

Middle School Curriculum Design

Grade	Course	Periods	Planed Classes	Class Hours	Planed Teacher
M1	Prealgebra	6 periods	1	6	刘丹
	Science I Physics	2 periods	1	2	Abdul
	Science I Chemistry	2 periods	1	2	Sharoon
	Science I Biology	2 periods	1	2	Sharoon
	Information Technology	2 periods	1	2	Yannie
	HASS	4 periods			
	ESL	10 periods			
	P.E.	4 periods			
	Chinese	5 periods			
	Art	1 period			
	Music	1 period			
M2	Algebra I + Geometry	3+3 periods	2	12	刘丹
	Science II Physics	2 periods	2	4	Abdul
	Science II Chemistry	2 periods	2	4	Willin
	Science II Biology	2 periods	2	4	Sharoon
	Information Technology	2 periods	2	4	Yannie
	HASS	4 periods			
	ESL	10 periods			
	P.E.	4 periods			
	Chinese	5 periods			
	Art	1 period			
	Music	1 period			
M3	Algebra I + Geometry	3+3 periods	2	12	Sarah
	Science III Physics	2 periods	2	4	Sophie
	Science III Chemistry	2 periods	2	4	Yasin
	Science III Biology	2 periods	2	4	Brandee
	Information Technology	2 periods	2	4	Yannie
	HASS	4 periods			
	ESL	10 periods			
	P.E.	4 periods			
	Chinese	5 periods			
	Art	1 period			
	Music	1 period			

初中合计	数学+AMC 8	34	两个老师	刘丹+新老师
	化学	10		
	生物	10	和IG及H1共用老师	
	物理	10		

H1 Curriculum Design

Grade	Course	Periods	Planned Classes	Class Hours	Planned Teacher
Algebra II		6 periods	AP*4+LAP*3 (maybe可以分层教学, 不按行政班, 改为 1+2+1)	42	Lanci (慢), Matt (快), Cameron (正常) + LAP 新老教师
Science IV Physics		4 periods	5	20	Albert
Science IV Chemistry		2.5 periods	5	12.5	Willin
Science IV Biology		2.5 periods	5	12.5	Kevin
Information Technology	要不要改成Intro to CS?	2 periods	5	10	Yannie
Intro to Economy		3 periods			
English foundation I	Placement test	4 periods			
English foundation II		4 periods			
Intro to western literature		4 periods			
Intro to western literature (honors)		4 periods			
Chinese Culture		1 period			
Chinese As a Second Language	First language is not Chinese				
HASS		4 periods			
Intro to Art		1 period			
Intro to Music		1 period			
ELD&TOEFL		6 periods			
P.E.		3 periods			

H1的科学三个科目的时间均衡性一直有一点问题, 因为物理H2阶段就会涉及到AP 物理1这个科目, 所以之前的出发点是把物理基础打牢, 所以物理每周有四个课时。但是生物和化学同样是IG的教材, 一周只有两节课, 所以往年的情况都是一本书只能上一半。高中化学和初中化学难度相比有一个陡增, 但是考虑到H1在国内是初三, 很多新生完全没有学过化学, 所以化学和生物也不能过于难, 所以和老师们讨论了一个方案:

science这门课现在是八课时 (4+2+2), 希望可以增加一个课时到9课时, 物理保持四课时不变 (给AP 物理打基础, 物理topic全覆盖), 化学和生物共同增加一个课时 (单双周交替上课), 增加的课时和其中一节常规课排在一起, 可以形成一个连堂, 也方便做实验。

H2 Curriculum Design and Criteria				
Courses	Previous Learning Background	Entrance Requirement		Periods
		Subject background	English Requirement	
AP Calculus BC	Public School	人教版高一数学期末测试达到80分以上	/	5 periods
	Other international School	Participate in the final exam of Pre calculus Semester 1 80+ or AP Pre-calculus 5		
	SIA	The final score of pre calculus two semesters 85+ (average) or AP Pre-calculus 5		
AP Calculus AB	Public School	人教版高一数学期末测试达到70分以上	/	5 periods
	Other international School	Participate in the final exam of Pre calculus Semester 1 70+ or AP Pre-calculus 4		
	SIA	The final score of pre calculus two semesters 75+ (average) or AP Pre-calculus 4		
AP Precalculus	Public School	完成公立学校初三课程, 成绩70+	/	5 periods
	Other international School	The final score of Algebra II two semesters 70+		
	SIA	The final score of Algebra II two semesters 70+		
Precalculus	Public School	完成公立学校初三课程, 成绩60+	/	5 periods
	Other international School	Pass Algebra II		
	SIA	Pass algebra II		
AP Statistics	Public School	完成公立学校初三课程	ELD SAT Level or 雅思阅读 (最低6.5, 建议7) 或托福阅读 (最低22, 建议25)	5 periods
	Other international School	Algebra 2 final average 80+ or precalculus final average 70+		
	SIA	Algebra 2 final average 80+ or precalculus final average 70+		
Algebra II	/	/	/	5 periods
AP Physics 1	Public School	中考数学和物理85%以上 or pass the placement test	ELD Top TOEFL Level or TOEFL Reading 18+ or IELTS Reading 5.5+	5 periods
	Other international School	algebra 2 期末考试80以上 & Intro to Physics or Science Physics 90+		
	SIA	(intermediate physics 期末考试85+ or Physics honor 期末考试75+) & algebra 2 期末考试80以上 H1 Science Physics final 85+		
Physics Honor	Public School	高一数学和物理 80%或 中考物理和数学85+ or pass in placement test	ELD Level 2	5 periods
	Other international School	Intro to Physics or Science Physics 80+		
	SIA	Pass algebra 2 & 80 in H1 Science (Physics)		
Intermediate Physics	Public School	高一数学和物理 70%或 中考物理和数学 75+ or pass in placement test	/	4 periods
	Other international School	Pass algebra II & Intro to Physics or Science Physics 70+		
	SIA	Pass algebra 2 & 70 in H1 Science (Physics)		
Intro to Physics	/	/	/	4 periods
Chemistry Honors	Public School	中考成绩化学85%	ELD Top TOEFL Level or TOEFL Reading 18+ or IELTS Reading 5.5+	5 periods
	Other international School	Science Chemistry 85+ or Intro to Chemistry 85+ or Intermediate Chemistry 70+		
	SIA	Science Chemistry 85+ or Intro to Chemistry 85+ or Intermediate Chemistry 70+		
Intermediate Chemistry	Public School	中考成绩化学85%	ELD Level 2	4 periods
	Other international School	Science Chemistry 70+ or Intro to Chemistry 70+		
	SIA	Science Chemistry 70+		
Biology Honors	Public School	Chinese Grade 8 Science >80	TOEFL >75 or ELD Top TOEFL Level	5 periods
	Other international School	Grade 10 or higher Entry: Grade of A- or higher in Earth and Space Science B+ in Chemistry and B in Chemistry Honors		
	SIA	IGCSE Stages 7-9 >70 Introduction to Biology >80		
Intro to Biology	/	/	/	4 periods
AP Computer Science	Public School	PROGRAMMING ABILITY The students must meet one of the following: ①80+ raw mark of final exam in H1 grade IT course ②more than 3 months of previous course or training about JAVA language ③finished an independent project using other programming language ④score more than 80% in both Math and Physics subjects in public high school grade 1 (高一) or grade 2 (高二) ⑤score more than 85% in Math subject in public high school grade 1 (高一) or grade 2 (高二)	ENGLISH LEVEL. The students must meet at least one of the following: ①TOFEL overall 80 ②TOFEL reading 23 ③IELTS overall 6 ④IELTS reading 6.5 ⑤a reward from public school English contest in any form (英语竞赛奖项) ⑥a programming project with comments in English only ⑦score more than 80% in University Entrance exam English subject(高考英语) ⑧score more than 85% in public school final exam	5 periods
	Other international School	PROGRAMMING ABILITY The students must meet one of the following: ①80+ raw mark of final exam in H1 grade IT course ②more than 3 month of previous course or training about JAVA language ③finished a independent project using other programming language	ENGLISH LEVEL. The students must meet one of the following: ①TOFEL overall 80 ②TOFEL reading 23 ③IELTS overall 6 ④IELTS reading 6.5 ⑤ELD Top TOEFL Level	
	SIA	PROGRAMMING ABILITY The students must meet one of the following: ①80+ raw mark of final exam in H1 grade IT course ②more than 3 month of previous course or training about JAVA language ③finished a independent project using other programming language		
Computer Science	/	/	/	4 periods
AP Environmental Science	Public School		ELD SAT Level or 雅思阅读 (最低6.5, 建议7) 或托福阅读 (最低22, 建议25)	
	Other international School			
	SIA			
Earth Science Foundation II	/	/	/	4 periods
Intro to Western Literature	SIA	Foundation 2 (GPA 60+) or Foundation 1 (GPA 85+)	TOEFL 70 / IELTS 6.0	4 periods
	International school		No TOEFL 70/ IELTS 6.0	
		Placement test	TOEFL 70 / IELTS 6.0	
Intro to Western Literature (honors)	Public School	Placement test	No TOEFL 70/ IELTS 6.0	4 periods
	SIA	Foundation 2 (GPA 70+) or Foundation 1 (GPA 90+)	TOEFL 70/ IELTS 6.0	
	International school	Placement test	TOEFL 70/ IELTS 6.0	
American Literature	Public School	Placement test	No TOEFL 70/ IELTS 6.0	4 periods
	SIA	Intro to west lit (GPA 70+) Or Intro to west lit (Honor :GPA 60+)	TOEFL 75/ IELTS 6.0	
	International school	West lit GPA 80 or honor 70+	No 75/ IELTS 6.0	
British Literature	Public School	Placement test	TOEFL 75/ IELTS 6.0	4 periods
	SIA	Placement test	No TOEFL 75/ IELTS 6.0	
	International school	Placement test	TOEFL 85/ IELTS 6.5	
Intro to Economics	Public school	Placement test	No TOEFL 85/ IELTS 6.5	4 periods
	SIA / other schools		TOEFL 85/ IELTS 6.5	
	International school		TOEFL 75/ IELTS 6.0	
AP Microeconomics	SIA / other schools		TOEFL 85/ IELTS 6.5	6 periods +
AP Psychology	SIA / other schools		TOEFL 95/ IELTS 7.0	5 periods
US History	SIA / other schools		TOEFL 75/ IELTS 6.0	4 periods
World History	SIA / other schools		TOEFL 75/ IELTS 6.0	4 periods
AP World History	SIA / other schools	HASS 85+	TOEFL 100/ IELTS 7.5	6 Periods
Chinese	Chinese Literature I			2 periods
	Chinese As A Second Language Advanced I		First language is not Chinese	2 periods
Photography		Have a digital camera and laptop		2 periods
Digital Fine Art		Have a drawing tablet and portfolio		2 periods
Choir		Must pass an audition and be able to read music notation		4 periods
Orchestra		Must have 2 years prior experience with an instrument and be able to read music notation		4 periods
AP Music Theory		Able to read and write Western music notation and have good knowledge of music theory		5 periods
TOEFL/SAT			TOEFL < 85 — ELD TOEFL TOEFL >= 85 — ELD SAT	8 periods
Physical Education				2 periods
Chinese Literature I/II/III				2 periods
Chinese As A Second Language Advanced I/II/III			First language is not Chinese	
Japanese				4 periods
Spanish				
Korean				
Business Foundation	/	/		4 periods

H3 Curriculum Design and Criteria

H3 Curriculum Design and Criteria				
Courses	Previous Learning Background	Entrance Requirement	English Requirement	Periods
AP Calculus BC	Public School	Subject background 人教版高一数学期末测试达到80分以上	/	5 periods
	Other international School	Participate in the final exam of Pre calculus Semester 1 80+ or AP Pre-calculus 5		
	SIA	The final score of pre calculus two semesters 85+ (average) or AP Pre-calculus 5		
AP Calculus AB	Public School	人教版高一数学期末测试达到70分以上	/	5 periods
	Other international School	Participate in the final exam of Pre calculus Semester 1 70+ or AP Pre-calculus 4		
	SIA	The final score of pre calculus two semesters 75+ (average) or AP Pre-calculus 4		
Statistics and Probability	Public School	完成公立学校高一课程	/	4 periods
	Other international School	Finish Precalculus or Algebra 2		
	SIA	Finish Precalculus or Algebra 2		
Precalculus	Public School	完成公立学校初三课程，成绩60+	/	5 periods
	Other international School	Pass Algebra II		
	SIA	Pass algebra II		
AP Precalculus	Public School	完成公立学校初三课程，成绩60+	/	5 periods
	Other international School	Pass Algebra 2		
	SIA	Pass Algebra 2		
AP Statistics	Public School	完成公立学校初三课程	ELD SAT Level or 雅思阅读（最低6.5，建议7） or 托福阅读（最低22，建议25）	5 periods
	Other international School	Algebra 2 final average 80+ or precalculus final average 70+		
	SIA	Algebra 2 final average 80+ or precalculus final average 70+		
AP Physics C EM	Public School	高一数学和物理 80% or pass placement test	ELD Top TOEFL Level or TOEFL Reading 20+ or IELTS Reading 6+	5 periods
	Other international School	((AP Physics 1; 3分或对应课程80分以上) & (AP Pre-calculus 4分或对应课程80分以上, 且同时正在学习微积分课程)) or pass placement test		
	SIA	(AP Physics 1 AP Physics 1 达到3分 or Intermediate Physics 期末考试 85分以上 or Physics Honor 期末考试80分以上) & AP Precalculus 4分或期末考试80分以上 & 正在学习Calculus		
AP Physics C M	Public School	高一数学和物理 80% or pass placement test	ELD Top TOEFL Level or TOEFL Reading 20+ or IELTS Reading 6+	5 periods
	Other international School	((AP Physics 1; 3分或对应课程80分以上) & (AP Pre-calculus 4分或对应课程80分以上, 且同时正在学习微积分课程)) or pass placement test		
	SIA	(AP Physics 1 AP Physics 1 达到3分 or Intermediate Physics 期末考试 85分以上 or Physics Honor 期末考试80分以上) & AP Precalculus 4分或期末考试80分以上 & 正在学习Calculus		
AP Physics 1	Public School	中考数学和物理85%以上 or pass the placement test	ELD Top TOEFL Level or TOEFL Reading 18+ or IELTS Reading 5.5+	5 periods
	Other international School	algebra 2 期末考试80以上 & Intro to Physics or Science Physics 90+		
	SIA	(intermediate physics 期末考试85+ or Physics honor 期末考试 75+) & algebra 2 期末考试80以上 H1 Science Physics final 85+		
Physics Honor	Public School	高一数学和物理 80% or 中考物理和数学85+ or pass in placement test	ELD Level 2	5 periods
	Other international School	Intro to Physics or Science Physics 80+		
	SIA	Pass algebra 2 & 80 in H1 Science (Physics)		
Intermediate Physics	Public School	高一数学和物理 70% or 中考物理和数学 75+ or pass in placement test	/	4 periods
	Other international School	Pass algebra II & Intro to Physics or Science Physics 70+		
	SIA	Pass algebra 2 & 70 in H1 Science (Physics) OR Pass Intro to Physics		
Intro to Physics	无	无	无	4 periods
AP Chemistry	Public School	高一化学80+	ELD Top TOEFL Level or TOEFL Reading 20+ or IELTS Reading 6+	5 periods
	Other international School	Chemistry Honors 70 + or Intermediate Chemistry 80+		
	SIA	Chemistry Honors 70 + or Intermediate Chemistry 80+		
Chemistry Honors	Public School	中考成绩化学85%	ELD Top TOEFL Level or TOEFL Reading 18+ or IELTS Reading 5.5+	5 periods
	Other international School	Science Chemistry 85+ or Intro to Chemistry 85+ or Intermediate Chemistry 70+		
	SIA	Science Chemistry 85+ or Intro to Chemistry 85+ or Intermediate Chemistry 70+		
Intermediate Chemistry	Public School	中考成绩化学65%	ELD Level 2	4 periods
	Other international School	Science Chemistry 70+ or Intro to Chemistry 70+		
	SIA	Science Chemistry 70+		
AP Biology	Public School	Enrollment of a student with no previous experience in the British or American biology curriculum is not recommended	TOEFL >85 or ELD SAT Level	5 periods
	Other international School	B+ or 80+ in Intermediate level of Biology and Chemistry before taking AP Biology		
	SIA	Score >86 in Intro to Biology or Honors Biology Or score >86 in SIA AP Biology Admission exam		
Biology Honors	Public School	Chinese Grade 8 Science >80	TOEFL >75 or ELD Top TOEFL Level	5 periods
	Other international School	Grade 10 or higher Entry: Grade of A- or higher in Earth and Space Science, B+ in Chemistry and B in Chemistry Honors		
	SIA	IGCSE Stages 7-9 >70 Introduction to Biology >80		
AP Environmental Science	Public School	国内高一化学70+	ELD SAT Level or 雅思阅读（最低6.5，建议7） or 托福阅读（最低22，建议25）	5 periods
	Other international School	Intro to Chemistry/IGCSE Chemistry 70+ or Intermediate Chemistry 60+		
	SIA	Intro to Chemistry 70+ or Intermediate Chemistry 60+		
Earth Science	/	/	/	4 periods
AP Computer Science	Public School	PROGRAMMING ABILITY The students must meet one of the following: ①80+ raw mark of final exam in H1 grade IT course ②more than 3 months of previous course or training about JAVA language ③finished an independent project using other programming language ④score more than 80% in both Math and Physics subjects in public high school grade 1 (高一) or grade 2 (高二) ⑤score more than 85% in Math subject in public high school grade 1 (高一) or grade 2 (高二)	ENGLISH LEVEL. The students must meet at least one of the following: ①TOFEL overall 80 ②TOFEL reading 23 ③IELTS overall 6 ④IELTS reading 6.5 ⑤a reward from public school English contest in any form（英语竞赛奖项） ⑥a programming project with comments in English only ⑦score more than 80% in University Entrance exam English subject(高考英语)	5 periods
	Other international School	PROGRAMMING ABILITY The students must meet one of the following: ①80+ raw mark of final exam in H1 grade IT course ②more than 3 month of previous course or training about JAVA language ③finished a independent project using other programming language	ENGLISH LEVEL. The students must meet one of the following: ①TOFEL overall 80 ②TOFEL reading 23 ③IELTS overall 6 ④IELTS reading 6.5 ⑤ELD Top TOEFL Level	
	SIA	PROGRAMMING ABILITY The students must meet one of the following: ①80+ raw mark of final exam in H1 grade IT course ②more than 3 month of previous course or training about JAVA language ③finished a independent project using other programming language		
Computer Science	/	/	/	4 periods
AP Macroeconomics	SIA / other schools	Or Intro to eco 85+	TOEFL 75	5 periods
AP Microeconomics	SIA / other schools	Or Intro to eco 85+	TOEFL 75	5 periods
Intro to Economics	SIA / other schools	/	/	4 periods
AP Economics	SIA / other schools	/	TOEFL 85	6+periods
Intro to Western Literature	SIA / other schools	Foundation 2 (60+)	/	4 periods
AP English Literature and Composition	SIA / other schools	Ap English Lang GPA 60+/AP Score 4+	TOEFL 105	5 periods
AP English Language and Composition	SIA / other schools	/	TOEFL 105/ IELTS 7.5	5 periods
American Literature	SIA	/	TOEFL 75/ IELTS 6.0	4 periods

		West lit GPA 80	No 75/IELT 6.0	
	International school	Placement test	TOEFL 75/IELTS 6.0	
		Placement test	No TOEFL 75/IELTS 6.0	
	Public school	Placement test	/	
British Literature	SIA	/	TOEFL 85/IELTS 6.5	4 periods
	International school	Intro to west lit 85+	No TOEFL 85 / IELTS 6.5	
		Placement test	TOEFL 85/IELTS 6.5	
	Public school	Placement test	No TOEFL 85/IELTS 6.5	
Contemporary English	SIA	/	TOEFL 85/IELTS 6.5	4 periods
	International school	Intro to west lit 85+	No TOEFL 85 / IELTS 6.5	
		Placement test	TOEFL 85/IELTS 6.5	
	Public school	Placement test	No TOEFL 85/IELTS 6.5	
AP US History	SIA / other schools	H1 history 85+ / US history 85+ / World history 85+	TOEFL 100/IELTS 7.5	5 periods
AP Art History	SIA / other schools	/	TOEFL 100 / IELTS 7.5	5 periods
US History	SIA / other schools	/	/	4 periods
World History	SIA / other schools	/	/	4 periods
AP Human Geography	SIA / other schools	Learned HASS/ World History / US History before	TOEFL 95 / IELTS 7.0	5 periods
Comparative Culture (AP Comparative Government and Politics)	SIA / other schools	TOEFL 95 / IELTS 7.0	Students chosen by teachers (Sebastian / Tom)	/
Chinese	Chinese Literature II			2 periods
	Chinese As A Second Language Advanced II		First language is not Chinese	2 periods
Photography		Have a digital camera and laptop		2 periods
Digital Fine Art		Have a drawing tablet and portfolio		2 periods
AP 2D Art and Design		Prepare portfolio and join ECA opening art studio		5 periods
Choir		Must pass an audition and be able to read music notation		4 periods
Orchestra		Must have 2 years prior experience with an instrument and be able to read music notation		4 periods
AP Music Theory		Able to read and write Western music notation and have good knowledge of music theory		5 periods
TOEFL/SAT			TOEFL < 85 — ELD TOEFL TOEFL ≥ 85 — ELD SAT	8 periods
Physical Education				2 periods
Chinese Literature I/II/III				2 periods
Chinese As A Second Language Advanced I/II/III			First language is not Chinese	
Japanese				4 periods
Spanish				
Korean				
AP Psychology	SIA / other schools	/	TOEFL 95/IELTS 7.0	5 periods
Business Foundation	/	/		4 periods
Entrepreneurship and Business Planning	/	/		4 periods

H4 Curriculum Design and Criteria

Courses	Previous Learning Background	Entrance Requirement		Periods
		Subject background	English Requirement	
Multivariable	Other international School SIA	AP Calculus BC 5	/	5 periods
AP Calculus BC	Public School	人教版高一数学期末测试达到80分以上	/	5 periods
	Other international School	Participate in the final exam of Pre calculus Semester 1 80+ or AP Pre-calculus 5		
	SIA	The final score of pre calculus two semesters 85+ (average) or AP Pre-calculus 5		
AP Calculus AB	Public School	人教版高一数学期末测试达到70分以上	/	5 periods
	Other international School	Participate in the final exam of Pre calculus Semester 1 70+ or AP Pre-calculus 4		
	SIA	The final score of pre calculus two semesters 75+ (average) or AP Pre-calculus 4		
Statistics and Probability	Public School	完成公立学校高一课程	/	4 periods
	Other international School	Finish Precalculus or Algebra 2		
	SIA	Finish Precalculus or Algebra 2		
AP Statistics	Public School	完成公立学校初三课程	ELD SAT Level or 雅思阅读 (最低6.5, 建议7) or 托福阅读 (最低22, 建议25)	5 periods
	Other international School	Algebra 2 final average 80+ or precalculus final average 70+		
	SIA	Algebra 2 final average 80+ or precalculus final average 70+		
Applied Math	Public School	For H4 Students Only	/	4 periods
	Other international School			
	SIA			
AP Physics C EM	Public School	高一数学和物理 80% or pass placement test ((AP Physics 1: 3分或对应课程80分以上) & (AP Pre-calculus 4分或对应课程80分以上, 且同时正在学习微积分课程)) or pass placement test	ELD Top TOEFL Level or TOEFL Reading 20+ or IELTS Reading 6+	5 periods
	Other international School	(AP Physics 1 AP Physics 1 达到3分 or Intermediate Physics 期末考试 85分以上 or Physics Honor 期末考试80分以上) & AP Pre-calculus 4分或期末考试80分以上&正在学习Calculus		
	SIA	(AP Physics 1 AP Physics 1 达到3分 or Intermediate Physics 期末考试 85分以上 or Physics Honor 期末考试80分以上) & AP Pre-calculus 4分或期末考试80分以上&正在学习Calculus		
AP Physics C M	Public School	高一数学和物理 80% or pass placement test ((AP Physics 1: 3分或对应课程80分以上) & (AP Pre-calculus 4分或对应课程80分以上, 且同时正在学习微积分课程)) or pass placement test	ELD Top TOEFL Level or TOEFL Reading 20+ or IELTS Reading 6+	5 periods
	Other international School	(AP Physics 1 AP Physics 1 达到3分 or Intermediate Physics 期末考试 85分以上 or Physics Honor 期末考试80分以上) & AP Pre-calculus 4分或期末考试80分以上&正在学习Calculus		
	SIA	(AP Physics 1 AP Physics 1 达到3分 or Intermediate Physics 期末考试 85分以上 or Physics Honor 期末考试80分以上) & AP Pre-calculus 4分或期末考试80分以上&正在学习Calculus		
AP Physics 1	Public School	中考数学和物理85%以上 or pass the placement test	ELD Top TOEFL Level or TOEFL Reading 18+ or IELTS Reading 5.5+	5 periods
	Other international School	algebra 2 期末考试80以上 & Intro to Physics or Science Physics 90+		
	SIA	(intermediate physics 期末考试85+ or Physics honor 期末考试75+) & algebra 2 期末考试80以上 H1 Science Physics final 85+		
Physics Honor	Public School	高一数学和物理 80% or 中考物理和数学85+ or pass in placement test	ELD Level 2	5 periods
	Other international School	Intro to Physics or Science Physics 80+		
	SIA	Pass algebra 2 & 80 in H1 Science (Physics)		
Intermediate Physics	Public School	高一数学和物理 70% or 中考物理和数学 75+ or pass in placement test	/	4 periods
	Other international School	Pass algebra II & Intro to Physics or Science Physics 70+		
	SIA	Pass algebra 2 & 70 in H1 Science (Physics) OR Pass Intro to Physics		
Intro to Physics	无	无	无	4 periods
Organic Chemistry	For H4 Only	AP Chemistry 4+		4 periods
AP Chemitry	Public School	高一化学80+	ELD Top TOEFL Level or TOEFL Reading 20+ or IELTS Reading 6+	5 periods
	Other international School	Chemistry Honors 70 + or Intermediate Chemistry 80+		
	SIA	Chemistry Honors 70 + or Intermediate Chemistry 80+		
Chemistry Honors	Public School	中考成绩化学85%	ELD Top TOEFL Level or TOEFL Reading 18+ or IELTS Reading 5.5+	5 periods
	Other international School	Science Chemistry 85+ or Intro to Chemistry 85+ or Intermediate Chemistry 70+		
	SIA	Science Chemistry 85+ or Intro to Chemistry 85+ or Intermediate Chemistry 70+		
Intermediate Chemistry	Public School	中考成绩化学65%	ELD Level 2	4 periods
	Other international School	Science Chemistry 70+ or Intro to Chemistry 70+		
	SIA	Science Chemistry 70+ or Intro to Chemistry 70+		
AP Biology	Public School	Enrollment of a student with no previous experience in the British or American biology curriculum is not recommended.	TOEFL >85 or ELD SAT Level	5 periods
	Other international School	B+ or 80+ in Intermediate level of Biology and Chemistry before taking AP Biology		
	SIA	Score >86 in Intro to Biology or Honors Biology Or score >86 in SIA AP Biology Admission exam		
Biology Honors	Public School	Chinese Grade 8 Science >80	TOEFL >75 or ELD Top TOEFL Level	5 periods
	Other international School	Grade 10 or higher Entry: Grade of A- or higher in Earth and Space Science, B+ in Chemistry and B in Chemistry Honors.		
	SIA	IGCSE Stages 7-9 >70 Introduction to Biology >80		
Intro to Human Disease	For H4 Only	Score >80 in Complete Biology IGCSE or "Pre-AP Biology" or Honors Biology or score >80 in SIA Intro to Human Disease Admission exam.	TOEFL >85 or ELD SAT Level	4 periods
AP Environmental Science	Public School	国内高一化学70+	ELD SAT Level or 雅思阅读 (最低6.5, 建议7) or 托福阅读 (最低22, 建议25)	5 periods
	Other international School	Intro to Chemistry/IGCSE Chemistry 70+ or Intermediate Chemistry 60+		
	SIA	Intro to Chemistry 70+ or Intermediate Chemistry 60+		
Earth Science	/	/	/	4 periods
AP Computer Science	Public School	PROGRAMMING ABILITY The students must meet one of the following: ①80+ raw mark of final exam in H1 grade IT course ②more than 3 months of previous course or training about JAVA language ③finished an independent project using other programming language ④score more than 80% in both Math and Physics subjects in public high school grade 1 (高一) or grade 2 (高二) ⑤score more than 85% in Math subject in public high school grade 1 (高一) or grade 2 (高二)	ENGLISH LEVEL. The students must meet at least one of the following: ①TOFEL overall 80 ②TOFEL reading 23 ③IELTS overall 6 ④IELTS reading 6.5 ⑤a reward from public school English contest in any form (英语竞赛奖项) ⑥a programming project with comments in English only ⑦score more than 80% in University Entrance exam English subject(高考英语) ⑧score more than 85% in public school final exam English subject(期末英语) ⑨ELD Top TOEFL Level	5 periods

	Other international School	PROGRAMMING ABILITY The students must meet one of the following: ①80+ raw mark of final exam in H1 grade IT course ②more than 3 month of previous course or training about JAVA language ③finished a independent project using other programming language	ENGLISH LEVEL. The students must meet one of the following: ①TOFEL overall 80 ②TOFEL reading 23 ③IELTS overall 6 ④IELTS reading 6.5 ⑤ELD Top TOEFL Level	
	SIA	PROGRAMMING ABILITY The students must meet one of the following: ①80+ raw mark of final exam in H1 grade IT course ②more than 3 month of previous course or training about JAVA language ③finished a independent project using other programming language		
ECE	Public School	掌握基础的电路知识，高一物理考试分数85%以上		
	Other international School	AP Physics 2: 4分 or AP Physics C EM 4分 or AP CS 4分	无	5 periods
	SIA	Physics Honor Second semester final 85+ or AP Physics C EM 4分 or AP CS 4分		
Computer Science	/	/	/	4 periods
AP Macroeconomics	SIA / other schools		TOEFL 75/IELTS 6.0	5 periods
AP Microeconomics	SIA / other schools		TOEFL 75/IELTS 6.0	5 periods
Ap English literature and Composition	SIA / other schools	AP English Lang GPA 60/ AP score 4	TOEFL 105/ IELTS 7.5	5 periods
AP English Language and Composition	SIA / other schools	/	TOEFL 105/ IELTS 7.5	5 periods
American Literature	SIA	Intro to west 60+	/	
	International school	Placement test	TOEFL 75/ IELTS 6.0	
		Placement test	No TOEFL 75/IELTS 6.0	
	Public school	/	Placement test	
British Literature	SIA	/	Students with TOEFL85/ IELTS 6.5	
		Intro to west lit 80+	No TOEFL 85 /IELTS 6.5	
	International school	/	TOEFL 85/IELTS 6.5	
		Placement test	No TOEFL 85/IELTS 6.5	
	Public school	/	Placement test	
Contemporary English	SIA	Intro to west lit 80+	Students with TOEFL85/IELTS 6.5	
			No TOEFL 85 /IELTS 6.5	
	International school		TOEFL 85/IELTS 6.5	
		Placement test	No TOEFL 85/IELTS 6.5	
	Public school		Placement test	
AP US History	SIA / other schools	H1 history 85+ / US history 85+/ World history 85+	TOEFL 100/ IELTS 7.5	5 periods
AP Art History	SIA / other schools		TOEFL 100 / IELTS 7.5	5 periods
US History	SIA / other schools		/	4 periods
World History	SIA / other schools		/	4 periods
AP Human Geography	SIA / other schools	Learned HASS/ World history / US history before	TOEFL 95 / IELTS 7.0	5 periods
Comparative Culture (AP Comparative Government and Politics)	SIA / other schools	Students chosen by teachers (Sebastian / Tom)	TOEFL 95 / IELTS 7.0	/
Chinese	Chinese Literature III			2 periods
	Chinese As A Second Language Advanced III		First language is not Chinese	2 periods
Photography		Have a digital camera and laptop		2 periods
Digital Fine Art		Have a drawing tablet and portfolio		2 periods
AP 2D Art and Design		Prepare portfolio and join ECA opening art studio		5 periods
Choir		Must pass an audition and be able to read music notation		4 periods
Orchestra		Must have 2 years prior experience with an instrument and be able to read music notation		4 periods
AP Music Theory		Able to read and write Western music notation and have good knowledge of music theory		5 periods
TOEFL/SAT			TOEFL<85——ELD TOEFL TOEFL ≥85——ELD SAT	8 periods
Physical Education				2 periods
Chinese Literature I/II/III				
Chinese As A Second Language Advanced I/II/III			First language is not Chinese	2 periods
Japanese				
Spanish				
Korean				4 periods
AP Psychology	SIA / other schools	/	TOEFL 95/ IELTS 7.0	5 periods
Entrepreneurship and Business Planning	/	/	/	4 periods