	✓		Applied Music
	030300	✓		Beginning Band
	190110	✓		Marching Band
	030310	✓		Beginning Choir
	030353	✓		Sectional Rehearsal
	030361	✓		Studio Piano I
	030362	✓		Studio Piano II
	030363	✓		Studio Piano III
	030480	✓		Studio Strings I
	030481	✓		Studio Strings II
	030482	✓		Studio Strings III
	030301	✓		Intermediate Band
	030311	✓		Intermediate Choir
	030439		✓	Music: Talented Choir: Intermediate
	030302	✓		Advanced Band
	030312	✓		Advanced Choir
	030440		✓	Music: Talented Choir: Advanced
	030320	✓		Beginning Orchestra
	030321	✓		Intermediate Orchestra
	030459		✓	Music: Talented Orchestra: Intermediate
	030322	✓		Advanced Orchestra
	030460		✓	Music: Talented Orchestra: Advanced
	030313	✓		Small Voice Ensemble
	030449		✓	Music: Talented Small Voice Ensemble II
	030303	✓		Wind Ensemble
	030304	✓		Jazz Ensemble
	030352	✓		Guitar Class
	030350	✓		Piano Class
030341	✓		Music Theory I	
030342	✓		Music Theory II	
030318	✓		Music and Media	
030319	✓		Music and Technology	
030371		✓	Music: Talented Music I	

Art = 1 Unit	Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
	030372		✓	Music: Talented Music II
	030373		✓	Music: Talented Music III
	030374		✓	Music: Talented Music IV
	030365		✓	Music: IB* Music I
	030366		✓	Music: IB* Music II
	030332	✓		Fine Arts Survey
	030364		✓	Fine Arts Survey: AP* Music Theory
	030590		✓	Fine Arts Survey: DE - CMUS 1013 Music Appreciation
	030591		✓	Fine Arts Survey: DE - CDNC 1013 Dance Appreciation
	030592		✓	Fine Arts Survey: DE - CART 1023 Introduction to Visual Arts
	030593		✓	Fine Arts Survey: DE - CART 1013 Exploring the Arts
	030600	✓		Dance I
	030621	✓		Dance II
	030631	✓		Dance III
	030641	✓		Dance IV
	030719		✓	Dance: IB* Dance
	030700	✓		Theatre I
	030721	✓		Theatre II
	030731	✓		Theatre III
	030741	✓		Theatre IV
	030701	✓		Technical Theatre
	030702	✓		Theatre Design and Technology
	030710		✓	Theatre: Talented Theatre I
	030711		✓	Theatre: Talented Theatre II
	030712		✓	Theatre: Talented Theatre III
	030713		✓	Theatre: Talented Theatre IV
	030718		✓	Theatre: IB Theatre
	030709		✓	Theatre: Talented Introduction to Film Studies
	030706		✓	Theatre: IB Film Study I
	030707		✓	Theatre: IB Film Study II
	030708		✓	Theatre: IB Film Study III
	030715		✓	Theatre: DE - CTHE 2103 Acting I
	030716		✓	Theatre: DE - CTHE 2113 Acting II
	030717		✓	Theatre: DE - CTHE 1013 Introduction to Theatre
	030810	✓		Media Arts I
	030820	✓		Media Art II
	030830	✓		Media Arts III
	030840	✓		Media Arts IV
	312400	✓		Photography I
	312405	✓		Photography II
	312414	✓		Digital Photography
	051103	✓		Speech III*
	051104	✓		Speech IV*

*Speech III and IV (1 Unit Combined)

Health/Physical Education = 2 Units	Course Code	TOPS 4 Point Scale	TOPS 5 Point Scale	Course Title
1 Unit from the following:	190105	✓		Physical Education I*
	190100	✓		Adapted Physical Education I**
	170001	✓		JROTC I
	170002	✓		JROTC II
	170003	✓		JROTC III
	170004	✓		JROTC IV
½ Unit from the following:	190106	✓		Physical Education II*
	190097	✓		Adapted Physical Education II**
	170001	✓		JROTC I
	170002	✓		JROTC II
	170003	✓		JROTC III
	170004	✓		JROTC IV
	190110	✓		Marching Band
	190113	✓		Extracurricular Sports
	190111	✓		Cheerleading
	190112	✓		Dance Team
½ Unit from the following:	190500	✓		Health Education
	170001	✓		JROTC I***
	170002	✓		JROTC II***

*In schools having approved Junior Reserve Officer Training Corps (JROTC) training, credits may, at the option of the local school board, be substituted for the required credits in physical education.

**Adapted physical education I restricted to eligible special education students.

***JROTC I and II may be used to meet the health education requirement provided the following requirements are met. A minimum of 2000 minutes of instructional time shall be devoted health education in JROTC I and in JROTC II. Students must take both JROTC I and JROTC II to meet the health education requirement. All of the standards and GLEs for health shall be covered in JROTC I and JROTC II. JROTC I and JROTC II shall include instruction in CPR, automated external defibrillators, and content relative to dating violence as required by state law.

Electives = 3 Units				Electives
Total Units = 24				