

Hinkley Academy of Health Sciences & Technology Pathway: Fall 2009

	9th	9th	10th	10th	11th	11th	12th	12th
1	A) Honors/MYP English 9		A) Honors/MYP English 10		A) Honors English 11 B) AP Lang & Comp C) Other AP classes as offered		A) AP Literature & Comp B) Essay and Research & Humanities	
2	A) Honors/MYP Wrld. Lang		A) Honors/MYP Wrld. Lang		A) Honors Wrld. Lang		A) Honors Wrld. Lang	
3	A) Honors/MYP Geo & Civics		A) Honors/MYP US History		A) AP World History B) Other AP classes as offered C) IB Human Rights SL		A) AP European History B) Other AP classes as offered C) IB Human Rights SL	
4	A) Honors/MYP Biology*		A) Honors/MYP Chemistry		A) IB Biology HL 1 B) IB Physics HL 1 C) Physics D) AP Chemistry		A) IB Biology HL2/IB Physics HL2 B) CCA Biology C) AP Physics/other AP classes as offered D) IB Chemistry SL	
5	A) Honors/MYP Int. AIGeo 1**** B) Honors/MYP Integrated AIGeo 2 C) Honors/MYP Integrated AIGeo 3		A) Honors/MYP Integrated AIGeo 2 B) Honors/MYP Integrated AIGeo 3 C) Honors/MYP TrigPreCalc		A) Int AIGeoTrig 3 B) Int AIGeo Trig 4 C) AP Statistics D) AP Calculus E) Trig/Pre Calc		A) Integr. AIGeoPreCalc 4 B) AP Calculus C) AP Statistics D) HL Beyond Calculus	
6	A) PE** or Computer Science	B) PE* or Computer Science	A) Fine Arts		A) Anatomy and Physiology (elective) B) Medical Terminology (online-- CCA, dual credit)****		<i>Project "Lead the Way" Biomedical Strand</i>	
7	<i>Project "Lead the Way" Biomedical Strand</i>		<i>Project "Lead the Way" Biomedical Strand</i>		<i>Project "Lead the Way" Biomedical Strand</i>		<i>Project "Lead the Way" Biomedical Strand</i>	
8	A) LIGHTS Tutorial***		A) LIGHTS Tutorial***		A) PE**	A) LIGHTS Tutorial***	A) LIGHTS Tutorial***	A) PE**
Required	World Lang. - 4 Years	English - 4 Years	Science 4 years	Fine Arts - 2 sem PLTW - 4 years	Social Studies - 4 years	Math - 4 years	PE 1.5 credits (APS graduation requirement)	Health 0.5 credits-- offered online (ED2020)*****

Saturday Academy (10 weeks, 30 students across all APS Aurora LIGHTS high schools, admission via application)

Summer Institute (6 weeks, 40 students across all APS Aurora LIGHTS high schools, admission via application)

Summer Institute (6 weeks, 40 students across all APS Aurora LIGHTS high schools, admission via application)

Comments

*Students must pass Astronomy & Earth Sciences modules of the online Physical Science curriculum (ED2020) as a pre-requisite for placement in Biology, 9th grade.

**LIGHTS students need 3 semesters of P.E in order to complement and balance the rigorous academic requirements of the program.

*** LIGHTS Tutorial: in-class format in grades 9 & 10. In 11 & 12, tutorial will be offered in-class 2nd/1st semester, otherwise on an as needed basis (monitoring of ALL LIGHTS students is required).

****Online classes: 1. Health, requ. elective (ED2020-HHS), 2. Prerequ. for Biology: Physical Science modules "Astronomy & Earth Science" (ED2020-HHS), 3. Med Terminology, optional elective (online--CCA, dual credit).

*****Students will take a summer class (AIGeo II) in order to be ready for AIGeoIII or another high level math class during their Sophomore year.

IB Hinkley Academy of Health Sciences & Technology Pathway: Fall 2009

	9th		10th		11th		12th	
1	A) Honors/MYP English 9		A) Honors/MYP English 10		A) IB English 11 HL 1		A) IB English 12 HL 2	
2	A) Honors/MYP Wrld. Lang		A) Honors/MYP Wrld. Lang		A) IB World Lang SL		A) IB World Lang SL	
3	A) Honors/MYP Geo & Civics		A) Honors/MYP US History		A) IB World History HL 1		A) IB World History HL 2	
4	A) Honors/MYP Biology*		A) Honors/MYP Chemistry		A) IB Biology SL B) IB Biology HL 1 C) IB Physics HL 1 D) IB Chemistry SL		A) IB Biology SL B) IB Biology HL 2 C) IB Physics HL 2 D) IB Chemistry SL	
5	A) Honors/MYP Int AIGeo 1***** B) Honors/MYP Integrated AIGeo 2 C) Honors/MYP Integrated AIGeo 3		A) Honors/MYP Integrated AIGeo 2 B) Honors/MYP Integrated AIGeo 3 C) Honors/MYP TrigPreCalc		A) Integrated AIGeo/Trig 3 B) IB Trig/Pe-Calc C) IB Math/Calculus SL D) IB Math/Calculus HL 1		A) Integrated AIGeoPreCalc 4 B) IB Math/Calculus SL C) IB Math/Calculus HL 2	
6	A) PE** or Computer Science	B) PE or Computer Science	A) Fine Arts		A) PE**	A) Theory of Knowledge 1		A) Theory of Knowledge 2
7	Project "Lead the Way" Biomedical Strand		Project "Lead the Way" Biomedical Strand		Project "Lead the Way" Biomedical Strand		Project "Lead the Way" Biomedical Strand	
8	A) LIGHTS tutorial***		A) LIGHTS tutorial***		****A) IB Art HL 1/IB Theatre HL 1 B) IB Psychology SL/IB Human Rights SL C) IB Chemistry SL/IB Biology SL		Project "Lead the Way" Biomedical Strand	
Required	World Lang. - 4 Years	English - 4 Years	Science 4 years	Health Sciences - 4 years; PLTW - 4 years	Social Studies - 4 years	Math - 4 years	PE 1.5 credits (APS graduation requirement)	Health 0.5 credits-- offered online (ED2020)*****

Saturday Academy (10 weeks, 30 students: all APS Aurora LIGHTS high schools, admission via application process)

Summer Institute (6 weeks, 40 students: all APS Aurora LIGHTS high schools, admission via application process)

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Comments

*LIGHTS students must pass Astronomy & Earth Sciences modules of the online Physical Science curriculum (ED2020) as a pre-requisite for placement in Biology, 9th grade.

**LIGHTS students need 3 semesters of P.E in order to complement and balance the rigorous academic requirements of the program.

*** LIGHTS Tutorial: in-class format during grades 9 & 10. IB students: in 11th & 12th, LIGHTS tutorial will be offered as needed (ongoing monitoring of ALL LIGHTS students is required).

****Choice of 6th subject/exam (required) for IB LIGHTS students.

*****Online classes: 1. Health, required elective (ED2020-HHS), 2. Prerequisite for Biology: Physical Science modules "Astronomy & Earth Science" (ED2020-HHS), 3. Med Terminology, optional elective (online--CCA, dual credit).

*****Students will take a summer class (AIGeo II) in order to be ready for AIGeoIII or another high level math class during their Sophomore year.