



# IGCSE CURRICULUM GUIDE

IGCSE 课程学习指南

Dulwich International High School Zhuhai  
No.1 Zhuhai Avenue, Zhuhai , Guangdong , China  
中国广东省珠海市珠海大道1号德威国际高中

Tel 电话: +86-0756-8693133 +86-0756-8693233  
官网: <https://zhuhai-high-school.dulwich.org>



微信公众号

2013–2019 历届毕业生大学录取

Selected University Offers to Dulwich Zhuhai Students 2013 - 2019

美国			UNITED STATES		数量	Number
 伯克利音乐学院	伯克利音乐学院 Berklee College of Music	2	普瑞特艺术学院 Pratt Institute	1		
	加州艺术大学 California College of the Arts	1	里德学院 Reed College	1		
	加州艺术学院 California Institute of the Arts	1	罗切斯特理工学院 Rochester Institute of Technology	1		
	查普曼大学 Chapman University	1	纽约视觉艺术学院 School of Visual Arts, New York City	3		
 加州大学伯克利分校	克雷顿大学 Creighton University	1	西顿霍尔大学 Seton Hall University	1		
	德安萨大学 De Anza College	1	雪城大学 Syracuse University	1		
	迪堡大学 DePauw University	1	天普大学 Temple University	1		
	德雷塞尔大学 Drexel University	1	联合学院 Union College	1		
 纽约大学	罗切斯特大学伊士曼音乐学院 Eastman School of Music at University of Rochester	1	纽约州立大学水牛校区 University at Buffalo, the State University of New York	1		
	安柏瑞德航空大学 Embry -Riddle Aeronautical University	4	加州大学伯克利分校 University of California Berkeley	2		
	爱默生学院 Emerson College	1	加州大学戴维斯分校 University of California Davis	1		
	弗尔曼大学 Furman University	1	加州大学欧文分校 University of California Irvine	1		
 范德堡大学	霍巴特和威廉姆史密斯学院 Hobart and William Smith Colleges	1	加州大学圣地亚哥分校 University of California San Diego	2		
	伊利诺伊卫斯理大学 Illinois Wesleyan University	1	加州大学圣巴巴拉分校 University of California Santa Barbara	1		
	印第安那州布卢明顿大学 Indiana University Bloomington	1	特拉华大学 University of Delaware	1		
	莫瑞麦克学院 Merrimack College	1	伊利诺伊大学芝加哥分校 University of Illinois at Chicago	1		
 纽约视觉艺术学院	迈阿密大学 Miami University	1	萨诸塞大学阿默斯特分校 University of Massachusetts Amherst	1		
	密歇根州立大学 Michigan State University	1	密歇根大学 University of Michigan	1		
	纽约大学 New York University	1	明尼苏达双城大学 University of Minnesota Twin Cities	1		
	北卡罗莱纳州立大学 North Carolina State University	1	纽黑文大学 University of New Haven	1		
	东北大学 Northeastern University	2	弗吉尼亚大学 University of Virginia	1		
	欧柏林音乐学院 Oberlin Conservatory of Music	1	华盛顿大学 University of Washington	2		
	西方文理大学 Occidental College	1	范德堡大学 Vanderbilt University	1		
	俄亥俄州立大学 Ohio State University	1	弗吉尼亚理工学院 Virginia Tech	1		
	宾夕法尼亚州立大学 Pennslyvania State University	4				
英国						
UNITED KINGDOM						
 伦敦政治经济学院	建筑联盟学院 Architectural Association School of Architecture	1	伦敦政治经济学院 London School of Economics and Political Science	7		
	伯恩茅斯艺术大学 Arts University Bournemouth	1	朴茨茅斯大学 Portsmouth University	1		
	贝勒比斯学院 Bellerbys College(Foundation program)	1	伦敦大学玛丽女王学院 Queen Mary,University of London	3		
	布里斯托大学 Bristol University	6	雷丁大学 Reading University	1		
 牛津大学	卡迪夫大学 Cardiff University	1	皇家音乐学院 Royal College of Music	1		
	中央圣马丁艺术与设计学院 Central Saint Martin's, University of the Arts London	5	伦敦大学学院 University College London	22		
	伦敦艺术大学切尔西艺术学院 Chelsea College of Arts,University of the Arts London	1	东英吉利亚大学 University of East Anglia	1		
	格拉斯哥艺术学院 The Glasgow School of Art	1	爱丁堡大学 University of Edinburgh	11		
 帝国理工学院	帝国理工学院 Imperial College	10	利兹大学 University of Leeds	5		
	伦敦大学国王学院 Kings College, University of London	3	曼彻斯特大学 University of Manchester	11		
	兰卡斯特大学 Lancaster University	1	牛津大学 University of Oxford	3		
	伦敦艺术大学伦敦传媒学院 London College of Communication,University of the Arts London	1	谢菲尔德大学 University of Sheffield	1		
	伦敦艺术大学伦敦时尚学院 London College of Fashion,University of the Arts London	1	圣安德鲁斯大学 University of St. Andrews	1		
			英国南安普敦大学 University of Southampton	1		
			华威大学 University of Warwick	10		
			约克大学 University of York	3		
澳大利亚						
AUSTRALIA						
 澳大利亚国立大学	澳大利亚国立大学 Australian National University	1	昆士兰大学 University of Queensland	1		
	蒙纳士大学 Monash University	3	悉尼大学 University of Sydney	3		
	墨尔本大学 University of Melbourne	12				
	新南威尔士大学预科 University of New South Wales (Foundation program)	1				
加拿大						
CANADA						
 多伦多大学	达尔豪斯大学 Dalhousie University	1	英属哥伦比亚大学 University of British Columbia	2		
	麦吉尔大学 McGill University	4	多伦多大学 University of Toronto	15		
	西蒙弗雷泽大学 Simon Fraser University	1	多伦多大学密西沙加分校 University of Toronto Mississauga	1		
亚洲						
ASIA						
 香港大学	香港中文大学 Chinese University of Hong Kong	1	香港公开大学 Open University of Hong Kong	1		
	香港城市大学 City University of Hong Kong	1	香港教育学院 The Hong Kong Institute of Education	1		
	香港理工大学 Hong Kong Polytechnic University	1	香港大学 University of Hong Kong	7		
	香港科技大学 Hong Kong University of Science and Technology	1	澳门大学 University of Macau	1		
	澳门科技大学 Macau University of Science and Technology	1	韩国延世大学 Yonsei University	1		
瑞士						
SWITZERLAND						
 瑞士酒店管理学校	洛桑酒店管理学院 École Hôtelière de Lausanne	3	格里昂高等教育学院 Glion Institute of Higher Education	1		
	瑞士酒店管理学校 Swiss Hotel Management School	1				
荷兰						
NETHERLAND						
	莱顿大学 Leiden University	2	特文特大学 University of Twente	1		

\* QS university world rankings – www.topuniversities.com 参看 QS 世界名校排行榜

Content 目录

校长致辞 Director's Message 02

课程介绍 IGCSE Curriculum IGCSE 03

英语语言 English Language 09

数学学科 Mathematics 11

附加数学 Additional Maths 12

中文学科 Chinese 15

商务学科 Business Studies 17

经济学科 Economics 19

生物学科 Biology 23

化学学科 Chemistry 25

物理学科 Physics 29

英语文学 English Literature 33

地理学科 Geography 35

历史学科 History 37

艺术与设计 Art and Design 39

音乐学科 Music 43

体育学科 Physical Education 45

课外实践 Co-Curricular Activities 47





# 校长致辞 Director's Message

珠海德威国际高中旨在为学生提供优秀的学术课程、语言环境和出国前的文化储备。

每个孩子都有着不同的梦想，我们将尽最大努力让孩子们梦想从这里启航。选择理想的海外学校是我们的共同愿景，但我们更注重培养孩子适应西方国家生活和学习的能力。

我们提供世界范围内广为认可的IGCSE作为基础课程，此课程将为学生继续学习A-Level课程和大学课程，甚至就业打下很好的基础。所有教材均来源于剑桥课程体系，不仅适合程度不同的学生进一步提高自己的学科知识，同时培养了学生的思辨能力、创新能力以及处理问题的能力。学校聘请具有优秀教学资质的教师，他们掌握西方教学方法，极具经验，这是对教学质量的重要保障。

除了严谨的学科课程外，我们还提供丰富的能力拓展课程，例如爱丁堡公爵国际奖项、斯坦福在线学习课程、ICSMS国际音乐节、世界模拟联合国及世界学者杯等课外技能与课程的学习机会，我们认为这些知识是和学科学习同等重要的。同时，学生在校期间开设社区服务课，以培养他们感知社会的能力。IGCSE的学习是有挑战性的，但成功是留给有准备的人的。孩子们，让德威高中成为你通往世界的桥梁吧！

It is our goal here at Dulwich International High School Zhuhai to provide an outstanding academic, linguistic and cultural preparation for life and study outside of China.

We recognise that each student has different needs and we are sufficiently flexible to help each individual child achieve their personal goals. We understand that gaining a place at a university overseas is the main goal of all students who enter Dulwich Zhuhai. Where we excel however, is not only in placing students in overseas universities, but more importantly, in preparing them to succeed when they arrive.

Our IGCSE curriculum is the first step towards achieving this goal. IGCSE is a stand-alone qualification that thoroughly prepares students for the academic rigour required at A-Level and beyond. We believe we offer a curriculum that is both broad in appeal while at the same time built around the strengths of our students. For learners, the IGCSE qualification helps improve performance by developing skills in creative thinking, enquiry and problem solving. It is the perfect springboard to advanced study. Our IGCSE curriculum is delivered in English by highly experienced and qualified teachers from western education systems who are all experts in the IGCSE subjects they teach.

All IGCSE students are encouraged to take full advantage of the broad range of co-curricular activities we offer. The Duke of Edinburgh International Award, The Stanford Online Courses and the ICSMS International Music Festival are just a small selection of the opportunities on offer. We also encourage all IGCSE students to become involved in community service and develop their compassion and empathy for others. Life as an IGCSE student at Dulwich is very demanding, however, it is also extremely rewarding for those who are prepared to work hard and seize the opportunity.

—Andrew Macdonald-Brown



# IGCSE 课程介绍



珠海德威国际高中的学生学习的IGCSE和A-Level国际课程，等同于英国中学生的初高中课程。但这并不意味着他们只能申请英国的大学，IGCSE和A-Level的资格全球大学均认可，包括英国、美国、加拿大、澳大利亚、香港、新加坡在内的160多个国家，含剑桥、牛津、哈佛、耶鲁、香港大学在内的顶尖大学几乎都接受该课程的考试成绩。

课程以培养批判式思考和创新能力为主旨。在IGCSE考试里，除了笔试作为主要的测评方式外，考试也包括其它形式，比如自然科学的操作实验和音乐的编曲等。课程的考核模式决定了德威的学生不仅仅只会做题，也同时具备深受西方大学重视的多种实践能力。

除个别学科，学校的IGCSE课程考试获得剑桥国际考试委员会授权。该委员会是全球尤其是英国教育界里受到广泛认可的权威考试机构。

10年级的学生有两种课程模式可以选择：四年制模式和三年制模式。

4年制学生		3年制学生	
10年级	IGCSE（8门考试科目）	10年级	IGCSE（6门考试科目）
11年级	IGCSE（8门考试科目）	12年级	AS（4门考试科目）
12年级	AS（4门考试科目）	13年级	A2（3/4门考试科目）
13年级	A2（3/4门考试科目）		

绝大多数的中国学生更适合4年制课程模式，这种模式可以确保学生有充分的时间提高英语能力，并找到自己的专长，以便在申请大学时更具竞争力。

少数学生可以选择3年制课程模式，鉴于一年时间内完成IGCSE学习的难度和压力均较大，所以入读条件相对严格，只有英文能力和学科学习能力本身比较强的学生才能选择3年制课程模式。

完成国内普通高中一年级的学生可优先考虑3年制课程模式。

# IGCSE Curriculum

Students at Dulwich International High School Zhuhai follow a similar academic curriculum to students in the UK. This does not mean that they can only attend UK universities - IGCSEs and A-Levels are accepted by all of the world's leading universities - but it does mean that they are accessing a curriculum which has a proven track record in producing high quality graduates.

At the heart of the curriculum is a focus on developing critical thinking skills and creativity. Furthermore, whilst written exams have a role to play, IGCSE also involves assessment through other means, such as science practical examination or composition work in music. The nature of our curriculum and lessons means that, unlike many Chinese high school students, Dulwich students are ideally prepared for life at international universities.

With a few exceptions, our IGCSE exams are approved by the Cambridge International examination board. This institution is a world leader in the field of UK and International education.

## The Four Year and Fast Track Programmes

In Year 10 we offer two options for our students: a Four Year programme or a Fast Track programme which students complete in three years.

Four Year Students		Fast Track Students	
Year 10	IGCSE (8 exam subjects)	Year 10	IGCSE (6 exam subjects)
Year 11	IGCSE (8 exam subjects)	Year 11	AS (4 exam subjects)
Year 12	AS (4 exam subjects)	Year 12	A2 (3/4 exam subjects)
Year 13	A2 (3/4 exam subjects)		

For the majority of our students we believe that the Four Year programme is more appropriate. It allows students more time to develop their English language skills and identify their passions, leaving them better placed to secure acceptances into the most competitive universities overseas.

For a small number of students, the Fast Track course may be a better option. However, due to the enormous pressure and difficulty of completing IGCSE study in one year, only students who already possess outstanding English skills and a very strong academic pedigree will be allowed to pursue the Fast Track option.

Priority for the Fast Track course will be given to students who have already completed grade 10 in a Chinese high school.



# IGCSE 课程介绍

IGCSE学生的科目选择由必修科目和选修科目组成：

## 必修科目

考试科目	非考试科目
数学	戏剧
中文	体育
英语	信息技术
	社区服务*

10年级的所有学生，不管他选择了4年制课程还是3年制课程都需要学习以上必修科目。11年级的学生需继续学习体育和戏剧，但无需学习信息技术和社区服务。

\*只有4年制的学生才需要上社区服务课。

## 选修科目（4 年制）

多数学生将从下表中选修5门IGCSE科目，必须包含科学类的两科，另外三列的科目分别从每个列表中再各选一科。

入学考试总分符合录取条件，但英语成绩相对较弱的学生，可能需要选择“英语辅导”作为“额外”列表中三个所选科目的其中一项。这意味着，他们每周要额外上3个小时的英语课，在“额外”列表中只能选择两个IGCSE科目。

科学 (x 2)	额外 (x 3)		
生物	艺术	地理	物理
化学	商科/经济学*	历史**	英语辅导***
物理	英语文学**	音乐	体育

\*选择商科/经济学的学生根据英语能力的评估，作为日后修读商科或经济学其中一门科目的依据。  
\*\* 英语科目入学考试总得分在 70% 以上的才有资格学习英语文学。  
\*\*\*这是一门提供给部分需要提高英语能力的学生的课程，非考试科目。我们会要求部分学生选择这门课程。

## IGCSE 选修科目（3 年制）

由于3年制学生的总学时较少，科目选择的空间也会因此受到限制，这些学生必须选择物理和商科，然后从化学或音乐中选择其一。

选择3年制的学生需清楚地知道，这个特定的IGCSE课程组合也会影响他们进入12年级的科目选择。

# IGCSE Curriculum

IGCSE students at Dulwich are able to follow a broad curriculum based on a combination of compulsory subjects alongside their own interests.

## Compulsory Subjects

Examination subjects	Non-Examination subjects
Mathematics	Drama
Chinese	PE
English	ICT
	Community Service*

The subjects above are compulsory for all students in Year 10, regardless of whether they are Four Year or Fast Track. In Year 11 students must continue with PE and Drama but no longer study ICT or Community Service.

\* Community Service is only taken by the Four Year students.

## Optional Subjects (Four Year):

The majority of students will study five IGCSE option subjects from the table below. They must select two subjects from the Science column and one subject from each of the other three columns.

Students whose overall score is strong enough to be offered a place, but who have a relatively low English entrance exam score, may be required to take English Support as one of their three ‘Additional Subjects’. This means that they will have an extra 3 hours of English language lessons each week and will only be able to choose two IGCSE subject choices from the ‘Additional Subjects’ list.

Science (x2)	Additional Subjects (x3)		
Biology	Art	Geography	Physics
Chemistry	Business Studies /Economics*	History**	English Support***
Physics	English Literature**	Music	Physical Education

\* Students who choose Business Studies / Economics will be assigned to either Business Studies or Economics based on their English ability.  
\*\* Eligibility for this course will be based on their English ability .  
\*\*\*This is a non-examined course designed to support students’ development of English Language. Some students may be required to take this option.

## Additional Subjects (Fast Tack)

Due to the reduced time available to Fast Track students, their options are restricted. Fast Track students all take Physics and Business Studies and choose either Chemistry or Music. Students taking the Fast Track pathway must also understand that this specialised IGCSE curriculum will limit their subject choices in Year 12 as well. They will be required to choose subjects at A-level (Year 12) .





学校课程以培养批判式思考和创新能力为主旨。在IGCSE考试里，除了笔试作为主要的测评方式外，考试也包括其它形式，比如自然科学的操作实验和音乐的编曲等。

At the heart of the curriculum is a focus on developing critical thinking skills and creativity. Furthermore, whilst written exams have a role to play, IGCSE also involves assessment through other means, such as science practical examination or composition work in music.



# 英语语言

能有效运用英语沟通，是顺利在国外留学最重要的技能。因此，我们坚持所有的课程都使用英语教学。学生在校期间，无论是课内，还是在课外都必须用英语进行交谈。

英语语言课程是10年级到13年级学生的必修科目。在10年级，所有学生将学习英语基础课程，此阶段的目的是提高他们听、说、读、写四方面的技能。在11年级开学初，根据学生的英语能力，他们将继续学习以下两门课程中的一门：

CURRICULUM 1  
IGCSE英语作为  
第一语言

CURRICULUM 2  
IGCSE英语作为  
第二语言



所有11年级的学生都将完成参加考试所需的课程作业，所有学生将在12年级结束前参加IGCSE英语考试。

学习 IGCSE 英语课程有两大优势：第一给学生提供了完善的知识体系以提高其英语水平；第二收到全球各大学的高度认可并被接受为英语水平的认证。若能在英语作为第一语言考试中获得C以上的成绩，学生将能够申请世界上几乎任何一所大学。由于部分学生需要凭借雅思或托福成绩申请留学签证，学校的13年级课程将致力于为学生提供能够提高英语语言能力和技巧的实用课程，以确保他们足以应对雅思或托福考试。

对于英语水平更高的学生，我们还提供英语文学作为他们的IGCSE选修课之一。这一选修课只接受有能力证明自己具备英语文学所必需的高阶英语阅读和写作能力的学生。

备注：有需要的学生将可选择每周多上3小时的英语辅导课，以代替其第五门IGCSE选修科目。

# English Language

The ability to communicate effectively in English is probably the single most important criteria for becoming a successful university student abroad. Therefore, we insist that all our lessons are conducted in English. Furthermore, students are required to speak in English in all classrooms and corridors throughout the day.

English language lessons are compulsory for all students in Years 10 to 13. In Year 10 all students follow a general English curriculum which is aimed at developing their skills in the four key areas of speaking, listening, reading and writing . At the start of Year 11 students will then pursue one of the following courses dependent upon their ability:

CURRICULUM 1  
IGCSE First  
Language English(FLE)

CURRICULUM 2  
IGCSE English as a  
Second Language(ESL)

All students in Year 11 will be expected to complete written coursework . IGCSE English examinations will be sat in the summer of Year 12.

There are two main benefits of studying the IGCSE English curriculum; firstly, it provides an excellent framework for students to improve their English skills. Secondly, it is recognised by universities around the world as proof of English proficiency. Students who achieve a C grade in IGCSE FLE will be able to access practically any university in the world.

For students who join us with an already high level of English language ability, there is also the opportunity to study English Literature as one of their IGCSE option subjects. However, this option is only available to students who prove themselves able to handle the high level of English reading and writing skills needed to be successful on this course.

Note : Students who need it can receive 3 additional hours of English support lessons each week instead of studying a fifth IGCSE option subject.

IGCSE英语第一语言和英语第二语言课程注重四大核心技能（听、说、读、写），旨在培养学生任何正式和非正式场合中自信使用英语的能力。

Both the ESL and FLE courses focus on the four key skills of listening, speaking, reading and writing, and are designed to enable students to become confident in their use of English in both formal and informal settings.



# 数学学科 Mathematics

## ■ 课程内容

学生将学习数理和统计知识，其中包括（但是并不局限于）：百分比、比例、份额、比率；度量、等价换算(如货币兑换)、代数式、运算法则；复合函数和反函数、根式和指数、线性规划、解方程和不等式；几何作图、变换；轨迹；体积、表面积以及三角函数。

## ■ 评估方法

IGCSE的学生由两场考试来评估，一场是历时一个半小时的简答题，占总分35%；另一场是历时两个半小时的问答题，占总分65%。

## ■ 为什么学习数学？

数学是经济学和金融学的基础和核心内容。数学的学习需要通过查找规律和逻辑推理来分析数据、得出结论。学生的某些技能将能够在数学学习中得到提升，比如逻辑推理能力、解决问题能力和适应能力。

## ■ 关于本校的 IGCSE 数学课程

- 学科组长：Ms Yeung
- 考试机构：剑桥国际考试委员会
- 选择“三年制”的可否选数学？是
- 10年级学位名额：不限

## ■ 数学相关专业的学生就业方向

Popular career paths for Maths graduates include

金融 Finance	工程 Engineering	会计 Accounting	计算机与编程 Computing and programming
------------	----------------	---------------	-------------------------------------

## 数学趣事 Interesting fact

动物骨头上的凹痕显示人们已经做数学计算超过了32000年。

Notches on animal bones show that people have been making mathematical computations for over 32,000 years.

## ■ Course Content

Students study a range of mathematical and statistical areas. These include, but are not limited to: percentages, ratio, proportion & rate; measures; conversion between equivalent numerical forms, such as currencies; algebraic representation, formulae and manipulation; composite and inverse functions; indices and surds; linear programming; solving equations and inequalities; geometrical constructions; transformations; locus; mensuration and trigonometry.

## ■ Method of Assessment

IGCSE students are assessed through two examinations. One is a 1.5 hour examination and contains short answer questions. This paper is worth 35% of the course. The other examination lasts for 2.5 hours and contains longer questions. This paper is worth 65% of the course.

## ■ Why study Maths?

Mathematics may be considered a fundamental and core subject in economics and finance. Mathematicians look for patterns and use logical reasoning to develop new theories and analyse data. Students will develop a variety of skills through studying mathematics, such as logic, problem solving, and resilience.

# 附加数学 Additional Maths

## ■ 课程内容

IGCSE课程包括以下内容：学生将学习比较广泛的数学知识，其中包括（但是并不局限于）：集合、函数及其图像、指数和根式、多项式、解方程组、对数函数和幂函数、圆的度量、三角函数、排列组合、二项式定理、向量、矩阵、微分及极值求解、积分及曲线下面积求解等。

## ■ 评估方法

IGCSE附加数学的学生将参加两场考试，每场考试历时两小时，考试形式为简答题和问答题，各占总成绩的50%。

## ■ 为什么学习附加数学？

数学是经济学和金融学的基础和核心内容。附加数学的学习不仅能充分地发掘学生的数学能力，也将帮助学生为A-Level及未来在数学、经济和科学的学习奠定基础。

## ■ 关于本校的IGCSE附加数学课程

- 学科组长：Ms Yeung
- 考试机构：剑桥国际考试委员会
- 选择“三年制”的可否选此课程？否
- 10年级学位名额：无

## ■ 数学相关专业的学生就业方向 Popular career paths for Mathematics graduates include

金融 Finance	工程 Engineering	会计 Accounting	计算机与编程 Computing and programming
------------	----------------	---------------	-------------------------------------

## 数学趣事 Interesting fact

如同艺术的缥缈，这个世界上存在着许多虚伪的、离奇的数。

As in the arts, there are imaginary and surreal numbers.





IGCSE数学和附加数学证书是一个优秀的学术资格，深受企业雇主肯定，也是申请高等教育的重要凭据。企业很重视数学技能，因为学习数学能培养学生对逻辑策略的判断和分析能力。此外，解决方案的撰写及表达、结果证明和论据皆能帮助学生发展有创造性的推理思维。数学也是英国大学最喜欢的科目，也是众多学位课程的基础，如工程、计算机、经济、甚至社会科学学位都要求卓越的数学能力。

IGCSE Mathematics and Additional Mathematics are versatile qualifications, well-respected by employers and are both facilitating subjects for entry to higher education. Employers highly value Mathematics qualifications because students get to develop resilience and are able to think creatively and strategically. The writing and presentation of structured solutions, proof and justification of results help students to formulate reasoned arguments. For progression to many courses in A Level and at university it is also important to have strong mathematics skills.





# 中文学科

## ■ 课程内容

此中文课程主要指导学生准备IGCSE中文考试，包括学习使用不同表达方式进行写作，特别是议论的表达方式；还会学习准确使用语言、组织文章结构及识别不同的写作风格。课程中会大量阅读优秀文学作品，包括中华优秀传统文化经典；也会有报刊阅读与时评、组织辩论、课题探究、展示汇报等。

## ■ 评估方法

IGCSE 考试包括 2 份试卷：

试卷 1	试卷 2
阅读 50%	写作 50%

## ■ 为什么学习中文？

IGCSE中文考试指导可以帮助学生了解考试标准及要求，考取理想学分。中华优秀传统文化经典阅读，可以让学生感悟优秀传统文化的精神内涵，理性认知。学习优秀文学作品可以加深对时代背景的理解、提高文学鉴赏力，阅读报刊时事可以拓宽对当今国际及国内社会的认识；课题研究可以培养中文探究能力；评论、辩论及展示可以提高思辨能力和语言表达能力。

## ■ 关于本校的 IGCSE 中文课程

学科组长	考试机构	“三年制”是否学习中文？
梁老师	剑桥国际考试委员会	是

## ■ 中文相关专业的学生就业方向

传媒与广告	教育与培训	文化交流与研究	服务与贸易	人力资源 与社会工作
-------	-------	---------	-------	---------------



# Chinese

## ■ Course Content

The IGCSE Chinese exam focuses on:  
Comprehension, analysis and summary; identifying and writing using different ways of expression, especially descriptive, narrative and argumentative expression; accuracy of language; writing style and organisation. The course also requires students to study, appreciate and present work on classical Chinese literature.

## ■ Method of Assessment

The course consists of two examinations:

PAPER 1	PAPER 2
READING 50%	WRITING 50%

## ■ Why study Chinese?

This course is for students who are already fluent in Mandarin,\* allowing them to deepen their knowledge and understanding of traditional Chinese culture and language. The course also cultivates the skills of inquiry and debate, as well as developing the power of expression. As the global influence of China grows and more people around the world seek to learn Mandarin, a strong knowledge of Chinese language and culture will be an invaluable asset in the workplace of the future.

## ■ More details about IGCSE Chinese at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Mrs Liang	CIE	Yes

## ■ Career paths for Chinese Language and Literature include

Media and Advertising	Education and training	Cultural exchange and research	Service industry and trade	Human resources and social work
--------------------------	---------------------------	-----------------------------------	-------------------------------	------------------------------------

\* Chinese as a second language and foreign language Chinese courses are offered for non-native speakers.

## 中文趣事 Interesting fact

你知道孔门七十二贤人中孔子最欣赏哪位吗？——颜回

Do you know which one is Confucius' favorite among the seventy-two students?--Yanhui



# 商务学科

## ■ 课程内容

IGCSE商务研究学科（以下简称“商科”）包括六大章节：

一	商业活动的基本认识	四	生产管理
二	企业中的“人”（包括员工、管理者等）	五	财务数据与决策
三	市场营销	六	影响商业活动的外部因素

学生在学习商科之后将对不同性质的公司、企业所在的经营环境以及企业各职能部门的区分等内容有所了解、研究，并且将深刻理解“人”这一生产要素在企业成功中扮演的重要角色。

## ■ 评估方法

- 试卷1：四道大题，其中包括5种类型的简答题，每个简答题会提供一个虚拟公司的背景资料。
- 试卷2：四道大题，要求考生根据试卷中提供的某个虚拟的企业及其基本情况做相应的回答。

## ■ 为什么学习商务研究？

选择学商科最大的理由是它的就业前景非常可观。学习商科能掌握许多技能，比如写作能力、分析解决问题的能力、批判性思维、运算能力、演讲能力、做研究的能力、与人交流的能力等，它还能够培养学生的团队合作意识和政治意识等等。这些基本知识的储备不仅为学生将来在众多领域的成功打下基础，也为他们以后创业做准备。



## ■ 关于本校的 IGCSE 商务研究课程

学科组长	考试机构	选择“三年制”的可否选择体育？
Ms Butcher	剑桥国际考试委员会	是

## ■ 商科相关专业的学生就业方向

商务、金融	管理类	会计	银行业
-------	-----	----	-----

# Business Studies

## ■ Course Content

IGCSE Business Studies covers the following areas:

1	Understanding business activity	4	Operations management
2	People in Business	5	Financial information and decisions
3	Marketing	6	External influences on business activity

Students will understand the different forms of business organisations, the environments in which businesses operate and business functions such as Marketing, Operations and Finance. Students should appreciate the role of people in business success.

## ■ Method of Assessment

- Paper 1 - Four questions, a mixture of short answers and data response.
- Paper 2 - Four questions based on a case study provided as an insert with the paper.

## ■ Why study Business?

One of the biggest reasons to study business is for the many career opportunities it provides. Studying business will equip students with the requisite skills to succeed in businesses within many fields. It will also provide students with the knowledge and ability to set up their own business in later life.

Students will acquire many skills by studying business, including: writing, analysis and problem solving, critical thinking, numeracy, presentation, research, communication, team working and political awareness.

## ■ More details about IGCSE Business at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Ms Butcher	CIE	Yes

## ■ Popular career paths for Business graduates include

Business and Finance	Managerial	Accounting	Banking
----------------------	------------	------------	---------

**商科趣事 Interesting fact**

商科和许多其他的专业组合后也是大学里可供选修的专业，比如“商务与工程”、“商务与计算机”、“物理、商务和管理”等。

Business can be combined with many subjects at university, such as “Engineering and Business”, “Business and Computing” and “Physics with Business & Management”.





### 经科趣事 Interesting fact

经济学可以与很多学科组合成一个专业供大学生选择。大学里提供的专业有：经济学与政治学、哲学，俗称PPE、经济统计学、经济学与财务管理以及经济学史等专业。

Economics can be combined with a number of different subject. Economics with Politics and Philosophy (PPE) and Economics and Statistics or Financial Management or the study of Economic History.

# 经济学科

## ■ 课程内容

学生将学习到以下六大板块的内容：

一	根本的经济问题	四	政府与经济体
二	资源的分配	五	经济发展
三	微观经济学的决策者们	六	国际贸易与全球化

## ■ 评估方法

评估机构：剑桥大学国际考试委员会  
完全以考试形式评估

试卷 1	试卷 2
单选题（占最终成绩的30%）	结构问答题（占最终成绩的70%） 考生需要回答一道必答题，以及在提供的4道大题中选择其中任意3道大题，进行回答。

## ■ 学生发展技能

学生在学习经济学学科后将认知并了解经济学术语、概念以及原理。同时，学生将学会如何分析经济数据、使用不同的经济分析方法、利用逻辑阐述经济概念以及利用所学解决当下的经济学问题。

# Economics

## ■ Course Content

Students will cover the following areas:

1	The basic economic problem	4	The government and the economy
2	The allocation of resources	5	Economic development
3	Microeconomic decision makers	6	International trade and globalization

## ■ Method of Assessment

Exam Board: CIE

100% exam

- Paper 1 - Multiple choice (30%)
- Paper 2 - Structured Questions ( 70%)

Students answer on compulsory question and 3 questions from a choice of four.

## ■ Skills students develop

Know and understand economic terminology, concepts and theories; interpret economic data, use tools of economic analysis; express economic ideas logically and apply economic understanding to current economic issues.





选择学习商科最大的理由是就业前景相对可观。学习商科能掌握许多技能，比如写作能力、分析解决问题的能力、批判性思维、运算能力、演讲能力、做研究的能力、与人交流的能力等，它还能够培养学生的团队合作意识和政治意识等等。

One of the biggest reasons to study business is for the many career opportunities it provides. Studying business will equip students with the requisite skills to succeed in businesses within many fields. It will also provide students with the knowledge and ability to set up their own business in later life.





# 生物学科



## ■ 课程内容

IGCSE课程包括以下内容：有机生物体的特征；有机生物体的分类以及多样性；细胞的组成和结构；细胞跨膜运输的方式。酶学、营养学、运输系统、呼吸系统、人体排泄及机体的协调和应答；繁殖、生长与发育、遗传、能量流动、食物链与食物网，能量的循环以及人口比例等。

## ■ 评估方法

考试包括 3 份试卷：

试卷 2	试卷 4	试卷 5
选择题 占总分30%	理论题 占总分50%	实验技能题 占总分20%

## ■ 为什么学习生物？

生物涵盖了很多有趣的课题，其中有些课题能影响宇宙，甚至是未来。全球气候变暖，物种濒临灭绝，疾病的侵害（例如艾滋病、癌症）等。这些来自自然环境的威胁都需要生物学家们寻找解决方案。生物学科可以为你提供很多受人尊敬的职业。

## ■ 关于本校的 IGCSE 生物课程

学科组长	考试机构	选择“三年制”的可否选择生物？
Mr Hedley	剑桥国际考试委员会	否

## ■ 生物就业方向

法医	医学行业（如医生或护士）	医药研究开发	自然保护专员
----	--------------	--------	--------

# Biology

## ■ Course Content

At IGCSE students will study: Characteristics of living organisms; Classification and diversity of living organisms; Cell structure and organisation; Movement in and out of cells; Enzymes; Nutrition; Transportation; Respiration; Excretion in humans and Coordination and response; Reproduction; Growth and development; Inheritance; Energy flow; Food chains and webs; Nutrient cycles; Population size.

## ■ Method of Assessment

The course consists of three examinations:

PAPER 2	PAPER 4	PAPER 5
MULTIPLE CHOICE 30%	EXTENDED THEORY 50%	PRACTICAL 20%

## ■ Why study Biology?

Biology involves the study of a wide range of exciting topics which affect the future of our planet. Environmental threats such as global warming and animal extinction, or medical illnesses such as AIDS and cancer, will all rely on the work of Biologists for solutions. Studying Biology provides access to a broad range of stimulating and well respected careers.

## ■ More details about IGCSE Biology at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Mr Hedley	CIE	No

## ■ Popular career paths for Biology graduates include

Forensic Scientist	Medicine – e.g. doctor or nursing	Medical Research	Nature Conservation Officer
--------------------	-----------------------------------	------------------	-----------------------------

## 生物趣事

你知道我们大脑的左半边负责控制身体右边的肌肉，而右半边大脑是负责控制身体左边的肌肉吗？

## Interesting fact

Did you know the right half of the brain controls the left side of our body muscles, and the left controls the right?



# 化学学科

## ■ 课程内容

IGCSE课程包括以下内容：

一	原子的结构，物质分离的原理，物质的量，电解质
二	热量的转换，可逆反应，酸碱盐，氧化还原反应
三	元素周期表，金属及其萃取，有机化学，碳酸盐，硫及其化合物
四	空气和水，气体和离子的检测等

## ■ 评估方法

考试包括 3 份试卷：

试卷 2	试卷 4	试卷 5
选择题 占总分30%	理论题 占总分50%	实验技能题 占总分20%

## ■ 为什么学习化学？

化学是一门综合性学科。它存在于你呼吸的空气中，你饮用的水里，你所吃的食物里。人类通过想象制造出来的东西都涵盖化学，哪怕只是一支铅笔或者是一张纸。同时，有一些工作必须要以化学作为基础来选拔，例如医药、化学工程师等。即使你不想成为一名科学家，但是很多企业及大学都高度认可，学习过化学的学生具有很强的分析解决问题及数据处理的能力。

## ■ 关于本校的 IGCSE 化学课程

学科组长	考试机构	选择“三年制”的可否选择化学？
Mr Hedley	剑桥国际考试委员会	是

## ■ 化学相关专业的学生就业方向

药物研究员	医药学	法医	化学工程师
-------	-----	----	-------

### 化学趣事 Interesting fact

科学家认为来自地球表面的黄金都是来自外太空，甚至是星际的中心。

Scientists believe that all the gold found on the surface of our planet earth came from outer space and was once in the centres of stars.

# Chemistry

## ■ Course Content

At IGCSE students will study: atomic structure; methods of separation of substances; quantifying chemicals using the mole theory; electrolysis; heat changes; reversible reactions; acids, bases and salts; redox reactions; the periodic table; metals and their extraction; organic chemistry; carbonates; sulphur (and its compounds); air and water; and the methods of testing for gases or ions.

## ■ Method of Assessment

The course consists of three examinations:

PAPER 2	PAPER 4	PAPER 5
MULTIPLE CHOICE 30%	EXTENDED THEORY 50%	PRACTICAL 20%

## ■ Why study Chemistry?

Chemistry is central to all the sciences. It is in the air you breathe; the water you drink; the food you eat; every thought a person has ever had; and every job of work a person does, even if it only involves holding a pencil or a piece of paper. Whilst a chemistry qualification is essential for some jobs, such as medicine or engineering. The study of chemistry is appreciated by many employers and universities who recognise the excellent analytical, problem solving and quantitative skills of chemistry students.

## ■ More details about IGCSE Chemistry at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Mr Hedley	CIE	Yes

## ■ Popular career paths for Chemistry graduates include

Pharmaceutical researcher	Medicine	Forensic scientist	Chemical Engineer
---------------------------	----------	--------------------	-------------------





人类通过想象制造出来的东西，每一份工作，都涵盖化学，哪怕只是一支铅笔或者是一张纸。同时，有一些工作必须要以化学基础作为入职条件，例如医药、化学工程师等。

Every thought a person has ever had; and every job of work a person does, even if it only involves holding a pencil or a piece of paper. Whilst a chemistry qualification is essential for some jobs, such as medicine or engineering



# 物理学科

## ■ 课程内容

IGCSE物理课程包括以下内容：物理量和测量、热物理学、波的性质、光和声、电和磁以及原子物理学等。

## ■ 评估方法

该课程的考试包括以下三个部分：

试卷 2	试卷 4	试卷 5
选择题 占总分 30%	理论考试 占总分 50%	实验技能测试 占总分 20%

## ■ 为什么学习物理？

IGCSE物理是任何想在大学学习工程类或物理类专业的学生必须学习的基础学科。对于想就读其他专业（比如经济或财政管理）的学生来说该科目同样重要，因为很多企业及大学都高度认为学习过物理的学生具有很强的分析解决问题及数据处理能力。

## ■ 关于本校的 IGCSE 物理课程

学科组长	考试机构	选择“三年制”的可否选择物理？
Mr Hedley	剑桥国际考试委员会	是

## ■ 物理相关专业的学生就业方向

科学研究	工程类	计算机相关工作	大学教师
------	-----	---------	------

# Physics

## ■ Course Content

At IGCSE students will study: Physical quantities and measurement; Thermal physics; Properties of waves; Light and sound; Electricity and magnetism, and Atomic physics.

## ■ Method of Assessment

The course consists of three examinations:

Paper 2	Paper 4	Paper 5
Multiple choice (extended) 30%	Theory (extended) 50%	Practical test 20%

## ■ Why study Physics?

IGCSE Physics is essential for anyone wishing to study engineering or Physics itself at university. For students with ambitions in other areas, such as business management or finance, the study of physics is respected by many employers and universities who recognise the excellent analytical, problem solving and quantitative skills of physics students.

## ■ More details about IGCSE Physics at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Mr Hedley	CIE	Yes

## ■ Popular career paths for Physics graduates include

Scientific research	Engineering	Computing	University teaching
---------------------	-------------	-----------	---------------------



### 物理趣事

构成世界上70亿人的所有物质能够压缩成一块方糖的大小！

### Interesting fact

The matter making up all 7 billion people in the world could fit in a sugar cube!



IGCSE物理是任何想在大学学习工程类或物理类专业的学生必须学习的基础学科。对于想就读其他专业（比如经济或财政管理）的学生来说该科目同样重要，因为很多企业及大学都高度认为学习过物理的学生具有很强的分析解决问题及数据处理的能力。

IGCSE Physics is essential for anyone wishing to study engineering or Physics itself at university. For students with ambitions in other areas, such as business management or finance, the study of physics is respected by many employers and universities who recognise the excellent analytical, problem solving and quantitative skills of physics students.





# 英语文学

# English Literature



## 英语文学趣事 Interesting fact

目前世界上价值最高的书是Geoffrey Chaucer (杰弗里 • 乔叟) 于1477年初次印刷出版的《坎特伯雷故事集》。1998年，此书真品的拍卖价高达4,621,500英镑 (约合人民币4700万元)。

The most expensive book ever sold is a copy of Geoffrey Chaucer's "The Canterbury Tales". First printed in 1477, an original copy of this book sold at auction for £4,621,500 (47M RMB) in 1998.

## 课程内容

所有IGCSE学生们都将有机会接触诸如散文、戏剧和诗歌等英语文本，同时该课程能培养学生理解、评价和对文学体裁做出学术性分析的能力。这门功课有助于帮学生更好地理解 and 欣赏英语写作名家们为表达他们对个人和全球事务的观点所采用的不同的写作形式和写作技巧。

## 评估方法

IGCSE 考试学生将需要完成 3 份试卷：

### 试卷 1

考查学生对散文和诗歌理解能力的阅读试卷 (占50%)

### 试卷 3

考查学生对戏剧文本分析能力的阅读试卷 (占25%)

### 试卷 5

一份课程作文集，与分析两篇已学文本相关 (占25%)

## 为什么学习英语文学？

英语文学的学习将促使学生成为具有深刻批判性思维的思考者。使学生能够细致并精确地分析、评价各种体裁的文本，并能够评价这些文本的文学意义。学生的学术写作能力也将随之提升，他们将有能力就自己从所读文本中获得的心灵感受进行质疑，并统合自己的思考和观点。

## 关于本校的 IGCSE 英语文学课程

学科负责人	考试机构	三年制学生是否可选英语文学？
Ms Brown	剑桥国际考试委员会	否

## 英语文学相关专业的学生就业方向

教师	记者	公共关系专员	软件工程师
----	----	--------	-------

## Course Content

At IGCSE the students will be given the opportunity to study a range of prose, drama and poetic texts whilst developing their ability to interpret, evaluate and respond academically to these texts. The course will develop students' understanding and appreciation of the different methods and techniques that English writers use to express meaning of personal and global issues.

## Method of Assessment

At IGCSE level the students are assessed through three examination papers:

- Paper 1 (50%) – A reading paper testing understanding of prose and poetry.
- Paper 3 (25%) – A reading paper testing students' ability to analyse a dramatic text.
- Paper 5 (25%) – A coursework portfolio based on two studied texts.

## Why study English Literature?

The study of literature allows students to become deep critical thinkers. Successful students can analyse and evaluate texts with care and precision. They can also consider the importance of these texts. Students will become strong academic writers who can question, consider and adapt their thoughts. Evolving ideas based on what they read and experience.

## More details about IGCSE English Literature at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Ms Brown	CIE	No

## Popular career paths for English Literature graduates include

Teaching	Journalism	Public Relations Executive	Software Engineer
----------	------------	----------------------------	-------------------

# 地理学科

## ■ 课程内容

IGCSE课程包括以下内容：  
IGCSE的地理主要学习三个方面的知识：1、人口和居住；2、自然环境（板块构造论、气候、海岸及河流）；3、经济发展和资源运用。

同时学习的相关技巧有：使用各类地图，理解所表达的意思；学习图片和相关数据分析；另外在去香港实地考察的旅途中，学生开展了土地使用的研究，并将采集的数据作为研究课题汇报。

## ■ 评估方法

地理考试包括三种考试试卷及一个研究课题汇报：

试卷 1	试卷 2
三大知识点的问答卷 (占45%)	地理数据分析和使用技巧 (占27.5%)
试卷 3	
研究课题汇报部分 (占27.5%)	

## ■ 为什么学习地理？

地理学是一门研究我们生活的世界、环境、经济和人类活动的学科，也探讨我们的世界与日常生活、未来这三个维度的关系。作为内容最广泛的学科之一，地理学是社会科学和物理科学的结合，学习地理学能帮助学生世界的运转方式有更深入的认识，也能培养他们大学生活及未来事业成功所需的高级技能及可转移技能等。

## ■ 关于本校的 IGCSE 地理课程

学科组长	考试机构	选择“三年制”的可否选择地理？
Ms Treanor	剑桥国际考试委员会	否

## ■ 地理相关专业的学生就业方向

国际关系	环境咨询	工程	灾难管理
------	------	----	------

### 地理趣事

2010 年，英国高等教育事业服务中心报道称学习地理专业的人士的失业率仅为 7.4%，低于平均失业率 8.9%。

# Geography

## ■ Course Content

The Geography IGCSE course is based on three key themes: Population and Settlement, Natural Environment (Plate Tectonics, Weather, Coasts and Rivers) and Economic Development and the Use of Resources. There is also a skills element - using and interpreting a variety of maps, photographs and other data sources. In addition, students will carry out research on the land use in Hong Kong during a fieldtrip and use this data to complete their coursework component.

## ■ Method of Assessment

Assessment consists of three exams and a coursework investigation:

- Paper 1 (45%) - written responses to questions on the course's three key themes.
- Paper 2 (27.5%) - a skills exam based on interpreting and utilizing geographical data.
- Paper 3 (27.5%) - the coursework component.

## ■ Why study Geography?

Geography is the study of the world we live in, its environment, economies and people, and the relationship between these three dimensions of our world, daily life and future. One of the most wide-ranging subjects, geography is a mix of social and physical sciences thereby providing students with a wider understanding of how the world works and a set of highly developed and transferable skills needed for success in university and their future careers.

## ■ More details about IGCSE Geography at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Ms Treanor	CIE	No

## ■ Popular career paths for Geography graduates include

International Relations	Environmented Consultant	Engineering	Hazard Management
-------------------------	--------------------------	-------------	-------------------





# 历史学科



## ■ 课程内容

IGCSE历史课程关注20世纪的全球历史。该课程从学习第一次世界大战开始(深度学习1918 - 1945年的德国)，然后学习20世纪的重大历史事件（核心内容为第一、第二次世界大战中间的时期及美苏冷战事件）。

## ■ 评估方法

评估的方法由三个考卷以及课程作业组成：

试卷 1	试卷 2	试卷 3
笔试回答2个核心内容主题及1个德国历史深度问题（占40%）	研究领域的相关问题-笔试回答1个20世纪历史主题相关的6个问题（占33%）	课程研究作业；学生将完成一篇关于德国1918 - 1945年历史事件的拓展性的论文（2000字，占27%）

## ■ 为什么学习历史？

历史学能帮助学生通过学习，了解过去发生的事情，以更好地认识现在这个世界。在提供学生机会锻炼及提高他们在大学中学习的关键技能的同时，历史学也促使学生发现世界文化的差异并建立同理心。

## ■ 关于本校的 IGCSE 历史课程

学科负责人	考试机构	选择“三年制”的可否选择历史？
Ms Treanor	剑桥国际考试委员会	否

## ■ 历史相关专业的学生就业方向

法律	记者 / 研究人员	研究分析师	考古学家
----	-----------	-------	------

# History

## ■ Course Content

The History IGCSE course is based on the study of 20th Century Global History. The course begins with the study of World War 1, (in-depth study of Germany, 1918 - 1945) and follows several major events of the 20th Century, (core content), including Inter-War periods and the Cold War between the USA and USSR.

## ■ Method of Assessment

Assessment consists of two exams and a coursework investigation.

Paper 1	Paper 2	Paper 3
Written responses to questions, two on core content and one on the in depth study, Germany. (40%)	Written paper answering 6 questions on 1 topic taken from the 20th century option. (33%)	Coursework. Students produce one piece of extended writing (2000 words) based on the in-depth study of Germany 1918 - 1945. (27%)

## ■ Why study History?

History enables students to learn about the past – that is, to understand the past and, through it, come to a far better understanding of the present. It promotes cultural awareness and understanding while giving students the opportunity to acquire and improve on many of the key skills which have been identified as a priority of higher education.

## ■ More details about IGCSE History at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Ms Treanor	CIE	No

## ■ Popular career paths for History graduates include

Law	Journalist / Researcher	Research Analyst	Archaeologist
-----	-------------------------	------------------	---------------

## 历史趣事 Interesting fact

关于历史有趣的事情：历史不是一成不变的，实际上它会随着时间而改变。随着新的科技和信息出现，我们对一些历史事件的理解会改变。我们在学校学的历史和以后在大学里学的历史也一样会改变。  
History is not set in stone, but in fact changes over time. As new techniques and information become available, our understanding of historical events changes, and so therefore does the History we learn in school and at university.

# 艺术与设计

## ■ 课程内容

IGCSE 艺术与设计课程培养学生用视觉方式表达想法的能力，鼓励学生：

- 一 培养创造性思维和想象的能力，通过艺术、工艺、设计沟通，以及自我表达的实践技巧
- 二 探究、分析、实验和解释的能力，审美理解和批判性思维能力
- 三 对当代和不同时期，抑或不同文化的艺术、工艺及设计的理解

## ■ 评估方法

学生将被要求提交12页A2纸大小的课程作业，并参加考试，在8小时内完成2个作品。

## ■ 为什么学习艺术与设计？

艺术和设计教给学生独立思考的能力，用创造思维解决问题。这些技能为学生将来从事艺术、设计、数字媒体和建筑设计打下良好的基础。

## ■ 选课要求

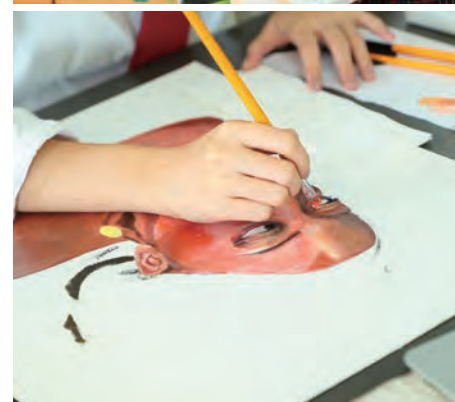
学生需要掌握基本的绘画技巧。

## ■ 关于本校的 IGCSE 艺术与设计课程

学科组长	考试机构
Ms Ferguson	剑桥国际考试委员会
选择“三年制”的可否选择艺术？	
否	

## ■ 艺术与设计相关专业的学生就业方向

平面、产品 及时尚设计	建筑	电影制作及摄影
绘画	游戏设计及动画制作	



# Art and Design

## ■ Course Content

IGCSE Art and Design is a means of expressing ideas visually and encourages learners to:

- 一 Identify and solve problems visually to communicate their intentions while recording from direct observation and experimenting with a variety of media and processes
- 二 Develop their creativity, visual awareness, critical and aesthetic understanding so that they can create an imaginative and creative visual response to a theme
- 三 Gain a greater understanding of the role of visual art in contemporary society and in other times and cultures

## ■ Method of Assessment

Each student must complete 12 A2 pages of coursework and two final pieces, one of which is completed during an 8 hour examination.

## ■ Why study Art and Design?

Art and Design enables students to become independent thinkers who can creatively solve problems. This prepares students for a variety of careers within the field of Art, Design, Digital Media or Architecture.

## ■ Entry Requirement

Students should be able to show they have a basic drawing ability.

## ■ More details about IGCSE Art and Design at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Ms Ferguson	CIE	No

## ■ Popular career paths for Art and Design graduates include

Graphic, Product or Fashion Design	Architecture	Filmmaking and Photography	Illustration	Gaming Design and Animation
---------------------------------------	--------------	-------------------------------	--------------	--------------------------------

## 艺术与设计趣事 Interesting fact

牛津大学有史以来录取的第一个中国国籍的纯艺术专业的学生是2013年珠海德威高中的毕业生。

The first ever student of Chinese nationality to study Fine Art at the University of Oxford was a graduate of Dulwich International High School Zhuhai in 2013.





音乐可以激发学生的创造力、表达能力以及沟通能力。相信通过音乐学科学习所掌握的这些能力也能转换和应用到生活中的其他领域。

Music develops students' creative, interpretive and communicative skills, skills which can be transferred to all areas of their lives.



# 音乐学科



## ■ 课程内容

IGCSE音乐学科将帮助学生学习和了解世界各地不同时期以及不同风格的音乐。同时也要学习作曲课程，并尝试进行音乐创作。此外，学生也将进一步学习提高他们相关乐器的表演技巧，并参与相关的团体表演。

## ■ 评估方法

- 听力考试：40%；学生将在学期末参加75分钟时长的音乐鉴赏听力考试。
- 课题作业：60%；
  - 音乐表演：30%；要求学生录制独奏及合奏2种音乐表演。
  - 作曲：30%；要求学生自选且不限音乐风格创作2个音乐作品。

## ■ 为什么学习音乐？

通过学习音乐，学生能充分发展未来事业所需的技能，包括创造力、团队合作能力、问题解决能力、原则性阐释及沟通能力。所以，音乐学科是大学及企业都非常重视的学科。

## ■ 选课要求

选择音乐科目的学生要求至少有两年以上学习乐器的经历，此科目不适合没有音乐学习经历的学生学习。

## ■ 关于本校的 IGCSE 音乐课程

学科组长	考试机构	选择“三年制”的可否选择音乐？
Mr Shellard	剑桥国际考试委员会	是

## ■ 音乐科目毕业可就业方向

表演	作曲	教育	艺术管理
----	----	----	------

# Music

## ■ Course Content

IGCSE Music students gain an understanding of the historical periods and styles of music from different parts of the world. They are introduced to free creative composition work and are given an opportunity to write music in a style of their choice. Students also have the chance to develop their performance skills on their chosen instrument, as well as participate in groups.

## ■ Method of Assessment

- 40% Listening Exam: Students will take a 75 minute exam at the end of the course testing them on a range of music. This is externally assessed.
- 60% Coursework
  - 30% Performance: Students will record a solo piece and a piece as part of an ensemble. This is internally assessed.
  - 30% Composition: Students will write 2 contrasting pieces of music in any style. This is internally assessed.

## ■ Why study Music?

Through the study of music, students are able to develop many transferrable skills that employers look for. These include creativity, team work, problem solving, discipline, as well as interpretive and communicative skills. For this reason music is a well-respected university subject that can lead to a broad number of careers.

## ■ Entry Requirement

Students who choose music should have had at least 2 years of instrumental lessons. This course is not for students with no musical experience at all.

## ■ More details about IGCSE Music at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Mr Shellard	CIE	Yes

## ■ Popular career paths for Music graduates include

Performing	Composing	Teaching	Arts Administration
------------	-----------	----------	---------------------

音乐趣事 Interesting fact

英国工业联合会概括出定义就业能力的七项技能：自我管理能力和团队合作能力、业务及客户服务意识、问题解决能力、沟通能力，计算能力和计算机使用技能。学习音乐的学生都发展了以上7种技能，在就业上极具优势。

The Confederation of British Industry outlined the seven skills that define employability: self-management, team work, business and customer awareness, problem solving, communication, numeracy, and IT skills. Music students develop all seven of these, making them among the most employable of all.



# 体育学科

## ■ 课程内容

课程包括以下内容：

一	解剖学及生理学	三	技能及心理学
二	保健、健身及锻炼	四	社会、文化及道德对体育的影响

## ■ 评估方法

根据以下的方法进行评估：

试卷 1	方法 2
理论 (50%) – 100 分	实操 (50%) – 100 分 (方法2是选择4项运动进行评估)

## ■ 为什么学习体育？

IGCSE体育为众多学科的学习提供了良好的基础。大学及雇主都偏好对体育有兴趣的人，它可以代表一个人计划、执行及有效评估任务的能力。

某些美国大学是可以给予体育精英部份或者全额的奖学金的。

## ■ 关于本校的 IGCSE 体育课程

学科组长	考试机构	选择“三年制”的可否选择体育？
Mr. Sweeney	剑桥国际考试委员会	否

## ■ 体育相关专业的学生就业方向

体育科学家	物理治疗	生理学家/人体运动学家	运动心理学家	体育老师	职业体育教练
-------	------	-------------	--------	------	--------



# IGCSE Physical Education (PE)

## ■ Course Content

Students will study different aspects of sport including:

- Anatomy and physiology
- Health, fitness and training
- Skill acquisition and psychology
- Social, cultural and ethical influences on sport

## ■ Method of Assessment

The course is assessed in the following way:

Paper 1	Component 2
Theory (50%) – 100 marks	Coursework (50%) – 100 marks

Component 2 is broken down into the assessment of practical performance in 4 sports, across at least two of seven categories.

## ■ Why study IGCSE PE?

IGCSE PE provides an excellent foundation for advanced study across many subjects. Universities and employers are actively seeking candidates who have a keen interest in sport, as it demonstrates an ability to plan, execute and evaluate tasks effectively.

Full or partial scholarships may be available to elite level performers in some US Universities.

## ■ More details about IGCSE PE at Dulwich International High School Zhuhai

Subject Head	Exam Board	Fast Track option?
Mr Sweeney	CIE	No

## ■ Popular career paths for PE graduates include

Sports Scientist	Physiotherapy	Physiologist / Kinesiologist	Sports Psychologist	PE Teacher	Professional Sports Coach
------------------	---------------	------------------------------	---------------------	------------	---------------------------

### 体育趣事 Interesting fact

你是否知道研究指出持之以恒并适当的中高强度运动对脑神经是很好的锻炼，对一个人的学习表现有正面影响。

Did you know that regular participation in moderate to high intensity physical activity has a direct positive effect on neurological development and academic performance?



# 课外实践

优秀的学术成绩是珠海德威国际高中的坚守，但是我们相信良好的教育不仅仅是简单的书本和课堂。我们提供广泛的活动，并且希望学生能像在课堂一样，表现出自己课外活动的热情。我们提供的许多活动面向来自德威大家庭的全体学校的学生，由国际顶尖大学专门为德威学生量身设计。

课外实践包含的具体活动内容如下：

一	爱丁堡公爵国际奖章项目
二	莎士比亚戏剧节
三	德威学院辩论赛
四	国际学校音乐节
五	珠三角论坛比赛
六	德威奥运会
七	牛津大学数学家研习班
八	模拟联合国
九	德威校际音乐节
十	世界学者杯比赛

除此以外，我们每周都举办许多常规活动，丰富学生的体育、文化、音乐以及学习生活，同时给机会让他们发展各种兴趣爱好。比如：管弦乐团、合唱、戏剧、辩论、足球、篮球、羽毛球、计算机编程、飞机模型制作、政经俱乐部等，还有名目繁多的学生社团活动，学生通过组建和管理社团，发展爱好的同时也培养领导才能。

课外活动里还有一个重要组成部分是“社区服务”。我们通过义工、慈善筹款、清洁环境、拜访老人院和孤儿院等活动引导学生关爱社会。

课外实践不仅是全人教育的基础之一，同时也是确保可以申请名校的条件之一。美国的大学尤甚，他们总是在寻找那些能丰富其校园生活的学生，并把他们作为候选人。各大名校已印证了他们的候选人不仅要有突出的学术成绩，而且还要求他们在其他领域获得成功并承担义务。



# Co-Curricular Activities

Whilst academic excellence is a non-negotiable part of life at Dulwich International High School Zhuhai, we believe there is much more to a good education than simply textbooks and classrooms. We offer a wide range of activities and expect students to show just as much passion outside of the classroom as in it. Many of the activities we offer involve students from across the Dulwich College family of schools, with many specifically designed by leading International Universities, solely for Dulwich students.

Our co-curricular activities include specific activities such as:

- The Duke of Edinburgh International Award
  - The Dulwich College Debating contest
  - Pearl River Conference Competitions
  - The Oxford Mathemagicians workshops
  - The Dulwich Festival of Music
- The Shakespeare Drama Festival
  - The ISCMS Music festival
  - The Dulwich Olympiad
  - Model United Nations
  - World Scholar's Cup

As well as these major events, the school also runs weekly co-curricular activities for students to participate in. These after school activities are designed to extend students’ sporting, cultural, musical and academic skills, as well as allow them to pursue interests they are passionate about. There are a wide number of options to choose from including; orchestra, choir, drama, debating, football, basketball, badminton, computer programming, model airplane building and the politics and economics society, to name just a few. These co-curricular activities also allow students to develop their leadership skills through student-run activities. These activities are proposed, developed and organised by students so they can pursue subjects that are of interest, as well as provide a platform for leadership development.

Integral to our co-curricular programme is the notion of ‘service’. We expect all our students to develop an empathy towards those who are less fortunate than them and to help others. We organise charity performances, environmental clean-up activities, visits to homes for the elderly, orphanages and fund-raising events for children in need.

Besides being fundamental to a holistic education and developing well-rounded individuals, the co-curriculum is also important in securing places at leading Universities. American Universities are looking for applicants who can enrich the quality of campus life. It is taken for granted that applicants will have outstanding academic grades so evidence of success and commitment in other areas is also required.

