

Plano ISD Graduation Plans

2015 9-12 Parent and Student Information

Objectives

- Review updated state testing requirements
- Overview of graduation plans to help students and parents be informed for academic planning

State Testing – End of Course Exams

- Algebra 1
- Biology
- English 1
- English 2
- US History

Review of Recommended and Distinguished Achievement Plans

Recommended Graduation Plan:

- 4 credits English 1,2,3,4
- 4 credits MUST INCLUDE Algebra 1, Geometry, Algebra 2, and a 4th year of Math Or Algebra 1, Geometry, Math Models, Algebra 2
- 4 credits: MUST INCLUDE Biology, Chemistry, and Physics and a 4th year of Science **, or Biology, IPC, and Chemistry and Physics (IPC must be taken before Chemistry and Physics)
- 4 credits World Geography, World History, US History, US Government, Economics
- 1.0 credit Art, Music, Theater, Dance, Principles and Elements of Floral Design – 1 credit of the same course
- 0.5 credit Communication Applications
- 0.5 credit Health or 1.0 credit of Principles of Health Science
- 2.0 credits Foreign language must be 2 credits of the same language
- 1.0 credit Physical Education
- 5.0 credits Electives

- 26 total credits

Distinguished Achievement Plan

Recommended Plan Including:

- Biology, Chemistry, and Physics (completed by end of 11th grade) **and** a 4th year Science
Note: IPC cannot count for this program
- 3.0 credits Foreign language must be 3 credits of the same language
- 4.0 credits Electives
- Must include 4 advanced measures

Please note – if a student chooses to remain on the current plan, all rules and regulations will apply.

Foundation / Endorsement Plan Requirements

Prerequisites

- ❖ All prerequisites must be met before taking a course.

English Language Arts – 4 credits

- English 1
- English 2
- English 3
- English 4 or choice

Math – 4 credits

- Algebra 1
- Geometry
- 3rd year choice
- 4th year choice

Social Studies – 4 credits

- World Geography
- World History
- US History
- Government/Economics

Science – 4 credits

- Biology
- Choice – IPC or Chemistry
- 3rd year choice
- 4th year choice

Course Options for 4th year of English

- English 4
 - Oral Interpretation 3
 - Debate 3
 - Advanced Newspaper 3
 - Advanced Year Book 3
 - AP English Literature and Composition
 - IB Language Studies A1 HL
 - Communication –5 credit – AVID 1, Oral Interpretation 1, Debate 1, Professional Communication. If taken after English 3 – a ½ semester course which must be combined with another ½ semester course
 - Literary Genres – if taken after English 3
 - Creative Writing – if taken after English 3
- ❖ Other options, such as Research and Technical Writing or Business English, may be available in the future.

Course options for 3rd Year of Math

- Math Models (must be taken prior to Algebra 2)
- Algebra 2

Algebra 2 is a prerequisite for the following courses:

- Precalculus
- Advanced Quantitative Reasoning
- AP Statistics
- AP Calculus AB
- AP Calculus BC
- AP Computer Science
- Math Independent Study
- IB Mathematics SL
- IB Mathematics HL
- IB Further Mathematics HL

Course Options for 4th Year of Math

- Algebra 2

Algebra 2 is a prerequisite for the following courses:

- Precalculus
- Advanced Quantitative Reasoning
- AP Statistics
- AP Calculus AB
- AP Calculus BC
- AP Computer Science
- Math Independent Study
- IB Mathematics SL
- IB Mathematics HL
- IB Further Mathematics HL

Course Options for 3rd year of Science

- Chemistry
 - Physics
 - Earth and Space Science
 - Environmental Systems
 - AP or IB Biology
 - AP or IB Chemistry
 - AP Physics 1-2
 - AP Physics C
 - IB Physics
 - AP Environmental Science
 - IB Environmental Systems
 - Anatomy and Physiology
 - Food Science
 - Forensic Science
 - Scientific Research and Design
 - Engineering Design and Problem Solving
 - Principles of Engineering
- ❖ Other options may be available in the future

Course Options for 4th Year of Science

- Chemistry
 - Physics
 - Earth and Space Science
 - Environmental Systems
 - AP or IB Biology
 - AP or IB Chemistry
 - AP Physics 1-2
 - AP Physics C
 - IB Physics
 - AP Environmental Science
 - IB Environmental Systems
 - Anatomy and Physiology
 - Food Science
 - Forensic Science
 - Scientific Research and Design
 - Engineering Design and Problem Solving
 - Principles of Engineering
- ❖ Other options may be available in the future

Foundation/Endorsement Requirements continued

- Health – ½ credit
- Foreign Language – 2 credits
- Fine Arts – 1 credit
- Physical Education – 1 credit
- Communication - .5 credit – AVID 1, Oral Interpretation 1, Debate 1, Professional Communication
- Elective/Endorsement Choices – 5 credits

- Total Credits Needed to Graduate – 26
 - ❖ Students are enrolled in 7 periods per school day and have the opportunity to earn 28 credits in the 9th through 12th grades.
 - ❖ Distinguished Level of Achievement – Foundation/Endorsement Plan including Algebra 2. Students are eligible for top 10% automatic admission to state universities.

Fine Arts

- Art
- Dance
- Music
- Theater
- Principles and Elements of Floral Design

Endorsements

- STEM
 - Career and Technical Education, Computer Science, Math, Science, Combination
- Business and Industry
 - Career and Technical Education, English, Technology Applications, Combination
- Public Services
 - Coherent Sequence of Career and Technology Education or Junior ROTC
- Arts and Humanities
 - Social Studies, Language Other Than English, Fine Arts, Dance, Theater, Music, English
- Multidisciplinary Studies
 - Workforce, Foundation Subjects, Advanced Placement or International Baccalaureate