

4-Year Matrix
Course Sequences that lead to
IB Diploma
Class of 2021

IB Subject	9 th	10 th	11 th	12 th
Class of 2021	Middle Years Certificate (Choose Honors courses for DP/CP)		IB Diploma/ IBCP Course choices	
English	Honors Eng 9 Pre-Honors Eng 9	Honors World Lit World Lit	IB Literature I OR IB Language & Literature I	IB Literature II OR IB Language & Literature II
Language B (Honors & IB)	French I, II, III Spanish I, II, III	French II, III, AP Spanish II, III, AP	IB French III, SL IB Spanish III, SL	French SL, HL, AP Spanish SL, HL, AP
Social Studies	Honors Economics & Honors Citizenship	AP World History	IB History (Amer) I	IB History (Amer) II
Science	9 th Physics OR Physical Science OR Environmental Sci	Honors Biology & Honors Chemistry OR Biology only -> OR Biology	IB Biology I IB Chemistry I IB Physics I OR 4x4 Chem + IB Environmental OR 4x4 Chem + IB Environmental	IB Biology II IB Chemistry II IB Physics II OR IB Environmental II OR IB Environmental II w/Physics
Math	Algebra I Accel Alg/Geom Accel Geom/AA	Geometry Accel Geom/AA IB Math SL	Advanced Algebra IB Math SL (PreCal) AP Calculus AB AP Calculus BC	IB Math Studies AP Calc AB AP Calc BC IB Math HL
Arts/ IB 6th Subject	Drama I, II Band/Choir Intro Visual Arts Dance	Drama III Band/Choir Vis Arts Dance	IB Theatre I AP MusThry+Band/Choir IB Film I IB Psychology I	IB Theatre II IB Music+Band/Choir IB Film II IB Psychology II
Technology or Career Pathway	Tech elective Pathway	Tech elective Pathway	IBCP Career Pathway	IBCP Career Pathway
IB Requirement	Personal Project	Personal Project (<i>completion</i>)	TOK (DP) or Pers & Prof Skills (CP) (<i>Spring only</i>)	TOK (DP) or Pers & Prof Skills (CP) (<i>Fall only</i>)
PE & Health	PE & Health (1 sem each) required for graduation (waived for 4 years of JROTC or Marching Band)			

IB Diploma 6th Subject Elective Choices

IB 6 th Subject	9 th	10 th	11 th	12 th
IB Film	AVTF I	AVTF I or II	IB Film I	IB Film II
IB Psychology			IB Psychology I	IB Psychology II
2 nd Science			IB Biology I IB Chemistry I IB Environ Syst I IB Physics I	IB Biology II IB Chemistry II IB Environ Sys II IB Physics II
3 rd Language	Language I	Language II	Language III	Language IV
IB Theatre	PDP Drama Fund PDP Adv Drama <i>(1 semester each)</i>	Drama Tech <i>(1 semester)</i>	IB Theatre I	IB Theatre II
IB Music	Band or Choir	Band or Choir	AP Music Theory + Performance Class	IB World Music + Performance Class

IBCP Career Pathways

Pathway	Year 1 Grade 9 or 10	Year 2 Grade 10 or 11	Year 3 Grade 11 or 12	Year 4 as needed
Culinary Arts	Intro to Culinary Arts	Culinary Arts I	Culinary Arts II	Culinary Internship
Early Child Education	Early Childhood Ed I	Early Childhood Ed II	Early Childhood Ed III	ECE Internship
Graphic Design or Graphic Communications	Intro to Graphics & Design	Graphic Design & Production	Advanced Graphic Design or Graphic Output Processes	Graphics Internship
Programming	Intro to Digital Tech	Computer Science Principles	Programming, Apps, Games & Society	Programming Internship
Game Design	Intro to Digital Tech	Computer Science Principles	Animation & Simulation	Game Design Internship
AFJROTC	AFJROTC 1	AFROTC 2	AFROTC 3	AFROTC 4
Pre-Engineering	Pre-Engineering I	Pre-Engineering II	Pre-Engineering III	Pre-Engineering Internship
Pre- Architecture	Pre-Architecture 1	Pre-Architect II	Pre-Architecture III	Pre- Architect Internship
Business Accounting	Intro to Business & Technology	Financial Literacy	Accounting	Accounting Internship
Digital (Web) Design	Intro to Digital Tech	Digital Design	Web Design	Animation & 3D Graphics