

The IB Diploma program requires students to take courses and be assessed in 6 subject groups: 4 academics, 1 foreign language, and 1 chosen subject.

- Students are assessed in 3 subjects at the Higher Level (HL) and 3 at Standard Level (SL). Both SL and HL are college level; HL demands additional in-depth study and students should choose HL courses in areas about which they are most passionate.
- We will begin planning with students in 9th grade to plan for choice of their HL and SL subjects in 11th and 12th grades.
- Please note math progression for eligibility to take certain HL sciences:
 - Seniors taking Math Studies (SL) will be eligible for Biology or Chemistry (SL) or Physics (SL).
 - Only seniors taking Mathematics (HL) will be eligible for Physics (HL).

Paxon SAS IB Student Progression Plan for 2009 - 2010

Ninth Grade

- English I Honors PIB
- AP World History PIB
- Geometry Honors PIB or Algebra II Honors
- Biology I Honors PIB
- Foreign Language I PIB
- Elective (or the second math)
- Elective

Tenth Grade

- English II Honors PIB
- AP European History
- Algebra II Honors or IB Pre-Calculus
- Chemistry I Honors PIB
- Foreign Language II PIB
- Pre requisite for 6th subject - Theatre, Music, Visual Arts). If no pre-requisite exists, they may take an elective (Geography, Psychology, Environmental Systems do not have a pre-requisite).
- Elective - (Physics highly recommended)

Eleventh Grade

- IB English III
- IB Foreign Language III
- AP United States History
- IB Pre-Calculus or AP Calculus AB
- IB Chemistry II or Science Lab (for students who doubled up in science in 10th grade and are taking an additional science as their 6th subject)
- Sixth Subject - (exam at SL)
- Theory of Knowledge and IB Research (one semester each)

Twelfth Grade

- IB English IV
- Foreign Language
- IB Contemporary History
- IB Biology, IB Chemistry, or IB Physics
- IB Math Analysis (Studies), IB Math SL (No - if student has taken Calculus AB), or Math HL (prerequisite AP Calculus AB)
- Sixth Subject HL or SL, Elective if passed Sixth Subject SL exam in Jr. year
- Science Lab
- Theory of Knowledge (During lunch or after school)



4-Year Course Progression

PAXON SAS International Baccalaureate Programme

Paxon SAS IB Student Progression Plan for 2010 - 2011

Ninth Grade

- English I Honors PIB
- AP World History PIB
- Geometry Honors PIB or Algebra II Honors
- Biology I Honors PIB
- Foreign Language I PIB
- Elective
- Elective - (or the second math)

Tenth Grade

- English II Honors PIB
- AP European History
- Algebra II Honors or IB Pre-Calculus
- Chemistry I Honors PIB
- Foreign Language II PIB
- Pre requisite for 6th subject - Theatre, Music, Visual Arts). If no pre-requisite exists, they may take an elective (Geography, Psychology, Environmental Systems do not have a pre-requisite).
- Elective - (Physics highly recommended)

Eleventh Grade

- IB English III
- IB Foreign Language III
- AP United States History
- IB Pre-Calculus or AP Calculus AB
- IB Chemistry II or Science Lab (for students who doubled up in science in 10th grade and are taking an additional science as their 6th subject)
- Sixth Subject - (exam at SL)
- Theory of Knowledge and IB Research (one semester each)

Twelfth Grade

- IB English IV
- Foreign Language
- IB Contemporary History
- IB Biology, IB Chemistry, or IB Physics
- IB Math Analysis (Studies), IB Math SL (no - if student has taken Calculus AB), or Math HL (prerequisite AP Calculus AB)
- Sixth Subject HL or SL, Elective if passed Sixth Subject SL exam in Jr. year
- Science Lab
- Theory of Knowledge (During lunch or after school)

Paxon SAS IB Student Progression Plan for 2011 - 2012

Ninth Grade

- English I Honors PIB
- AP World History PIB
- Geometry Honors PIB or Algebra II Honors
- Biology I Honors PIB
- Foreign Language I PIB
- Elective
- Elective (or the second math)

Tenth Grade

- English II Honors PIB
- AP European History
- Algebra II Honors or IB Pre-Calculus
- Chemistry I Honors PIB
- Foreign Language II PIB
- Pre requisite for 6th subject - Theatre, Music, Visual Arts). If no pre-requisite exists, they may take an elective (Geography, Psychology, Environmental Systems do not have a pre-requisite).
- Elective (Physics highly recommended)

Eleventh Grade

- IB English III
- IB Foreign Language III
- AP United States History
- Pre-Calculus or AP Calculus AB
- IB Chemistry, Physics, or Biology (includes lab; covers first half of the curriculum)
- Sixth Subject - (may exam at SL)
- Theory of Knowledge and IB Research (one semester each)

Twelfth Grade

- IB English IV
- Foreign Language
- IB Contemporary History
- IB Biology, IB Chemistry, or IB Physics (includes lab; covers second half of the curriculum)
- IB Math Analysis (Studies), IB Math SL (no - if student has taken Calculus AB), or Math HL (prerequisite AP Calculus AB)
- Sixth Subject HL or SL, Elective if passed Sixth Subject SL exam in Jr. year
- Theory of Knowledge and elective (one semester each)