

Prerequisites for IB or AP Enrollment

Grades 8, 9 & 10: Students planning to enroll in IB or AP studies should begin challenging courses in middle school and continue in 9th and 10th grade.

Math Preparation

<i>IB Programme</i>	<i>AP Program</i>
Grade 8 Options <ul style="list-style-type: none"> • Math I • Honors Math II 	Grade 8 Options <ul style="list-style-type: none"> • Math I • Honors Math II
Grade 9 Options <ul style="list-style-type: none"> • Math I • Honors Math II • Honors Math III 	Grade 9 Options <ul style="list-style-type: none"> • Math I • Honors Math II • Honors Math III
Grade 10 Options <ul style="list-style-type: none"> • Honors Math II • Honors Math III • Honors Pre-Calculus 	Grade 10 Options <ul style="list-style-type: none"> • Honors Math II • Honors Math III • Honors Pre-Calculus
Grade 11 <ul style="list-style-type: none"> • IB Mathematics 1 SL 	Grade 11 <ul style="list-style-type: none"> • Advanced Calculus Topics/AB Calculus • *AP Calculus AB • *AP Calculus BC
Grade 12 <ul style="list-style-type: none"> • IB Mathematics 2 SL 	Grade 12 <ul style="list-style-type: none"> • AP Companion for Statistics /AP Statistics • *AP Calculus BC

English Preparation

Grade 9 <ul style="list-style-type: none"> • Honors English I 	Grade 9 <ul style="list-style-type: none"> • Honors English I
Grade 10 <ul style="list-style-type: none"> • Honors English II 	Grade 10 <ul style="list-style-type: none"> • Honors English II
Grade 11 <ul style="list-style-type: none"> • IB English 1 HL 	Grade 11 <ul style="list-style-type: none"> • AP Companion English III Honors • AP English Language & Composition
Grade 12 <ul style="list-style-type: none"> • IB English 2 HL 	Grade 12 <ul style="list-style-type: none"> • AP Companion English IV Honors • AP English Literature & Composition

Science Preparation

IB Programme

AP Program

Grade 9 Options <ul style="list-style-type: none"> • Honors Earth Science • Honors Biology 	Grade 9 Options <ul style="list-style-type: none"> • Honors Earth Science • Honors Biology
Grade 10 Options <ul style="list-style-type: none"> • Honors Biology • Honors Chemistry 	Grade 10 Options <ul style="list-style-type: none"> • Honors Chemistry • Honors Physics
Grade 11 Options <ul style="list-style-type: none"> • IB Biology 1 SL/HL • IB Chemistry 1 SL • IB Physics 1 SL 	Grade 11 Options <ul style="list-style-type: none"> • AP Comp. Honors/AP Biology (H Bio/H Chem) • AP Comp. Honors/AP Chemistry (H Chem) • *AP Environmental Science (HBio/HChem) • *AP Physics I/AP Physics II (AFM)
Grade 12 Options <ul style="list-style-type: none"> • IB Biology 2 SL/HL • IB Chemistry 2SL • IB Physics 2 SL 	Grade 12 Options <ul style="list-style-type: none"> • AP Comp. Honors/AP Biology (H Bio/H Chem) • AP Comp. Honors/AP Chemistry (H Chem) • *AP Environmental Science (H Bio/H Chem) • *AP Physics I/AP Physics II (AFM)

Social Studies Preparation

Grade 9 <ul style="list-style-type: none"> • Honors World History 	Grade 9 <ul style="list-style-type: none"> • Honors World History
Grade 10 <ul style="list-style-type: none"> • Honors Civics & Economics 	Grade 10 <ul style="list-style-type: none"> • Honors Civics & Economics
Grade 11 <ul style="list-style-type: none"> • IB History of the Americas 	Grade 11 Options <ul style="list-style-type: none"> • Honors American History/AP US History • *AP World History (H World) • *AP Government and Politics (H Civics) • *AP Psychology • *AP Human Geography • *AP Macroeconomics (H Civics) • *AP Microeconomics (H Civics) • *AP European History (H Civics)
Grade 12 <ul style="list-style-type: none"> • IB World History in the Twentieth Century 	Grade 12 Options <ul style="list-style-type: none"> • *AP World History (H World) • *AP Government and Politics (H Civics) • *AP Psychology • *AP Human Geography • *AP Macroeconomics (H Civics) • *AP Microeconomics (H Civics) • *AP European History (H Civics)

*Indicates course will be taught in one semester and will have no companion course as a prerequisite.

Foreign Language Preparation

IB Programme

AP Program

<p>Grade 9 Options</p> <ul style="list-style-type: none"> • Spanish I/Spanish II • French I/French II • Chinese I/Chinese II • German I/German II 	<p>Grade 9 Options</p> <ul style="list-style-type: none"> • Spanish I/Spanish II • French I/French II • Chinese I/Chinese II • German I/German II
<p>Grade 10 Options</p> <ul style="list-style-type: none"> • Spanish II/Spanish III • French II/French III • Chinese II /Chinese III • German II/German III 	<p>Grade 10 Options</p> <ul style="list-style-type: none"> • Spanish II/Spanish III • French II/French III • Chinese II /Chinese III • German II/German III
<p>Grade 11 Options</p> <ul style="list-style-type: none"> • IB Spanish 1 SL • IB French 1 SL • IB Chinese 1 SL • IB German 1 SL • IB French ab initio (For students who have not met Language requirements) 	<p>Grade 11 Options</p> <ul style="list-style-type: none"> • Spanish III/Spanish IV • French III/French IV • Chinese III /Chinese IV • German III/German IV
<p>Grade 12 Options</p> <ul style="list-style-type: none"> • IB Spanish 2 SL • IB French 2 SL • IB Chinese 2 SL • IB German 2 SL 	<p>Grade 12 Options</p> <ul style="list-style-type: none"> • Spanish V Companion/AP Spanish • French V Companion/AP French • German V Companion/ AP German • Chinese V Companion/AP Chinese

NORTH CAROLINA FUTURE READY CORE OF STUDY

Content Area	Future Ready Core	Courses
English	4 Credits	<ul style="list-style-type: none"> • English I • English II • English III • English IV
Mathematics	4 Credits	<ul style="list-style-type: none"> • Math I • Math II • Math III • Higher Level Math Course
Science	3 Credits	<ul style="list-style-type: none"> • Physical Science, Chemistry, or Physics • Biology • Earth Science or AP Environmental Science
Social Studies	4 Credits	<ul style="list-style-type: none"> • World History • Civics and Economics • American History I: Founding Principles • American History II or AP US History
<i>World Language</i>	Not required for graduation	Two World language courses required to meet minimum application requirements for UNC
Health & PE	1 Credit	Health & Physical Education
<i>Academic Electives</i>	6 Credits	<p>2- Any combination from one of the following:</p> <ul style="list-style-type: none"> • Career and Technical Education (CTE) • Arts Education • World Languages <p>4- Recommended (four course concentration) from one of the following:</p> <ul style="list-style-type: none"> • Career and Technical Education • Arts Education (music, theatre arts, visual arts) • Other academic subject area (e.g. Mathematics, Science, Social Studies or English)
		UCPS Graduation Requirement=28 Credits (Graduation requirement is calculated by subtracting four from the maximum potential for a student 32-4=28).