



# “中文+智能生物” 大工华大国际暑期学校招生简章

## "Chinese + Intelligent Bioengineering" DUT-BGI International Summer School



**大连理工  
大学排名  
DUT Rankings**

**292** 位

2024年U.S News  
世界大学排名  
Best Global  
Universities in  
2024 U.S News  
Ranking

**63** 位

2024年U.S News  
亚洲大学排名  
Best Global  
Universities  
Asiain 2024 U.S  
News Ranking

**20** 位

2024年内地高  
校排名  
Best Universi-  
ty in China in  
2024 Ranking

**1%**

4个学科领域位列  
ESI世界排名前  
1%  
4 disciplines are  
selected into the  
top 1% in ESI

**1%**

13个学科领域位  
列ESI世界排名前  
1%  
13 disciplines  
are selected  
into the top 1%  
in ESI

以融合生物科学与人工智能为核心, 设计“学术探索+文化体验+产业实践”三维一体课程, 体验中国在以下领域的创新成果:  
Centered on the integration of bioscience and artificial intelligence, this program features a trinity curriculum combining:  
Academic Exploration+Cultural Immersion+Industrial Practice. Participants will experience China's groundbreaking innovations in:

**智能基因科技  
Intelligent Genomics**

**精准医学  
Precision Medicine**

**绿色农业  
Sustainable Agriculture**

### ● 科研前沿 /Cutting-edge:

生物智能计算与硬件 | AI驱动的合成生物学 | 智能生物智造  
Bio-intelligent computing and hardware  
AI-driven synthetic biology  
Intelligent bio-manufacturing

### ● 实践体验 /Hands-on Projects:

基因优化编辑 | 生物大数据建模 | 脑机接口开发  
gene editing optimization  
biological big data modeling  
brain-computer interface development

## 华大BGI

华大成立于1999年  
秉承“基因科技造福人类”的使命  
怀抱“健康美丽, 做生命时代的引领者”的愿景  
以“产学研”一体化的发展模式引领基因组学的创新发展

Founded in 1999, BGI dedicate to “Omics for all”  
Advancing innovation through an integrated  
research-education-industry model.

**根据自然指数年度榜单,  
华大连续9年蝉联亚太生命科学机构榜首, 全球排名第8**  
**NATURE INDEX: BGI TOPS ASIA-PACIFIC LIFE SCIENCES CORPORATION FOR THE 9<sup>TH</sup>**  
**CONSECUTIVE YEAR AND RANKS 8<sup>TH</sup> GLOBALLY.**

华大集团官网 / BGI Group Website: <https://www.genomics.cn/>

华大学院官网 / BGI College Website: <https://en.bgi-college.cn/>

**项目采取“大连+深圳”双城联动模式, 全英文授课**

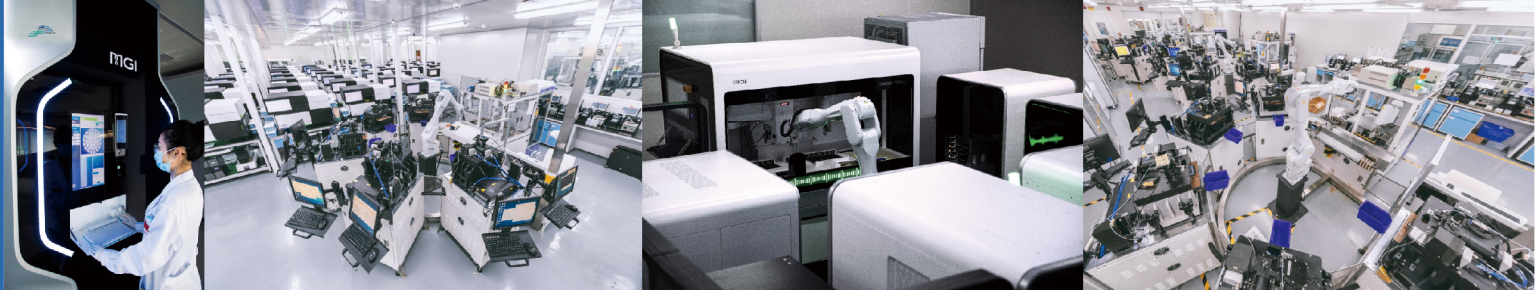
The program adopts a "**Dalian + Shenzhen**" dual-city model  
with full **English instruction**

**项目时间:** 7月13日-8月3日, 2周大连+1周深圳 / **Time:** July 13 to August 3, 2-week @ Dalian +1-week @ Shenzhen

**住宿安排:** 大连理工大学/深圳华大时空中心 国际学生宿舍 /

**Accommodation:** DUT/BGI Shenzhen International Students Dormitory





**招生范围:** 本科生、硕士研究生, 同时欢迎对生命科学和生物工程有浓厚兴趣、志向远大的高中生踊跃报名。

**Enrollment Scope:** Undergraduate and master's students. Highly motivated high school students with a strong interest in life sciences and bioengineering are also warmly welcomed to apply.

项目/Items	@DUT	@BGI
注册费/Enrollment Fee	含/Included	499 CNY 录取后交纳/Fee is to be paid upon admission
学费/Tuition	6,999 CNY	9,699 CNY (1,329 USD)
住宿费/Accommodation		含/Included
活动及文化体验费/Activities Fee		含/Included
接送机/Pick-up & Drop-off		含/Included
保险、伙食、自选活动/Insurances, Meals, Optional Activities		不含/Not Included

- 优秀学生可申请项目学费减免/Outstanding students may apply for tuition waivers.
- 参与者可选是否增加1周进入华大科研团队实践, 与顶尖科研和研发团队合作, 获得实践证明、职业体验、推荐信; 学业表现优异的学生, 有费用减免机会(需额外申请并通过审核/面试)。Participants may opt for an additional one-week research internship with BGI's top-tier scientific teams, gaining hands-on experience, professional certification, and recommendation letters. Outstanding students may apply for partial/full fee waivers (subject to additional review/interview). 费用为10,099 CNY (1,399 USD) / The program fee is CNY 10,099 (USD 1,399).

#### 大工华大国际暑期学校还提供以下奖学金/Financial Supports for DUT-BGI International Summer School

- 择优授予大连到深圳机票奖学金最高2000元/Travel Awards of up to 2,000 CNY for flight from Dalian to Shenzhen. (Ticket prices are around 2000 CNY)
- 华大中塞奖学金/BGI Serbia-China Scholarship 该项目将为入选的塞尔维亚学生提供每人最高1000欧元的差旅补助。Travel Awards of up to EUR 1,000 each for Serbian students

#### 项目亮点 / Program Highlights

##### ● 权威认证 Prestigious Certification

由一流大学和企业共同签发的暑期学校证书  
Summer School Certificate co-awarded by world-class universities and industry leaders

01

##### ● Industry Immersion 行业深度体验

深入行业前沿, 与行业专家一对一交流, 获得职业指导  
Go behind the scenes of cutting-edge industries with exclusive 1:1 sessions featuring expert career coaching

02

##### ● Global Cohort Experience 全球精英社群

与来自全球的学生共同学习, 拓展国际视野, 建立跨文化友谊。  
Collaborate with elite peers worldwide to expand your professional network while building lifelong international friendships

03

##### ● 独家机会 Exclusive Opportunities

仅限50名学生, 名额有限, 先到先得!  
Only 50 selective seats available - Apply now to secure your spot!

04

与行业顶尖专家一对一交流, 机会难得!  
Rare 1:1 access to industry pioneers and visionaries

参与独家科研项目, 积累独一无二的实践经验。  
Breakthrough research projects delivering unmatched hands-on learning

#### 日程亮点 / Highlights of the Schedule

##### 大平台·大科学·大民生 | Big Platform, Big Science, Holistic Livelihood

测序技术的发展历程、技术创新与突破 | 人类基因组计划的前世今生 | 组学技术应用  
Sequencing technology: History, Innovation and Breakthrough | Human Genome Project: Past, Present and Future  
Omics Technologies Applications: Birth Defects, Tumors, Infectious Diseases

##### 全流程实验工坊 | End-to-End Genomics Lab

DNA提取-测序-分析全流程 | 海内外民生案例研讨 | 圆桌论坛畅谈学术与职业发展  
Complete Workflow: DNA Extraction - Sequencing - Analysis | Case Studies of People's Livelihoods at China and Abroad  
Roundtable Forum on Academic and Career Development

##### 未来地标巡礼 | Future Landmarks Tour

国家基因库 | 华大万物农业基地 | 大鹏所城 | 滨海漫步  
China National GeneBank  
BGI Bioverse Agricultural Base  
Dapeng Fortress | Marina Walk

Information  
信息咨询

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