



中国地质大学

CHINA UNIVERSITY OF GEOSCIENCES

北京·BEIJING



2023
2023
年来华留学生
博士研究生
招生简章

**2023 Enrollment Guide of China University of
Geosciences (Beijing) for International
Students of Doctor's Programs**

中国地质大学（北京）

2023年来华留学生博士研究生招生简章

北京·BEIJING

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学校概况

中国地质大学（北京）坐落于名校荟萃的北京海淀区学院路，是享誉海内外的著名高等学府。学校是教育部直属并与自然资源部共建的全国重点大学，2017 年进入国家“双一流”大学建设行列。

中国地质大学（北京）1952 年由北京大学、清华大学、天津大学和唐山铁道学院等院校的地质系（科）合并组建的北京地质学院发展而成，是一所特色鲜明、底蕴深厚的大学。1960 年成为全国重点高校。1970 年迁校，1978 年在邓小平同志直接关怀下，在北京原校址恢复办学。1987 年组建中国地质大学，在京汉两地相对独立办学，是我国首批试办研究生院的 33 所高校之一，并首批进入国家“211 工程”、国家“985”优势学科创新平台建设行列。2000 年 2 月，中国地质大学由国土资源部整体划转教育部管理。2005 年 3 月，大学总部撤销，京汉两地独立办学。

学校始终弘扬地质报国优良传统，肩负社会主义建设开路先锋的光荣使命，培养了大批经济建设急需的地质专门人才，为新中国工业的腾飞和地质事业的发展做出了不可磨灭的贡献，淬炼出了愈挫弥坚、刚健勇毅的鲜明品格，形成了“心向党、爱祖国、能吃苦、做先锋、敢探索”的价值追求。

中国地质大学（北京）现有 16 个学院、44 个本科专业，16 个一级学科博士学位授权点，34 个一级学科硕士学位授权点，15 个专业学位授权类别。全日制在校生 17208 人，其中本科生 8412 人、硕士研究生 6646 人、博士研究生 1960 人、留学生 190 人。学校占地面积 525843 平米，在周口店、北戴河、河北平泉建有实习基地。

中国地质大学（北京）是一所以地质、资源、环境为主要特色的研究型大学，涵盖理、工、文、管、经、法等多个学科。地质学、地质资源与地质工程 2 个学科入选国家“双一流”建设学科、2 个学科在第四轮

学科评估中获得 A+。地球科学、工程学、材料科学、环境与生态学、计算机科学、化学、一般社会学等 7 个学科领域进入 ESI 排名全球前 1%，地球科学、工程学 2 个学科领域进入前 1‰。

中国地质大学（北京）拥有一支高水平师资队伍，现有教职工 1691 人，专任教师 983 人，其中教授 283 人，副教授 375 人，博士研究生指导教师 401 人。学校有中国科学院院士 11 人，中国工程院院士 2 人，国家级百千万人才工程 9 人，国家杰出青年科学基金获得者 15 人，国家级教学名师奖获得者 1 人，全国优秀教师 2 人，全国高校黄大年式教学团队 1 个，国家级教学团队 1 个，国家优秀青年科学基金获得者 16 人，北京市教学名师 26 人，北京市青年名师 5 人，建有 15 个博士后科研流动站。

中国地质大学（北京）人才培养声誉卓著。学校始终把立德树人作为根本任务，为国家培养了二十余万优秀人才，涌现出以温家宝同志为代表的一大批精英翘楚，44 位毕业生当选两院院士，200 余人成为省部级以上劳动模范。学校坚持以“品德优良、基础厚实、知识广博、专业精深”的高素质创新人才为培养目标，坚持人才培养中心地位和本科教育基础地位，形成“通识教育、专业教育和创新创业教育”相融合的教育体系。国家级一流本科专业建设点 25 个，北京市级一流本科专业建设点 10 个。学校建有 2 个国家级实验教学示范中心、1 个国家级虚拟仿真实验教学中心。学生参加各类学科竞赛、志愿服务、社会实践、创新创业和文艺体育比赛成绩优异。

中国地质大学（北京）是国家地学研究的重要基地。学校加强科学布局和组织策划，在科研项目、高水平学术成果、科研获奖、科研人才培养、科研平台建设及知识产权和成果转化等方面成绩显著。在青藏高原地质演化、非传统同位素地球化学、地质过程与成矿作用、超深钻探和极地研究等方面取得了重要成果，在 Nature、Science、Nature Geoscience 等国际顶级期刊上发表了多篇论文。近五年，学校以第一完成单位获得

国家级科技奖 1 项，省部级科技奖 24 项。2021 年，国家自然科学基金获批 118 项，历史上首次破百。学校拥有地质过程与矿产资源国家重点实验室、国家岩矿化石标本资源共享平台以及教育部、自然资源部重点实验室、工程中心和省部级科研平台 19 个。学校将推进大学科融合、大科学计划、大科学装置、大科技项目、大资源平台、大自然文化、大校区建设等“七大”建设，推动传统地学向地球系统科学转型升级。

中国地质大学（北京）国际交流与合作活跃。学校已与美国加州大学洛杉矶分校、科罗拉多矿业学院，加拿大滑铁卢大学，英国爱丁堡大学、伯明翰大学，德国汉诺威大学、波兹坦地学中心，澳大利亚悉尼大学、麦考瑞大学等一批世界一流大学和高水平研究机构签订合作协议，与超过 60 个国家和地区的 200 多所院校及科研机构有交流合作关系，获批高等学校学科创新引智基地（“111 计划”）5 项，执行国家级引智项目 13 项。学校依托“中非高校 20+20 合作计划”，在纳米比亚大学建有孔子学院。

迈进新时代，阔步新征程。中国地质大学（北京）坚持以习近平新时代中国特色社会主义思想为指导，秉承“艰苦朴素，求真务实”的校训，践行面向建校百年之际的“三阶段”战略构想，坚持立德树人，实施“落地行动”，坚定不移走内涵式发展道路，聚精会神抓建设，一心一意求发展，不断开创地球科学领域世界一流大学建设新局面，为实现第二个百年奋斗目标和中华民族伟大复兴的中国梦做出新的更大贡献！

（统计数据截止 2021 年 12 月 31 日）

**表 1 中国地质大学（北京）
来华留学生研究生招生学科一览表（中文授课）**

学科门类	学科代码	学科名称	招生类型
经济学	0202	应用经济学	硕士、博士
教育学	0403	体育学	硕士
文学	0502	外国语言文学	硕士
理学	0701	数学	硕士
	0702	物理学	硕士
	0703	化学	硕士
	0707	海洋科学	硕士、博士
	0708	地球物理学	硕士、博士
	0709	地质学	硕士、博士
	0710	生物学	硕士
工学	0805	材料科学与工程	硕士、博士
	0810	信息与通信工程	硕士
	0811	控制科学与工程	硕士、博士
	0812	计算机科学与技术	硕士
	0814	土木工程	硕士、博士
	0815	水利工程	硕士、博士
	0816	测绘科学与技术	硕士、博士
	0818	地质资源与地质工程	硕士、博士
	0820	石油与天然气工程	硕士、博士
	0830	环境科学与工程	硕士、博士
	0837	安全科学与工程	硕士、博士
管理学	1201	管理科学与工程	硕士、博士
	1202	工商管理	硕士
	1204	公共管理	硕士、博士
艺术学	1305	设计学	硕士

**表 2 中国地质大学（北京）
来华留学生研究生招生学科一览表（英文授课）**

学科门类	学科代码	学科名称	招生类型
经济学	0202	应用经济学	硕士、博士
教育学	0403	体育学	硕士
理学	0707	海洋科学	硕士、博士
	0708	地球物理学	硕士、博士
	0709	地质学	硕士、博士
	0710	生物学	硕士
工学	0815	水利工程	硕士、博士
	0816	测绘科学与技术	硕士、博士
	0818	地质资源与地质工程	硕士、博士
	0820	石油与天然气工程	硕士、博士
	0830	环境科学与工程	硕士、博士
管理学	1201	管理科学与工程	硕士、博士
	1202	工商管理	硕士

表 3 各学院博士研究生招生情况一览表

院系代码	院系名称	招生专业	博士 (中文授课)	博士 (英文授课)
301	地球科学与资源学院	地质学	√	√
		地质资源与地质工程	√	√
		环境科学与工程	√	√
302	工程技术学院	土木工程	√	
		安全科学与工程	√	
		地质资源与地质工程	√	√
303	材料科学与工程学院	材料科学与工程	√	
304	信息工程学院	测绘科学与技术	√	
		控制科学与工程	√	
305	水资源与环境学院	地质学	√	√
		水利工程	√	√
		地质资源与地质工程	√	√
		环境科学与工程	√	√
306	能源学院	地质资源与地质工程	√	√
		石油与天然气工程	√	√
307	经济管理学院	应用经济学	√	√
		管理科学与工程	√	√
310	地球物理与信息技术学院	控制科学与工程	√	
		地球物理学	√	√
		地质资源与地质工程	√	√
311	海洋学院	海洋科学	√	√
312	土地科学技术学院	公共管理	√	
		测绘科学与技术	√	√
319	数理学院	材料科学与工程	√	
		控制科学与工程	√	
501	科学研究院	地质学	√	√
		地质资源与地质工程	√	√

2023 年来华留学生博士研究生招生简章

学校名称: 中国地质大学(北京)

学校代码:11415

通讯地址: 北京市海淀区学院路 29 号

邮政编码:100083

联系电话: +86-10-82321210, +86-10-82322951

联 系 人: 国际合作与交流处

一、招生计划

我校可以接收来华留学生的层次包括博士研究生、硕士研究生、本科生、汉语进修生、高级进修生和普通进修生。可以接收中国政府奖学金来华留学生和北京市外国留学生奖学金留学生。

二、申请时间

自费留学生: 2022 年 10 月 15 日至 2023 年 6 月 30 日, 请尽早申请。

申请中国政府奖学金学生: 2022 年 10 月 15 日至 2023 年 2 月 15 日, 请尽早申请。

三、申请条件

1. 身心健康、遵纪守法并持有有效护照的外国公民。
2. 博士申请者不超过 40 周岁。
3. 博士申请者应具有与中国硕士学位相当的学历。
4. 申请我校中文授课专业学习, 应具有 HSK-4 级(含)以上汉语水平证书。申请我校英语授课专业学习, 应具备相应语言能力。

四、申请者需提供以下材料

1. 入学申请表。

(下载链接: <https://gjhzc.cugb.edu.cn/c/2021-09-10/698475.shtml>)

2. 学历证书：本人最高学历证书的复印件（须公证）或大学提供预毕业证明。

3. 成绩单：本人最高学历成绩单（须公证）的原始件。

4. 来华学习（研究）计划。要求 1000 字以上（申请硕士建议学习计划 2000 字以上，申请博士建议学习计划 2500 字以上），内容包括学习意愿、对中国及申报学校的认识、学习背景、学习能力、对所申报专业的理解、未来发展规划等。学习（研究）计划由拟申报导师审核，让导师了解学生学习方向及专业背景。

5. 推荐信 2 份。要求内容规范、有深度。

6. 申请者护照复印件。

7. 外国人体格检查记录。（可用“健康声明”代替）

8. 语言能力证书。

9. 无犯罪记录证明。（可用“无犯罪声明”代替）

10. 经济担保人有效证件的复印件。（自费生需要提供）

11. 2 寸蓝色背景彩色照片电子版，入学报到后须提交同版 10 张纸质版照片。

五、学制与学习费用

1. 学制：博士研究生 4 年

2. 报名费：人民币 500 元 / 人。

3. 学费：博士研究生一学年人民币 35000 元

4. 住宿费：

我校留学生公寓都配备单独卫生间、淋浴和空调设施等，有公共洗衣房。每个房间住 2 人，每人每月 1200 元-1500 元。住宿费可以按学期缴纳或按月缴纳。

热水费：洗澡热水 0.2 元/分钟，注册水费账号并充值，登录账号使用。

洗衣费：3~5 元/次，公共洗衣机手机扫码支付。

电费：免费用电额度为 10 度/人/月，超出限额后自行购买。

网络费：校园网按流量收费 5 元/10G。

留学生也可以自由选择租住其它形式的房间，在我校周围较容易找到这种房子。租房的房价一般为一室一厅人民币 4500~6000 元/月，两室一厅人民币 6000~8000 元/月，房费一般为三个月或者半年缴纳一次。

5. 医疗保险费：

来华留学生医疗保险为强制性保险，每个在我校学习的留学生必须购买。费用：800 元/ 人/年

六、奖学金

1. 中国政府奖学金

中国政府奖学金（Type A）

申请者须直接通过当地大使馆或总领馆提交申请，中国驻外使领馆的联系方式，请通过中国外交部网站进行查询。申请时间一般为当年 11 月至次年 4 月。填写《中国政府奖学金申请表》时，须在“申请院校”的第一志愿处填写“中国地质大学（北京）”。建议申请者在确认收到我校预录取通知书后，再向驻外使领馆提出申请，申请截止日期等相关信息以驻外使领馆为准。

中国政府奖学金（Type B）

（1）全额奖学金内容： 学费、住宿费、综合医疗保险及生活费
生活费资助标准：

本科生：2500 元/ 月

硕士研究生：3000 元/ 月

博士研究生：3500 元/ 月

（2）申请条件：

①身心健康、遵纪守法并持有有效护照的外国公民

②本科申请者不超过 30 周岁，硕士申请者不超过 35 周岁，博士申

请者不超过 40 周岁。

③本科申请者应具有高中学历，硕士申请者应具有与中国学士学位相当的学历，博士申请者应具有与中国硕士学位相当的学历。

④申请中文授课专业，应具有 HSK-4 级（含）以上汉语水平证书；申请英文授课专业，应具备相应英文语言能力证书。

（3）如何申请：

①登录 <https://studyinchina.csc.edu.cn/>，注册并按照规定要求上传材料。

②中国地质大学（北京）代码为：11415；申请奖学金项目类型请统一选择：B

Program Category Type B, Agency No.: 11415

③登录 <https://cugb.17gz.org/>，注册并按照规定要求上传申请材料。

2. 北京市外国留学生奖学金

自费留学生录取报到后可直接到相关院系申请。

七、住宿、就餐、学习条件

1. 住宿条件：

学校为留学生提供在校留学生公寓住宿，每个房间均住 2 人。所有房间都配备可以上国际网的终端，房间内有单独卫生间、淋浴设施等。公寓内设有公共洗衣房。

2. 就餐条件：

留学生在我校学习可办理校园一卡通，可选择在多个学生餐厅刷卡就餐，我校设有专门的穆斯林餐厅。

3. 教室条件：

学生上课在不同的教学楼。

八、国际合作与交流处联系方式

联系人：黄煦

电话: +86-10-82321210; +86-10-82322951

传真: +86-10-82322951

电子邮件: huangxu@cugb.edu.cn

办公地点: 中国地质大学(北京)综合办公楼 415 房间

邮寄地址: 北京市海淀区学院路 29 号, 中国地质大学(北京)国际合作与交流处; 邮政编码: 100083;

网站: <https://bm.cugb.edu.cn/gjhyjy-en/study-in-cugb/admission/>

表 4 招生学院联系方式

院系代码	学院	姓名	电话号码	电子邮箱
301	地球科学与资源学院	张老师	+86-10-82322264	zhangqian@cugb.edu.cn
302	工程技术学院	李老师	+86-10-82322624	925752921@qq.com
303	材料科学与工程学院	宋老师	+86-10-82322972	songyuan@cugb.edu.cn
304	信息工程学院	朱老师	+86-10-82323183	1640993019@qq.com
305	水资源与环境学院	陈老师	+86-10-80323917	chenliuyi@cugb.edu.cn
306	能源学院	肖老师	+86-10-82322754	xiaochang@cugb.edu.cn
307	经济管理经学院	张老师	+86-10-82322518	zhangjiextso@163.com
308	外国语学院	张老师	+86-10-82322423	zhangshuoalice@163.com
309	珠宝学院	胡老师	+86-10-82322227	huzhe@cugb.edu.cn
310	地球物理与信息学院	李老师	+86-10-82321889	liting@cugb.edu.cn
311	海洋学院	孙老师	+86-10-82322162	nysunxiaowei@126.com
312	土地科学技术学院	牛老师	+86-10-82321807	yalin332@126.com
314	体育部	李老师	+86-10-82323861	249248948@qq.com
319	数理学院	李老师	+86-10-82323426	zx2020@cugb.edu.cn
501	科学研究院	郑老师	+86-10-82323419	keying@cugb.edu.cn

301 地球科学与资源学院

School of Earth Sciences and Resources

地球科学与资源学院成立于 1952 年北京地质学院建校之初，是中国地质大学中历史最为悠久、师资力量最为雄厚的学院。在 69 年的风雨历程中，学院形成了重视教学、崇尚科学、求真务实、追求卓越的良好风尚。学院人才荟萃，拥有一批国内外著名的专家学者，包括中科院院士 8 人，博士生导师 95 人，硕士生导师 139 人。他们中有国家级人才计划入选者 16 人，全国优秀教师 2 人，全国高等学校教学名师 1 人，北京市教学名师 11 人。

学院拥有地质学和地质资源与地质工程两个国家“双一流”学科建设的 11 个主流方向，即：矿物学、岩石学、矿床学、地球化学、古生物学与地层学、构造地质学、第四纪地质学、行星地质与比较行星学、地球生物学、矿产普查与勘探、地球探测与信息技术、资源产业经济、资源与环境遥感。学科面向地球物质科学、地球表层科学和地球动力学三大学科群，具有明显的优势和特色。已有 1 个高等学校创新引智基地(“111”)和 1 个国家创新研究群体，国家级教学团队 1 个，省部级教学团队 4 个、黄大年式教学团队 1 个。建有国家重点实验室 1 个、国家实验教学示范中心 2 个、北京市教学示范中心 2 个。学科紧密围绕国家战略目标和国家经济社会发展需求，瞄准国际地学研究中的重大科学问题，开展前沿性、基础性和应用性研究，引领我国地质学发展，取得多项具有国际先进水平的原创性成果，成为全球最优秀的地质学人才培养基地之一。

学院始终坚持以“品德优良、基础厚实、知识广博、专业精深”为人才培养目标，目前在校博士研究生 600 余人，硕士研究生 1150 余人，留学生 40 余人。每年邀请国内外知名专家和大师级学者到我院进行学术交流，与学生共同探讨国内外前沿课题。每年选送数十名研究生赴国外公派留

学或联合培养，同时聘请国内外知名学者协助指导研究生，为研究生提供了很多便利的国内外学术交流的平台，研究生年均学术成果达到 200 多项。设立全国“李四光优秀学生奖”以来，我院有 10 多名研究生荣获全国“李四光优秀学生奖”。69 年来，我院培养了大批高级顶尖人才，包括中国科学院院士和中国工程院院士 20 多名，许多优秀毕业生成为高等学校和科研院所的科技骨干、教育专家和管理专家，部分拔尖人才已成为党和国家政府部门的领导人。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
301	地球科学与 资源学院	地质学	陈家玮 程志国 邓 军 李国彪 李小伟 梅冥相 孟 俊 邱昆峰 邱 亮 孙 祥 唐 利 王成善 王 达 王银宏 席党鹏 邢立达 徐林刚 薛胜超 颜丹平 杨桂芳 袁国礼 张 达 张建平 张世红 张招崇 赵志丹 M.Santosh; Richard Goldfarb
		地质资源与地质 工程	成秋明 邓 军 侯 通 李小伟 邱昆峰 唐 利 王 达 席党鹏 邢立达 徐林刚 Richard Goldfarb
		环境科学与工程	袁国礼

来华留学生研究生指导教师名单（英文授课）

院系代码	院系名称	学科名称	指导教师
301	地球科学与 资源学院	地质学	陈家玮 程志国 邓 军 李国彪 梅冥相 孟 俊 邱昆峰 邱 亮 唐 利 王成善 王 达 王银宏 席党鹏 邢立达 徐林刚 薛胜超 颜丹平 杨桂芳 袁国礼 张 达 张建平 张世红 张招崇 赵志丹 M.Santosh; Richard Goldfarb
		地质资源与地质 工程	成秋明 邓 军 侯 通 邱昆峰 唐 利 王 达 席党鹏 邢立达 徐林刚 Richard Goldfarb
		环境科学与工程	袁国礼

302 工程技术学院

School of Engineering and Technology

工程技术学院建立于 1998 年，由 1952 年创办的工程地质教研室和 1954 年创办的探矿工程系联合组建而成的。经过近 70 年的建设与发展，学院已发展成为地质特色鲜明、学科专业齐全、师资力量雄厚、科研平台完备的重要科研与人才培养高地。我院设有地质资源与地质工程、土木工程、安全科学与工程等 3 个博士后流动站，地质资源与地质工程、土木工程、安全科学与工程一级学科博士学位授权点，地质资源与地质工程、土木工程、机械工程、安全科学与工程一级学科硕士学位授权点，资源与环境、土木水利、机械工程工程专业硕士学位授权点。地质资源与地质工程为 A+ 学科，入选国家一流学科建设项目，城市地质环境与工程入选北京市高精尖学科建设项目。

学院还建有地质钻探技术自然资源部深部重点实验室、深部钻探装备国际联合研究中心、中国地质大学（北京）郑州研究院、重大工程安全风险防控工程技术创新中心、城市地质环境与工程高精尖创新中心、地质安全研究院等科研机构。学院师资力量雄厚，现有教职 108，教授 27 人、副教授 37 人，博士生导师 49 人、硕士生导师 68 人，教师中有中国工程院院士 1 人、中国科学院双聘院士 1 人，各类国家级人才 5 人，北京市教学名师 2 人。在校博士生 125 人，硕士生 612 人。

学院在科学钻探、极地钻探、环境钻探、岩石破碎、钻探机械自动化、非常规能源开发、重大工程地质安全评价、岩土体稳定性分析理论与方法、地质灾害预测及防治、地下空间开发与地下工程、金属表面强化技术、机电系统设计与机械动力学、新材料钻具、安全科学与技术、安全经济与信息工程等科学研究方面处于国内先进水平，在国民经济建设中发挥了重大作用。近 5 年来，学院年均科研经费 2400 余万元，目前承担各类科研项目 100 余项，其中包括国家自然科学基金重点项目 1 项、国家重点研发项目 2 项、国家自然科学基金面上及青年项目 50 余项，以及国家 863 项目、科技部重大国际合作项目及其他省部级项目 50 余项。获得国家科技进步二等奖 2 项、省部级科研奖励 14 项，

出版专著及教材 50 余部，年均发表论文 300 余篇，年均获批发明专利 20 项，主编、参编国家及行业技术标准 10 余部。

在未来的发展中，工程技术学院将进一步发挥地质资源与地质工程国家一流学科的特色与优势，统筹推进土木工程、安全科学与工程、机械工程等相关学科建设。以工为主，产学研相结合，把学院建设成为地质工科国内领先、相关学科协同进步的教育与科研机构，实现人才培养、科学研究、产业开发等方面全面发展，为国家的基础经济建设，我国地质工科的发展和高等人才培养作出应有的贡献。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
302	工程技术学院	土木工程	黄 峰 贾穗子 梅 钢 徐能雄 张 彬 张中俭
		安全科学与工程	樊运晓 季淮君 裴晶晶
		地质资源与地质工程	陈 剑 黄 峰 孙友宏 王志乔 徐能雄 薛启龙 岳 文 张 彬

来华留学生研究生指导教师名单（英文授课）

院系名称	院系名称	学科名称	指导教师
302	工程技术学院	地质资源与地质工程	陈 剑 黄 峰 梅 钢 孙友宏 王志乔 徐能雄 薛启龙 岳 文 张彬 张中俭

303 材料科学与工程学院

School of Materials Science and Technology

材料科学与工程学院依托我校自 1952 年逐步建立的地质、资源、环境、地质工程等优势学科的实验岩石学、应用矿物学、矿物晶体结构与晶体化学等学科方向的厚重积累，以材料科学与工程一级博士点学科建设为主旨，与化学、化工、物理、环境科学与工程等学科逐渐交叉、融合、创新，日益发展壮大。1993 年成立材料科学系，1999 年院系调整成立材料科学与工程学院。学院坚持地大“特色+精品”办学理念，牵头建设“材料科学与工程”博士/硕士学位授权点、“材料与化工”硕士专业学位授权点以及 3 个本科专业，其中材料科学与工程获批国家级一流专业。现有国家重点学科（共建）1 个，省部级重点学科 1 个，国家级特色专业 1 个。近年来，围绕“双一流”建设，立足学校实际，瞄准材料学科前沿，面向资源综合利用与新材料、节能环保、循环经济等国家战略需求，以矿物材料、陶瓷与耐火材料、矿物复合材料、高分子材料、纳米功能材料、资源综合利用为主要研究方向，展现了在非金属矿物和固废资源材料化利用等领域的特色与优势，国内外学术声誉日益提升，2015 年起我院牵头并作为主要成果支撑单位材料学科和化学两个学科进入了 ESI 全球排名前 1%，其中材料学科进入全球前 0.34%。

建院以来，已培养了大批博士、硕士及本科毕业生，毕业生在高等学校、科研院所、政府部门以及新材料、化工、环保、能源、建材冶金、国土资源等行业的企业中发挥着重要作用。学院拥有一支高水平的师资队伍，现任教师 100% 具有博士学位，具有高级职称者占 84%，2/3 以上具有海外留学经历，博士生导师 52%、硕士生导师 88%；其中，俄罗斯工程院外籍院士 1 人；“国家优秀青年基金获得者”等国家级青年人才 2 人；入选“科睿唯安全球高被引科学家”2 人；教育部“新世纪/跨世纪人

才”4人；全国百篇优秀论文获得者1名、全国百篇优秀论文/国家一级学会优秀博士论文提名获得者2人；全国青年地质学家“金锤奖”获得者2人和“银锤奖”获得者1人，“黄汲清青年地质科技奖”获得者1名，侯德封青年地质学家奖1人；“霍英东青年教师奖”2名，北京市教学名师2名，“北京市优秀教师”1人，“北京市师德先进个人”1人，北京市“科技新星”3人；建设有北京市级优秀教学团队1个、校级科技创新团队1个。

学院不断改革创新，取得了一批有代表性的教学、科研成果。学院获国家优秀教学成果二等奖1项、北京市优秀教学成果一、二等奖2项；公开出版专著、教材30余部，其中1本教材入选国家级精品教材、4本教材入选北京市精品教材、1门课程入选北京市精品课程。多年来连续被评为学校教学管理先进单位。科研方面已完成国家级、省部级及企业委托科研项目数百项，在研项目200余项，多项成果获省部级奖励。发表论文、授权发明专利和科技成果转化均在全校名列前茅。

学院牵头建有“非金属矿物与固废资源材料化利用北京市重点实验室”、“全国循环经济工程实验室”、“自然资源部矿区生态修复工程技术创新中心”、“矿物岩石材料开发应用国家专业实验室”，共建“水资源与环境工程北京市重点实验室”、北京市“固体废物处置科技创新研发基地”、北京市“珠宝与矿物材料实验教学示范中心”，拥有若干个先进材料制备实验室、材料加工实验室、材料物理性能测试表征实验室、材料化学实验室、材料设计与模拟计算实验室等组成的材料教学、科研平台。

展望未来，任重道远。我们将大力倡导“求实、创新、争优、和谐”的学院文化，瞄准国家战略需求，培养创新型人才，为努力建设具有地质材料特色的一流学科努力奋斗。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
303	材料科学与工程 学院	材料科学与工程	安 琪 胡应模 刘艳改 吕国诚 梅乐夫

304 信息工程学院

School of Information Engineering

信息工程学院的前身是 1993 年成立的中国地质大学（北京）计算机应用系。经过专业调整、合并和扩充后，于 1999 年正式成立中国地质大学（北京）信息工程学院。学院自成立以来，保持和发扬了中国地质大学艰苦朴素、求真务实的优良传统和作风，坚持“特色+精品”的办学理念，顺应新时期高等教育的发展趋势，与时俱进、开拓创新，以“动手能力强，创新意识强，综合素质高”为人才培养目标，经过几年的探索和努力，学院的办学思路明确，学科布局合理，逐步形成了鲜明的地学信息工程特色。

学院现有计算机科学与技术、电气工程及其自动化、地理信息科学、电子信息工程、软件工程、人工智能、数据科学与大数据技术 7 个本科专业，其中地理信息系统是国家级特色专业和首批一流专业建设点，计算机科学与技术是北京市首批一流专业建设点，电气工程及其自动化为校级一流专业建设点。学院设有测绘科学与技术、控制科学与工程两个一级学科博士学位授权点和博士后流动站，计算机科学与技术、信息与通信工程和软件工程 3 个一级学科硕士学位授权点，资源与环境、电子信息两个专业硕士学位授权点。以上博士和硕士点均可以招收留学生。

学院每年招本科生约 300 人、研究生 120 余人。本科各专业毕业生深造率超过 50%，就业创业形势好，社会需求量大。毕业生的就业质量高，大部分毕业生在大、中城市的国企公司、上市企业，或政府机关、事业单位等相关部门就业。

学院实验设施齐全，配备合理，管理规范。各专业均有相应的专业实验室，能满足教学和科研的需要，具备培养高质量信息化人才的教学和科研良好环境。学院现有北京市计算机实验教学示范中心、北京市高

校信息技术创新基地、自然资源部国土空间大数据工程技术创新中心、自然资源部北京房山综合勘查野外科学观测研究基地、北京市自然资源卫星应用技术中心、学校地学信息工程虚拟仿真教学实验中心、地质 3D 打印重点实验室，以及网络通信及安全实验室、计算机体系结构实验室、计算机组装与维护实验室、地理信息系统实验室、并行计算及可视化实验室、软件工程实验室、计算机图形图像实验室、电子电工实验室、电气工程及其自动化实验室、电气智能控制及应用实验室、系统控制实验室等专门教学科研实验室，实验室面积达 2500 平方米，价值 2000 余万元。微处理器及机器人实验室、嵌入式系统实验室等是对外合作实验室。另外，学院先后与北京市多家信息技术研发单位建立了 10 余个实践教学基地。

学院积极组织各专业大学生参与 ACM 程序赛、机器人竞赛、电子设计竞赛、“天梯赛”以及“三维建模”、“挑战杯”、“互联网+”、“大数据”等 10 余个被列入国内竞赛目录的特色大赛，获得了优异的成绩，名列首都高校前茅。

学院现有教职工 80 余人，其中正高级职称 10 人，博士生导师 9 人，副高级职称 29 人。学院师资队伍年龄、学历结构合理，专任教师超过 90% 有博士学位。近年来学院从海内外引进多名专家学者，充实了学术队伍，壮大了科研力量，提升了师资队伍的整体水平。同时特聘国内多名院士和国际知名教授加入教学和科研团队，使学术研究特色更加明显，国内外交流更加广泛，学术水平大大提升。

学院有地学遥感信息服务研究所、高分 LiDAR 与高光谱研究所、GIS 开发与应用研究所、超级计算研究中心、移动互联网技术实验室等研究机构，承担国家 863、科技支撑、公益性专项、地调专项、油气专项、自然科学基金等项目或课题，获得省部级科技奖励、发表 SCI 论文、申请和已经授权的发明专利等数量逐年增加，质量逐年提升。在空间大数据技术与应用、资源环境遥感、高性能计算与数值模拟、软件服务工程与

智慧物联网等领域已经形成特色明显的学术团队，在国内外有广泛学术影响。已经于美国、加拿大、澳大利亚、香港、台湾等国家和地区建立了长期的学术交流机制，学术国际化水平明显提升。

学院十分注重学生的国际化培养，每年都有多名国内外的知名学者来学院进行学术交流。通过与加拿大滑铁卢大学的“2+2”合作办学项目以及正在推进的“3+2”、“4+1”等国际合作办学项目，学生只需完成在中国地质大学（北京）和境外大学相应学分，就能得到国内和国外的双学士学位或者学士学位+硕士学位，大大增强了学生的就业竞争力，提高了就业质量。

信息工程学院坚持立德树人，积极参与全球大科学计划以及原始 0-1 的创新攻关项目，依托国家新工科建设项目成果和虚拟仿真项目、一流专业和一流课程、一流基地等的建设，为学生打造个性化成才模式，不忘初心、牢记使命，为党育人、为国育才。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
304	信息工程学院	控制科学与工程	李 梅 王玉柱 周长兵
		测绘科学与技术	明冬萍 孙大为 王玉柱

305 水资源与环境学院

School of Water Resources and Environment

学院前身是原北京地质学院水文地质及工程地质系，1952 年建校同时成立，1992 年，为适应学科发展需要，改名为环境科学系；1998 年，校内院系调整，称为水资源与环境工程系；2002 年，更名为水资源与环境学院。经过近 70 年的发展和建设，现已成为我国以地下水为特色的、涵盖地下水科学与工程、水文与水资源工程、环境科学与工程专业领域的高层次人才培养基地。近 70 多年来学院为国家培养了众多杰出人才，毕业生中很多已成为国内外著名的专家学者，如中国科学院院士汪集旸和程国栋、中国工程院院士卢耀如和武强等。毕业生遍及国土资源、水利水电、水资源、地质、环境、城建、交通、能源、化工等行业，许多也成为行业科技骨干、杰出英才。

学院教职工 67 人，其中教师 58 人、各类教学管理人员 10 人；教师中教授职称 26 人，副教授职称 22 人，讲师职称 10 人，具有博士学位占 98%。拥有国家杰出青年基金获得者 2 人、国家优秀青年基金获得者 3 人、中组部“万人计划”领军人才 1 人、中组部“万人计划”青年拔尖人才 1 人、教育部新世纪优秀人才支持计划 5 人、教育部青年长江学者 1 人，国土资源高层次创新型科技人才培养工程 2 人，国土资源部杰出青年科技人才 2 人，中国地质学会金锤奖获得者 1 人、银锤奖获得者 4 人、北京市优秀人才 3 人、茅以升北京青年科技奖 1 人、水利部“杰出青年科技人才”1 人，北京市教育工会“教书育人先进个人”1 人、霍英东教育基金会高等院校青年教师基金资助 2 人、全国优秀博士论文奖 1 人、北京市优秀博士论文奖 3 人、教育部教指委委员 2 人。

学院现有专业横跨四个一级学科：地质学、环境科学与工程、水利工程、地质资源与地质工程。研究生教育有四个博士学位和学术硕士学位

位授权点：水利工程、环境科学与工程、地质学（水文地质学）、地质资源与地质工程（地质工程）；2 个专业硕士授权点：资源与环境、土木水利，每年招收硕士研究生约 190 名、博士研究生约 45 名。其中“环境科学与工程”、“水利工程”为一级学科博士授权点，“地质学”、“地质资源与地质工程”2 个学科入选国家“双一流”建设学科，并在第四轮学科评估中获得 A+。

学院设有水资源与环境工程实验室/教学中心，环境科学与工程研究中心。2001 年水资源与环境工程实验室获批北京市重点实验室，2011 年获批地下水循环与环境演化教育部重点实验室，建有河北秦皇岛柳江盆地实习基地。

近年来，学院承担了国家重点研发计划、国家科技支撑计划项目、国家自然科学基金项目和省部级重大项目，获得国家科技进步二等奖 1 项，省部级一、二等奖 13 项。学院科学研究领域聚焦多尺度水循环与演化过程、地下水资源评价与可持续利用、土壤-地下水污染控制与修复、污废水处理与综合利用、地质灾害、地质环境效应评估及工程治理等方向。

学院与国内十余个单位签订合作协议，建成产学研创新创业基地 1 个，国际交流活动广泛，开展了与美国、加拿大、日本、荷兰、德国、以色列等国家在科研和人才培养方面的国际合作，每年邀请数十名国外著名学者来学院开办讲座或作学术报告，派遣学院教师出国进修和参加各种国际学术会议。

水资源与环境是 21 世纪人类社会生存和发展的主要问题，学院将以此为发展方向，坚持“面向现代化、面向世界、面向未来”的办学方向，以“求真务实、自强不息”的精神，按“特色加精品”的办学理念，努力营造“勤奋、严谨、求实、创新”的优良学风，与时俱进，为建设国内一流的地下水特色教学科研中心而努力奋斗。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
305	水资源与环境学院	地质学	郭华明 刘明柱 史浙明 张宝刚
		水利工程	侯立柱 于青春
		地质资源与地质工程	刘明柱
		环境科学与工程	毕二平 陈 男 代云容 郭华明 郝春博 何 伟 胡远安 杨 琦 姚 俊 张宝刚

来华留学生研究生指导教师名单（英文授课）

院系代码	院系名称	学科名称	指导教师
305	水资源与环境学院	地质学	郭华明 刘明柱 史浙明 张宝刚
		水利工程	侯立柱 于青春
		地质资源与地质工程	刘明柱
		环境科学与工程	毕二平 陈 男 代云容 郭华明 郝春博 何 伟 胡远安 杨 琦 姚 俊 张宝刚

306 能源学院

School of Energy Resources

能源学院成立于 1952 年建校之初，是我国能源勘探开发领域高级人才的摇篮，拥有“一流学科和一流专业”。学院由石油地质、石油工程和能源与环境三个教研室组成，现有 2 个博士后流动站、3 个博士学科点、5 个硕士学科点和 3 个本科专业。2019 年，资源勘查工程和石油工程 2 个本科专业均入选首批国家级一流专业建设点。2020 年，学院启动“拔尖人才创新班”建设，旨在培养“交叉型+创新型+国际化”人才。学院定位为“研究型学院”，研究生与本科生的数量比例近于 1: 1。

师资队伍：学院师资力量雄厚，现有教职工 88 人，教授 32 人（博导 46 人），副教授 23 人，讲师 23 人，实验技术与管理岗 10 人。其中，获得国家“百千万”人才 1 人，国家杰出青年基金获得者 1 人，国家优秀青年基金获得者 1 人，教育部青年长江学者 1 人，全国青年地质科技银锤奖 4 人，教育部“新世纪优秀人才支持计划”2 人，获“全国优秀博士论文”1 人，北京市教学名师 4 人，北京市青年教学名师 1 人，北京市优秀教学团队 2 个，北京市青年英才 3 人，1 人当选首届国家能源专家咨询委员会委员。

专业建设：目前学院有 3 个本科专业：资源勘查工程、石油工程和新能源科学与工程，其中，资源勘查工程专业为国家特色专业，国家级人才培养模式创新实验区，通过国家工程教育专业认证，分为 2 个专业方向，即：资源勘查工程（能源）、资源勘查工程（新能源地质与工程）；石油工程专业为国家特色专业并入选国家“卓越工程师计划”；新能源科学与工程专业为 2021 年新增专业。“多元油气勘探开发人才培养体系构建与实践”获北京市教学成果一等奖；能源实验教学中心为国家实验教学示范中心；“能源地质与评价虚拟仿真实验教学中心”为国家级虚拟仿真实验教

学中心。

科学研究：学院拥有雄厚的科研实力，不断追踪学科发展动态，立于学科发展前沿。围绕着沉积盆地煤、油、气地质勘探与开发，形成了多个特色鲜明、处于国内前缘地位的研究领域。现有 1 个国家工程研究中心（煤储层分室）、3 个省部级重点实验室，1 个教育部创新团队。近 5 年来，先后承担各类国家级、省部级以及企业合作科研项目 165 项，科研经费近 5 亿元。4 项成果获国家科技进步二等奖，20 余项科研成果获省部级科技奖励，出版专著教材 15 部，发表论文 1000 余篇，举办大型国际/国内学术会议 10 次。

产学研基地：学院与国家部委和国有企业合作，共同建设了具有多层次结构特点的产学研基地。其中，与胜利油田联合建设的产学研基地获得“北京高校市级校外人才培养基地”；与国土资源部油气战略研究中心共建“页岩气研究基地”；与辽河油田联合建设的产学研基地获得“国家级工程实践教育中心”；“建设多层次结构的产学研基地，探索校企互动机制的实践教学模式”获北京市优秀教学成果一等奖。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
306	能源学院	地质资源与地质工程	蔡益栋 高 平 高志前 何登发 侯读杰 姜在兴 李胜利 李 松 刘景彦 唐 玄 陶 树 王红亮 王宏语 许 浩 姚艳斌 张建国 张金川 张松航 张元福
		石油与天然气工程	高志前 胡景宏 鞠斌山 李克文 李治平 刘鹏程 陶 树 许 浩 姚艳斌 张 园

来华留学生研究生指导教师名单（英文授课）

院系代码	院系名称	学科名称	指导教师
306	能源学院	地质资源与地质工程	蔡益栋 高 平 高志前 何登发 侯读杰 姜在兴 李胜利 李 松 刘景彦 唐 玄 陶 树 王红亮 王宏语 许 浩 姚艳斌 张建国 张金川 张松航 张元福
		石油与天然气工程	高志前 胡景宏 鞠斌山 李克文 李治平 刘鹏程 陶 树 许 浩 姚艳斌 张 园

307 经济管理学院

School of Economics and Management

经济管理学院前身为成立于 1993 年的人文经管系，学院以学校突出的地学优势为依托，现已发展成为覆盖经济、管理、法学三个学科门类，以资源环境经济、资源环境管理和资源环境政策法律学科群为特色的学院。

目前，学院拥有管理科学与工程博士后流动站；管理科学与工程、应用经济学两个一级博士点；应用经济学、管理科学与工程、工商管理、公共管理、法学五个一级学科硕士点；MBA、MPA、MPAcc、金融硕士、法律硕士等专业学位授权点。学院开设了工商管理、会计学、经济学、信息管理与信息系统和法学五个本科专业。同时面向全校学生开设了工商管理、会计、法学三个双学位专业，以及经济学、信息管理与信息系统、工商管理三个第二学位专业，为复合型人才培养提供了条件。

学院现有教职工 93 人，其中，教授 20 人，副教授 35 人。另有 40 余名国内外知名专家、企业家和政府官员被聘为兼职教授或客座教授。学院下设 1 个部级重点实验室(自然资源部资源环境承载力评价重点实验室)、1 个自然资源部开放实验室(自然资源人才评价开放实验室)、1 个校级重点实验室(资源环境管理重点实验室)和 1 个校级教学实验中心(经济管理教学实验中心)、1 个法学实验室(模拟法庭)；6 个教研室(经济学、管理科学与工程、工商管理、公共管理、会计、法学)。

学院人才培养定位是：遵照学校“品德优良、基础厚实、知识广博、专业精深”的人才培养标准，以市场对经管法人才的需求为导向，依托学校地质、资源、环境等优势学科，培养“勤学乐思、创新实践、国际视野”的优秀人才。

学院围绕学校“特色加精品”的办学理念，学院积极探索本科生的培养

特色，打造“本、硕、博”贯通式培养模式。学院办有经济管理协会、大学生法律援助社、青年志愿者协会等学生社团，丰富学生的课外活动。学院注重对学生的创新及实践能力的培养，与大中型企业、会计师事务所、律师事务所、法院及检察院等十余企业、事业、司法单位建立实习基地，每年拿出经费支持大学生科技项目立项，学生主持的课外科技活动项目，多次获国家级大奖。学生的校园文化生活丰富多彩，充分展示了学生优良的综合素质。

近年来，学院发展取得了长足进步，教师出国访学达 40 余人次，发表国际 SCI/SSCI 论文达近 500 余篇，主持国家竞争性项目近 50 项，到账科研经费突破 9500 万元，国际合作办学、创新人才培养和学科交叉特色更加彰显。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
307	经济管理学院	应用经济学	李 莉 吴三忙 闫晶晶
		管理科学与工程	高湘昀 黄书培 孔 锐 李华姣 刘海燕 张 龙

来华留学生研究生指导教师名单（英文授课）

院系代码	院系名称	学科名称	指导教师
307	经济管理学院	应用经济学	吴三忙 闫晶晶
		管理科学与工程	高湘昀 黄书培 孔 锐 李华姣 刘海燕 张 龙

310 地球物理与信息技术学院

School of Geophysics and Information Technology

中国地质大学(北京)地球物理与信息技术学院的前身是成立于 1952 年的原北京地质学院地球物理探矿系(简称物探系),是国内第一个地球物理探矿系,2002 年更名为地球物理与信息技术学院。国际著名地球物理学家傅承义、顾功叙、秦馨菱、曾融生、刘光鼎、杨文采等院士曾在学院主持和参与工作,他们深厚的学术造诣和严谨的学风对学院发展产生了深远的影响。

学院现有地球探测与信息技术国家级重点二级学科,地球物理学省部级重点一级学科和控制科学与工程一级学科。其中,地球探测与信息技术为“双一流”建设学科,地球物理学的二级学科固体地球物理为北京市重点学科。学院设有地球物理学、勘查技术与工程、测控技术与仪器三个本科生专业,其中地球物理学、勘查技术与工程入选国家级一流本科专业建设点;地球物理学、地球探测与信息技术、控制科学与工程、资源与环境(地质工程应用地球物理方向)、电子信息五个硕士学位授权点;地球物理学、地球探测与信息技术、控制科学与工程三个博士学位授权点和固体地球物理学、地球探测与信息技术两个博士后流动站。

学院设有地球物理系、勘查技术系、测控仪器系,现有深部地球物理探测技术、海洋地球物理探测技术、资源地球物理探测技术、能源地球物理探测技术、环境与工程地球物理探测技术和地球物理仪器研发等科研团队。学院拥有地质过程与矿产资源国家重点实验室第五分室、国家级地质资源勘查实验教学中心和金属矿产勘查与评价教育部工程研究中心。

学院遵照“特色+精品”的办学理念,在应用地球物理领域保持重、磁、电、震、核、测井学科方向齐全、实力雄厚、特色鲜明的优势;在地球物理学领域推进固体地球物理和空间物理学科的发展,形成大地电磁测

深、天然地震、空间物理等精品学科方向；在控制科学与工程学科领域以地球物理为支撑、以地球物理仪器研制为生长点，形成了海洋和陆地矿产与能源资源探测仪器研制的特色。

依托教育部、自然资源部两部共建契机，学院瞄准国际地球科学前沿、国家重大战略需求，面向基础地质、矿产、油气、海洋、工程、环境、灾害等领域面临的新问题，发展地球物理新理论、新方法、新技术、新仪器和新软件，不断加强创新型人才培养，加强产、学、研、用的深度联合，加强国际交流和合作，努力办成国内一流、国际知名的地球物理与信息技术专业学院。

硕士专业

地球物理学：本专业硕士研究生应具备坚定的理想信念、求实的科学作风、良好的学术道德和勇于创新的精神，具有扎实的数学、物理、地质学、计算机技术等基础知识，掌握系统的地球物理学基本理论、专业知识和技能，了解地球物理学领域的发展趋势和学术前沿，具有开展科学研究和学术交流的能力以及团队合作精神，能够独立承担本学科的一般研究课题并做出一定的创新成果，能够在深地、深海、深空以及资源、环境、工程等领域承担地球物理学的教学、科研和管理等工作。

地质资源与地质工程（地球探测与信息技术方向）：本专业方向利用地球物理、遥感地质和数学地质相关理论、技术与方法，研究地球表面及其内部构造、结构与组分、固体和流体矿产资源等信息。通过资料处理、分析与解释，进行定性和定量评价，为矿产资源勘查、水文地质、工程地质、环境及基础地质调查、地质灾害防治等提供探测信息。主要研究领域包括：重磁勘探、电法勘探、地震勘探、核地球物理、地球物理测井、综合地球物理勘探、数学地质、遥感地质、矿产资源评价、地质过程模拟等。特色与优势：重磁勘探、电法勘探、地震勘探、核地球物理、地球物理测井学科分支发展均衡；各学科分支与地质学相交叉融

合充分。

资源与环境（专业学位）地质工程方向：地球物理与信息技术学院地质工程方向聚焦于在应用地球物理，运用重磁勘探、电法勘探、地震勘探、核地球物理、地球物理测井、综合地球物理勘探等方法技术，进行油气勘探、矿产资源勘探，为工程地质、水文地质、环境及基础地质等提供探测信息，为经济可持续发展提供技术支撑和保障。

控制科学与工程：本专业培养研究生具备严谨的治学态度，坚实的数学、物理、电子学以及计算机技术等基础知识，掌握系统的控制科学理论、专业知识和工程技能。了解控制科学的发展趋势和研究前沿，可独立的承担本学科的一般研究课题，能够运用控制科学理论、方法和现代化高科技手段，在理论研究与工程实践相结合、学科交叉和军民结合等方面具有明显的特色与优势，特别是在地球物理仪器相结合方面，对我国国民经济发展和国家安全发挥重大作用，可从事科研、教学或管理工作。

电子信息（专业学位）：电子信息是电子技术与信息技术相结合的构建现代信息社会的工程领域。本专业培养研究生具备严谨的治学态度，坚实的数学、物理、电子以及计算机技术等基础知识，掌握系统的电学理论、专业知识和工程技能。了解电子科学的发展趋势和研究前沿，可独立的承担本学科的一般研究课题，能够运用电子科学理论、方法和现代化高科技手段，在理论研究与工程实践相结合、学科交叉和地球物理仪器等方面具有明显的特色与优势，对我国国民经济发展和国家安全发挥了重大作用，培养从事信号与信息处理、通讯与信息系统、电路与系统、电磁场与微波技术、电子元器件、集成电路等工程技术的高级工程技术人才，可从事科研、教学或管理工作。

博士专业

地球物理学：本专业博士研究生应具备坚定的理想信念、求实的科

学作风、良好的学术道德和勇于创新的精神，具有坚实宽广的理论基础和系统的专业知识，了解地球物理学领域的发展趋势和学术前沿，掌握科学研究的技能和方法，具有独立开展科学研究的能力、良好的国际学术交流能力和团队合作精神，能够创新的运用本学科理论和方法探索前沿科学问题和解决重大技术难题，能够在地球物理学及相关领域做出创新性成果，能够在深地、深海、深空以及资源、环境、工程等领域独立承担地球物理学的教学、科研和管理等工作。

地质资源与地质工程（地球探测与信息技术方向）：本专业方向博士研究生应具备利用地球物理、遥感地质和数学地质相关理论、技术与方法，研究地球表面及其内部构造、结构与组分、固体和流体矿产资源等信息，通过资料处理、分析与解释，进行定性和定量评价，为矿产资源勘查、水文地质、工程地质、环境及基础地质调查、地质灾害防治等提供探测信息的能力。主要研究领域包括：重磁勘探、电法勘探、地震勘探、核地球物理、地球物理测井、综合地球物理勘探、数学地质、遥感地质、矿产资源评价、地质过程模拟等。特色与优势：重磁勘探、电法勘探、地震勘探、核地球物理、地球物理测井学科分支发展均衡；各学科分支与地质学相交叉融合充分。

控制科学与工程：本专业博士研究生应具备优良品质和严谨学风；具有追求真理和献身于科学研究的敬业精神，具有高尚的科学道德、创新意识和合作精神，拥有健康心智的高级人才；同时具有复杂控制系统分析和建模、设计、实施，人工智能与地学仪器等方面综合理论和解决复杂系统智能集成优化与控制、装备智能化、地学信息处理、机器人设计与控制等方面问题的能力，最终使其成为能独立承担相关专业的科研、教学及管理工作的。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
310	地球物理与信息技术学院	地球物理学	金 胜 李红谊 芦 俊 钱荣毅 谭捍东 王 赟 杨 涛 邹长春
		控制科学与工程	王 猛
		地质资源与地质工程	陈召曦 芦 俊 钱荣毅 谭捍东 王 赟 徐敬领 邹长春

来华留学生研究生指导教师名单（英文授课）

院系代码	院系名称	学科名称	指导教师
310	地球物理与信息技术学院	地球物理学	金 胜 李红谊 芦 俊 钱荣毅 谭捍东 王 赟 杨 涛 邹长春
		地质资源与地质工程	陈召曦 芦 俊 钱荣毅 谭捍东 王 赟 徐敬领 邹长春

311 海洋学院

School of Ocean Sciences

海洋学院创建于 2004 年是目前首都 70 余所公立高校中唯一的涉海院系。此前，中国地质大学曾建有“海洋地学研究中心”（该“中心”性质与海洋学院有别，目前建制依然存在并继续发挥作用），为海洋学院的成立奠定了基础。学院当前设有“海洋科学”本科专业，并以海洋地质与固体矿产资源、海洋油气（含天然气水合物）资源、海岸带环境与资源、海洋生物与生态作为培养学生的主要专业方向。更高文化层次上，学院拥有“海洋科学”一级学科博士后授权点、“海洋科学”一级学科博士学科点及“海洋地质”、“海洋化学”2 个硕士学科点。其中，“海洋地质”博士点为省部级重点学科。此外，2008 年获准设立“近海资源环境”北京市重点交叉学科。目前，在校本科生 337 人，在校硕博研究生 259 人。

以海洋地质、海洋地球物理、海洋地球化学、海洋地质资源及相关勘探技术为核心的海洋地学的教学与研究是中国地质大学（北京）海洋学科建设的基本方向和主要特色。依托学校在地球科学领域的传统优势和雄厚基础，地大（北京）海洋科学的学科建设和人才培养获得迅速发展。目前已在海洋天然气水合物、海底地震地层学与层序地层学、深海沉积学、大陆边缘构造演化、洋脊与俯冲带地质、海底固体矿产、海洋微体古生物学、古海洋学与过去全球变化等基础研究领域形成一定的特色和优势，并结合社会需求与国民经济的发展，在海洋油气资源调查勘探、海岸带环境与资源评价、深海冷泉生物群落调查等方向加大投入，取得良好开端。在努力推进海洋地学的基础上，以与地学问题紧密结合为前提条件，学院的学科建设同时也向化学海洋学、生物海洋学、环境海洋学等分支学科进行辐射。

学校以海洋学院为依托单位，与广州海洋地质调查局等单位共建“海洋天然气水合物勘探开发技术研究中心”。学院与广州海洋地质调查局、青岛海洋地质研究所、天津地矿中心、国家海洋局二所、一所、三所、中科院海洋所、地理所等单位及各涉海兄弟院校具有良好的合作关系。与 IODF’、IMAGES、InterRidge 等国际组织及美、德、法、日、英、挪、澳等大学和科研单位建立了较密切的学术联系。

学院 30 余人次参加了 J. Resolution、Chikyu、Marion Dufresgne、“Sonne”、“大洋一号”、“海洋四号”、“琼沙三号”等国内外科学考察船在赤道西太平洋、东北太平洋、西南印度洋、北大西洋、北冰洋以及中国海域、鄂霍次克海、日本海、日本南海、挪威海等地的地质调查和环球考察；另有数十人次参加过西沙群岛、雷州半岛、天津滨海新区、长江口、珠江口、辽河口等地的海岛与海岸带调查。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
311	海洋学院	海洋科学	姜正龙 蒋宏忱 吴怀春 徐 杰 由雪莲

来华留学生研究生指导教师名单（英文授课）

院系代码	院系名称	学科名称	指导教师
311	海洋学院	海洋科学	姜正龙 蒋宏忱 吴怀春

312 土地科学技术学院

School of Land Science and Technology

土地科学技术学院的前身是创建于 20 世纪 50 年代初的北京地质学院测量教研室，我国著名大地测量学家周卡教授担任首任教研室主任，1994 年开办测绘工程专业；1999 年开办土地资源管理专业；2004 年成立土地科学技术系，2006 年升级为土地科学技术学院，2017 年开办土地整治工程专业，2021 年开办遥感科学与技术、自然资源登记与管理专业。

学院现下设测量与导航工程、遥感地理信息工程、土地资源管理、土地整治工程、公共政策 5 个系，拥有自然资源部土地整治重点实验室、教育部月球与行星探测国际合作研究分中心、自然资源部矿区生态修复工程技术创新中心、自然资源部土地工程技术创新中心、资源环境与灾害监测山西省重点实验室等研究平台。

学院目前拥有测绘工程(含卓越计划)、土地资源管理(含卓越计划)、土地整治工程、遥感科学与技术、自然资源登记与管理 5 个本科专业；测绘科学与技术一级学科博士后流动站和博士、硕士学位授权点；资源与环境（测绘工程方向）专业学位授权点；公共管理一级学科博士后流动站和博士学位授权点；公共管理（MPA）以及资源与环境（土地资源管理方向）专业学位授权点；学院以大地测量、卫星定位测量、摄影测量与遥感、地理信息系统、土地资源学、土地经济学、土地法学为基础，以对地观测技术、工程测量、数字摄影测量、工程地理信息系统、自然资源调查登记、国土空间规划、国土整治（山水林田湖草生态修复）、低效用地再开发为特色，构建国土测绘与地理信息系统、资源环境与灾害监测、土地自然资源开发、利用、整治、保护、管理的学科体系，成为中国地质大学（北京）新的学科增长点之一。2008 年、2009 年土地资源管理专业分别被评为北京市及国家级特色专业；2011 年测绘工程专业被

评为北京市特色专业；2011 年测绘工程与土地资源管理专业入选教育部卓越工程师培养计划；2012 年，测绘工程成为教育部专业综合改革试点专业。2019 年测绘工程入选北京市高精尖学科。2019 年土地资源管理专业入选国家一流本科专业建设点；2020 年测绘工程专业入选国家级一流本科专业建设点。

学院现有教职员工 54 人，其中教授 15 人，副教授 18 人，讲师 15 人。具有博士学位教师 32 人、硕士学位教师 2 人。另外，聘请中国科学院、中国国土勘测规划院、自然资源部国土整治中心、中国测绘科学研究院、总参测绘局、国家农业信息化工程技术研究中心、加拿大滑铁卢大学、香港理工大学等部门的知名专家学者为学院的兼职教授。学院师资队伍、年龄结构、学缘结构、职称结构合理，研究方向齐全、稳定。承担着科技部国家重点研发计划项目、国家自然科学基金（重大仪器研制、国家重点研发计划、中德合作与交流面上）项目、国家社科基金项目、自然资源部、生态环境部、农业农村部等部委项目 150 余项；与全国 10 余个省市自然资源部门进行合作研究。近五年出版各类专著、教材 26 部，在国内外期刊发表高水平论文 600 余篇。

学院现有测量工程、数字摄影测量、土地信息技术、土地利用工程等实验设备先进的实验室和国土测绘地理信息工程北京高等学校市级实验教学示范中心，建筑面积 500 平方米。拥有国际领先的无人机航空摄影测量系统、GNSS-CORS 站与动态 RTK 测量系统、超宽带、WiFi、视频定位与测图系统、三维激光扫描仪、地基干涉雷达测量仪、GNSS/INS 组合导航系统、光纤惯性传感器、多传感器自主定位与环境感知移动实验平台、测量机器人、数字陀螺仪、全站仪、精密水准仪、机载、地面高光谱相机、ASD 便携式地物光谱仪、全部直读等离子光谱仪、高压密闭微波消解系统、HP 图形工作站等仪器设备 400 余台（套）以及北斗/GNSS、摄影测量、遥感、国土空间规划管理系统等教学科研软件；建有教育部“中煤平朔煤业有限责任公司矿山土地整治与测绘工程”卓越工程

师培养工程实践教育中心、北京市“中国测绘科学院研究院、清华大学、中国矿业大学（北京）”校外人才培养基地、北戴河地质认识教学实习基地、周口店测绘与土地调查实习基地、南方公司测量教学实习基地、国土资源部房山综合勘查技术野外基地、平朔矿区土地复垦与生态重建野外基地、山西晋城产学研基地等 8 个稳定的教学科研实习基地；国际摄影测量与遥感学会第四委员会第五工作组主席单位、中国农业工程学会土地利用工程专业委员会挂靠在本院，为全院师生开展教学科研活动提供了强有力的保证。

学院贯彻党的教育方针，落实立德树人根本任务，以“创新、协调、绿色、开放、共享”五大发展理念为引领，以支撑创新驱动发展战略、服务经济社会发展为导向，以培养自然资源领域高层次人才为宗旨，贯彻学校“特色加精品”的办学理念，积极开展国内、国际的交流与合作，不断拓展研究领域，培养适应我国社会主义现代化建设需要的复合型人才。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
312	土地科学技术学院	测绘科学与技术	康志忠 万晓云 王跃宾
		公共管理	白羽萍 曹银贵 冯 喆 王金满 张建军（2010010009） 张建军（2018010045） 赵华甫

来华留学生研究生指导教师名单（英文授课）

院系代码	院系名称	学科名称	指导教师
312	土地科学技术学院	测绘科学与技术	康志忠 万晓云 王跃宾

319 数理学院

School of Science

数理学院前身是 1952 年成立的北京地质学院的数学教研室、物理教研室、化学教研室、化学分析室。几经历史变迁，2012 年学校决定由信息工程学院的数学教研室和材料科学与工程学院的物理、化学教研室整合成数理学院。数理学院现有 1 个部（公共数学教学部）、4 个系（应用数学系、数据科学系、物理系、化学系）、1 个北京市高等学校实验教学示范中心（物理实验教学中心）、1 个校级实验教学示范中心（化学实验教学中心）。拥有 1 个研究型实验室（数学模型与油藏模拟实验室），1 个对外服务型实验室（化学分析室）。

学院拥有 1 个二级学科博士点（现代数学与控制理论），3 个一级学科硕士学位授权点（数学、物理学、化学），3 个专业硕士学位授权点（应用统计、电子信息、材料与化工），2 个本科专业（数学与应用数学、数据计算及应用），1 个创新实验班和 1 个少数民族预科班。

数学学科现有教师 34 人，其中教授 7 人，副教授 12 人，讲师 15 人。有博士学位 29 人，硕士生导师 18 人（含兼职 1 人），博士生导师 1 人。招生专业涵盖数学（学术学位）、应用统计（全日制/非全日制专业学位）、电子信息（全日制专业学位）。数学主要研究方向包括微分方程及其应用、数学模型分析、科学计算方法、机器学习、组合数学与图论及其应用，应用统计招生方向包括数据挖掘与统计、经济与金融统计、生物与医学统计、资源环境统计，电子信息（计算机技术）招生方向包括人工智能与模式识别、计算机系统与高性能计算、软件工程与软件系统。

物理学科现有教师 23 人，其中教授 7 人，副教授 9 人，高级实验师 2 人，讲师 5 人。有博士学位 21 人，博士生导师 7 人，硕士生导师 15 人。招生专业涵盖物理学（学术学位）和材料与化工（材料工程）（专业学位）。

其中物理学主要研究方向有凝聚态物理、光学、材料物理与器件、矿物物理与应用。材料与化工（材料工程）专业招生方向主要为材料学、材料加工工程、材料物理化学、矿物材料与资源综合利用、宝石材料。

化学学科现有教师 23 人，其中教授 2 人，教授级高工 1 人，副教授 10 人，副研究员 1 人，高级实验师 3 人，讲师 4 人，实验师 2 人；有博士学位 20 人，硕士生导师 18 人，博士生导师 4 人。招生专业涵盖化学（学术学位）和材料与化工（化学工程）（专业学位）。化学专业主要招生方向为无机化学、有机及高分子化学、分析化学、物理化学及计算化学，材料与化工（化学工程）专业招生方向为应用化学、材料化学、环境化学、绿色化学。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
319	数理学院	数学	赵俊芳
		材料科学与工程	高 华 高 禄 郝会颖 刘 昊 刘煊赫 王亚芳 吴 静 吴秀文 邢 杰 赵长春
		控制科学与工程	黄昊翀 王海英 赵俊芳

501 科学研究院 Institute of Earth Sciences

科学研究院成立于 2011 年，是集我校科研创新团队、实验技术平台和管理服务团队三位一体的二级科研机构，是我校结合自身特点、遵循科研规律、整合科技资源、探索科教融合的发展特区。

科学研究院汇聚了来自地质、资源、环境、地学工程技术等我校优势领域具有深厚学术造诣的一批领军人才，聚焦现代地质学及地学延伸重大基础研究方向，面向国家重大需求和国际研究前沿，开展以重大科学问题为导向、以领军人才为核心的学科团队和实验技术团队建设，已组建了岩石圈构造、大陆汇聚与青藏高原隆升、金属同位素与壳幔物质循环、岩浆—热液演化与金属成矿、深时生命与环境演化和极端环境生物地球化学循环六大求真研究群体，近年来相关群体在金属同位素高精度分析测试方法的建立与地质应用、青藏高原生长过程与机制、地球深部过程的浅表响应、复合造山过程与成矿元素富集机理、盆山系统演化与大陆变形等方面取得了一系列重要研究进展。

科学研究院以地质过程与矿产资源国家重点实验室、生物地质与环境地质国家重点实验室为基础，建有完善的实验平台，现有包括岩矿成分结构、同位素年代学、同位素地球化学和古地磁等实验室 20 余个，装备了 X 射线衍射分析、电子显微分析、质谱、光谱、磁法等相关仪器设备，能够满足地质学主要学科领域的研究所需，相关实验室通过了国家计量认证，建立了统一开放的管理平台。科学研究院实验平台本着科研、测试、教学和社会服务于一体的原则，以科学研究推动实验测试发展，以实验测试支持科学研究与人才培养，取得了突出成绩，高精度 Mg、Ca、Fe、Cu 等同位素分析、矿物晶体结构研究等处于国际一流水平，晶体矿物学研究处于国内领先水平，2014 年烧绿石超族矿物研究获中国地质学

会十大地质科技进展。

科学研究院践行“艰苦朴素、求真务实”的校训，以促进国家重点实验室和一流学科建设、提升科技核心竞争力、加快优势领域创新群体和杰出人才培养为己任，以教育部一流学科建设为契机，努力营造淡泊名利追求真理的科研文化氛围，紧密围绕学校地质学、地质资源与地质工程等优势与特色学科的建设目标，完善体制机制，优化内部结构，建设创新研究群体，产出一流科研成果，培养一流创新人才，以局部突破推进学校整体科技发展，助力提升学校科技核心竞争力。

来华留学生研究生指导教师名单（中文授课）

院系代码	院系名称	学科名称	指导教师
501	科学研究院	地质学	李 林 王 瑞 王 瑜 朱弟成

来华留学生研究生指导教师名单（英文授课）

院系代码	院系名称	学科名称	指导教师
501	科学研究院	地质学	李 林 王 瑞 王 瑜 朱弟成

General Information

The China University of Geosciences, Beijing (CUGB) is situated on Xueyuan Road, in the Haidian District of Beijing, China—an area which houses many illustrious academic institutions. It is a national key university of the People's Republic of China, administered directly by the Ministry of Education, which established the University in partnership with the Ministry of Natural Resources. In 2017, CUGB was selected into the Double First Class Disciplines University¹ plan.

CUGB evolved from the Beijing Institute of Geology, which was formed in 1952 by merging the Departments of Geology of Peking University, Tsinghua University, Tianjin University and the Tangshan Institute of Railways. CUGB is therefore a university with a profound heritage as well as its own distinctive features. In 1970, the Beijing Institute of Geology moved its campus to Wuhan. In 1978, under the direct care of Comrade Deng Xiaoping, operations of the Beijing Institute of Geology were resumed at the original campus in Beijing. Established in both Beijing and Wuhan in 1987, the China University of Geosciences in Beijing (CUGB) was one of the first 33 universities in China to pilot graduate schools, and was among the first batch to enter the ranks of Project 2112 and Project 985 Innovative Platforms for Key Disciplines³. In February 2000, responsibility for CUGB passed from the Ministry of Land and Resources to the Ministry of Education. In March 2005, the original university campus closed, and university management is now carried out respectively in Beijing and Wuhan.

CUGB has always carried forward the fine tradition of combining geological education with scientific research and practice in the service of the

Chinese nation. The core values of the University are "loving the motherland, enduring hardship, being a pioneer, and daring to explore". In pursuing these values, the university has shouldered the glorious mission of being a trailbreaker for socialist construction, cultivating a great many specialized geological personnel who are urgently needed to support the economic development of the nation. Through arduous struggle and continuous self-renewal, the university has made an indelible contribution to the burgeoning industries of the New China and to the development of geological field. The university itself represents a distinctive character—vigorous, brave, steadfast, and becoming ever stronger in adversity.

CUGB now has 16 schools, 41 undergraduate programs, 16 doctoral degree conferring spots of first-level disciplines, 33 master's degree conferring spots of first-level disciplines, and 14 master's degree conferring spots in professional fields. There are 16,466 full-time students, including 8,389 undergraduates, 6,177 postgraduates, 1,682 doctoral candidates, and 218 overseas students including students from Hong Kong, Macao and Taiwan as well as overseas Chinese. The university campus covers a total area of 5,258,443 square meters and in addition, there are practical geological field stations in Zhoukoudian, Beidaihe, and Pingquan, Hebei.

CUGB is a research-oriented university with geology, natural resources, and environment study as its principal fields, covering science, engineering, liberal arts, management, economics, law, and other disciplines. Two disciplines—geology, geological resources and geological engineering—were selected as national "Double First Class" disciplines, and two disciplines received A+ in the fourth round of discipline evaluation carried out by the Ministry of Education. The six disciplines of geosciences, engineering science, environment/ecology, materials science, chemistry, and computer science are

in the top 1% of the ESI, with geosciences being in the top 1‰.

CUGB has a high-calibre faculty team with 2,192 teaching and administrative staff, including 982 full-time lecturers, 259 professors, 399 associate professors and 353 Ph.D supervisors. Among its staff, CUGB is home to ten academicians of the Chinese Academy of Sciences, one academician of the Chinese Academy of Engineering, eight teachers who have been selected for the national-level “Hundred-Thousand-Ten Thousand Project”, fourteen teachers who have received the National Science Fund for Distinguished Young Scholars, four Distinguished Professors of "Changjiang Scholars", one teacher who won the National Renowned Teachers Award, two teachers who won the title of ‘national excellent teacher’, one teacher who won the title of ‘excellent teacher’ in the National “Ten Thousand Programme”, a Huang Danian-style teaching team for colleges and universities in China, a national excellent teaching team, eleven winners of the National Excellent Young Scientists Fund, three young "Changjiang Scholars", twenty-two teaching masters in Beijing, and three famous young teachers in Beijing. CUGB also hosts 15 post-doctoral research centers.

CUGB has an outstanding reputation for talent cultivation. The university has always regarded strengthening moral education and cultivating people as its most fundamental task, and has cultivated more than 200,000 excellent talents for the nation. A large number of them have become elites in their fields, represented by Comrade Wen Jiabao. Forty graduates have been elected as academicians of the Chinese Academy of Sciences and/or the Chinese Academy of Engineering, and more than two hundred graduates have become model workers at provincial and ministerial levels. CUGB adheres to the objective of training high-calibre talents with "good morality, solid foundations, broad knowledge, and profound professional commitment". The

university maintains talent training as its core mission and undergraduate education its fundamental task, forming an education system that merges "liberal education, professional education, innovation and entrepreneurship education". CUGB has ten undergraduate majors that have been selected as first-class majors with distinctive advantages, eleven national-level excellent courses, two national-level experimental teaching demonstration centers, and one national-level virtual simulation experimental teaching center. Students actively participate in various competitions, provide voluntary services, social practice, innovation and entrepreneurship activity, as well as artistic and athletic competitions, in all of which they have achieved excellent results.

CUGB is a crucial base for national geoscientific research. With its effort in strengthening scientific and organizational planning , outstanding achievements have been made in areas such as scientific research projects, high-level academic accolades, scientific research awards winning, scientists training, scientific research platform construction, intellectual property building, IP transformation, etc. CUGB has made important contributions to the understanding of the geological evolution of the Qinghai-Tibet Plateau and also to non-traditional isotope geochemistry, geological processes and mineralization, ultra-deep drilling, polar research, etc. Many papers have been published in top international journals such as Nature, Science, and Nature Geoscience. In the past five years, CUGB faculty members have won forty-four national, provincial, and ministerial-level technology awards as the first completion unit. The school has established the Geological Processes and Mineral Resources National Key Laboratory, National Mineral Rock and Fossil Resources Infrastructure for Science and Technology Platform as well as 17 scientific and research platforms varying from Key Laboratories of the Ministry of Education, Key Laboratories of the Ministry of Natural Resources,

Engineering Centers, to ministerial and provincial-level scientific research platforms. CUGB promotes development of the “five bigs”—big discipline building, big scientific programs, big scientific facilities, big science and technology projects, and big resource platforms—to accelerate the transformation and upgrading of traditional geoscience to systematic earth science.

CUGB is active in international exchange and cooperation, having signed cooperation agreements with a number of top universities and high-level research institutions such as the University of California, Los Angeles; the Colorado School of Mines, USA; the University of Waterloo, Canada; the University of Edinburgh and University of Birmingham, UK; the University of Hanover and the Helmholtz Potsdam Center, Germany; and the University of Sydney and Macquarie University, Australia. Exchanges and cooperative relationships have also been established with over two hundred universities and scientific research institutions in more than sixty countries and regions. The school has been approved to establish 4 Project 111 Programs (Program of Introducing Talents of Discipline to Universities) and has been carrying out multiple Foreign Expert Recruitment Scheme, one of CUGB’s foreign experts has received the Chinese Government’s Friendship Award. In accordance with the “20 + 20” Cooperation Plan for Chinese and African Institutions of Higher Education, CUGB has established a Confucius Institute at the University of Namibia.

Stepping into a new era, and striding forth on a new journey, CUGB adheres to the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, acts according to the university motto of "hardworking and plain-living, being realistic and pragmatic ", and is implementing a "three-stage" strategic concept for the 100th anniversary of

the establishment of the university. CUGB continues to strengthen moral education and cultivate its people, carrying out appropriate "landing actions". The university unswervingly follows the path of connotative development, concentrates on construction, wholeheartedly seeks development and improvement, constantly drives change in its development towards a world-class university in the field of geoscience, and continues to make new and greater contributions to achieving the Two Centenary Goals and the great Chinese dream of rejuvenation of the Chinese nation!

1 The Double First Class Disciplines University Plan is a Chinese government plan conceived in 2015 to comprehensively develop individual university departments into world class disciplines by the end of 2050.

2 Project 211 is a project of National Key Universities and colleges initiated in 1995 by the Ministry of Education of the People's Republic of China, with the intent of raising the research standards of high-level universities and cultivating strategies for socio-economic development.

3 Project 985 Innovative Platforms for Key Disciplines is a project initiated by the Ministry of Education of the People's Republic of China as part of the national endeavor to build world-class universities in the 21st century.

**Table 1. List of Disciplines for Postgraduate Enrollment
(Taught in Chinese)**

Discipline Fields	Discipline Code	Discipline Name	Admissions Type
Economics	0202	Applied Economics	Master, Doctor
Pedagogy	0403	Physical Education	Master
Letter	0502	Foreign language and literature	Master
Neo-confucianism	0701	Mathematics	Master
	0702	Physics	Master
	0703	Chemistry	Master
	0707	Marine Science	Master, Doctor
	0708	Geophysics	Master, Doctor
	0709	Geology	Master, Doctor
	0710	Biology	Master
Engineering	0805	Materials Science and Engineering	Master, Doctor
	0810	Information and communication engineering	Master
	0811	Control Science and Engineering	Master, Doctor
	0812	Computer Science and Technology	Master
	0814	Civil engineering	Master, Doctor
	0815	Hydraulic Engineering	Master, Doctor
	0816	Surveying and Mapping	Master, Doctor
	0818	Geological Resources and Geological Engineering	Master, Doctor
	0820	Oil and Gas Engineering	Master, Doctor
	0830	Environmental Science and Engineering	Master, Doctor

Discipline Fields	Discipline Code	Discipline Name	Admissions Type
	0837	Safety Science and Engineering	Master, Doctor
Management	1201	Management science and Engineering	Master, Doctor
	1202	Business Administration	Master
	1204	Public Management	Master, Doctor
Art	1305	Design science	Master

**Table 2. List of Disciplines for Postgraduate Enrollment
(Taught in English)**

Discipline Fields	Discipline Code	Discipline Name	Admissions Type
Economics	0202	Applied Economics	Master, Doctor
Pedagogy	0403	Physical Education	Master
Neo-Confucianism	0707	Marine Science	Master, Doctor
	0708	Geophysics	Master, Doctor
	0709	Geology	Master, Doctor
	0710	Biology	Master
Engineering	0815	Hydraulic Engineering	Master, Doctor
	0816	Surveying and Mapping	Master, Doctor
	0818	Geological Resources and Geological Engineering	Master, Doctor
	0820	Oil and Gas Engineering	Master, Doctor
	0830	Environmental Science and Engineering	Master, Doctor
Management	1201	Management Science and Engineering	Master, Doctor
	1202	Business Administration	Master

Table 3. List of Doctoral Student Enrollment of Each School

School code	Name	Programs	Doctor (taught in Chinese)	Doctor (taught in English)
301	School of Earth Sciences and Resources	Geology	√	√
		Geological Resources and Geological Engineering	√	√
		Management Science and Engineering	√	√
302	School of Engineering and Technology	Civil engineering	√	
		Safety Science and Engineering	√	
		Geological resources and geological engineering	√	√
303	School of Materials Science and Technology	Materials Science and Engineering	√	
304	School of Information Engineering	Surveying and Mapping	√	
		Control Science and Engineering	√	
305	School of Water Resources and Environment	Geology	√	√
		Hydraulic Engineering	√	√
		Geological Resources and Geological Engineering	√	√
		Environmental Science and Engineering	√	√
306	School of Energy Resources	Geological Resources and Geological Engineering	√	√
		Oil and Gas Engineering	√	√
307	School of Humanities and Economic Management	Applied Economics	√	√
		Management Science and Engineering	√	√

School code	Name	Programs	Doctor (taught in Chinese)	Doctor (taught in English)
310	School of Geophysics and Information Technology	Control Science and Engineering	√	
		Geophysics	√	√
		Geological Resources and Geological Engineering	√	√
311	School of Ocean Sciences	Marine Science	√	√
312	School of Land Science and Technology	Public management	√	
		Surveying and Mapping	√	√
319	School of Science	Materials Science and Engineering	√	
		Control Science and Engineering	√	
501	Academy of science	Geology	√	√
		Geological Resources and Geological Engineering	√	√

Enrollment Guide of China University of Geosciences (Beijing) for International Students of Doctoral Programs

Name: China University of Geosciences (Beijing)

Agency Number: 11415

Correspondence Address: No.29, Xueyuan Road, Haidian District, Beijing;

Postal code: 100083

Phone Number: +86-10-82321210, 82322951

Contact: International Cooperation and Exchange Office

Plan of Admission

CUGB accepts international students at the following levels: doctoral students, master's students, undergraduate students, Chinese language students, advanced students and general students. We can accept Chinese government scholarship and Beijing Municipal Scholarship for international students.

Time for Application

1. Self-funded student: From October 15, 2022 to June 30, 2023

2. Chinese Government Scholarship: From October 15, 2022 to February 15, 2023

Conditions for Applying

(1) Foreign citizens who are physically and mentally healthy, law-abiding and holding valid passports.

- (2) Doctoral applicants under the age of 40.
- (3) Applicants should have a degree equivalent to a Chinese degree.
- (4) To apply for Chinese-taught majors in CUGB, you need a Chinese proficiency certificate of HSK-4 (inclusive) or above. To apply for English-taught majors in CUGB, you need the corresponding language skills.

Documents for Applying (Doctor)

- (1) Application form (Can be downloaded from <https://gjhz.cugb.edu.cn/c/2021-09-10/698475.shtml>).
- (2) Academic diploma: a photocopy of the applicant's latest academic diploma or certificate of university education.
- (3) Academic record: The original transcript of academic record (A photocopy of the transcript will not do).
- (4) Study plan in China.
- (5) Two reference letters for Doctoral degree.
- (6) A photocopy of the applicant's passport.
- (7) Original Health Exam Form. (use the Health statement Instead)
- (8) A photocopy of HSK-4 certificate.
- (9) Certificate of No Criminal Record. (use the No crime statement instead)
- (10) A photocopy of the applicant's emergency contact (can be a passport, license, or other official ID) .
- (11) 10 two-inch blue background colored-photographs after enrollment.

Length of Schooling, Tuition, Accommodation & Other Living Fees

- (1) Length of Schooling

Bachelor's Degree (4 years), Master's Degree (3 years), Doctoral Degree (4 years).

(2) Application fee

RMB 500 Yuan.

According to school documents, tuition rates are as follows:

(3) Tuition fee

For bachelor's degree RMB 26000 ~39000 Yuan (about US\$4300) per year;

For Master's degree RMB 28000~42000 Yuan (about US\$4600) per year;

For Doctoral degree RMB 35000 Yuan (about US\$5800)per year.

(4) Accommodation

International student dormitory is equipped with separate washrooms, showers and air-conditioning facilities, as well as a public laundry room. There are 2 people in each room, 1200-1500 yuan per person per month. Accommodation fees can be paid on a semester or monthly basis.

Hot water fee: 0.2 yuan per minute for hot water for bathing, register a water bill account and recharge, log in to the account to use.

Laundry fee: 3 to 5 yuan per time, paid by scanning the QR code of the public washing machine.

Electricity fee: The free electricity consumption limit is 10 kWh/person/month, and you can purchase it by yourself after exceeding the limit.

Network fee: The campus network is charged 5 yuan/10G.

International students can also freely choose to rent other types of rooms, which are easier to find around within the campus. The rental price is

generally RMB 4,500-6,000 per month for one bedroom and one living room, and RMB 6,000-8,000 per month for two bedrooms and one living room. The room fee is generally paid once every three months or half a year.

(5) Medical insurances

Medical insurance (RMB 800/person/year) for international students in China is compulsory and must be purchased by every international student studying in CUGB.

Scholarship

Chinese Government Scholarship

Chinese Government Scholarship (Type A)

Applicants submit their applications directly through the local embassy or consulate general. Please query the contact information of the Chinese embassies consulates abroad through the website of the Chinese Ministry of Foreign Affairs. The application time is generally from November of the current year to April of the next year. When filling the "applicant institution" in the Application Form, please fill in "China University of Geosciences (Beijing)" as the first volunteer office. It is suggested that applicants should apply to the embassies and consulates abroad after confirming the receipt of the pre admission notice. The deadline for application and other relevant information should be subject to the embassies and consulates abroad.

Chinese Government Scholarship (Type B)

1.Scholarship Coverage and Standard:

(1) The CSC scholarship students will be immune from register fee, tuition, experiment fee, practice fee and dormitory fee on campus.

(2) The CSC scholarship students will get support of living fee. The

standards of living fee are RMB 2500 Yuan per month for Bachelor Degree students, RMB 3000 Yuan per month for master degree students, RMB 3500 Yuan per month for PhD degree students.

(3) CSC scholarship will also cover out-patient medical service and Health Insurance to each international student.

2.Application Conditions:

(1) A valid passport.

(2) Undergraduate applicants are under the age of 30, master's applicants under the age of 35, and doctoral applicants under the age of 40.

(3) Applicants should have a degree equivalent to a Chinese degree.

(4) If your study language is Chinese, for doctoral students need HSK-4. If your study language is English for doctoral students, please submit proof of achievement in English.

3.How to apply online:

(1) Login the website:

<https://studyinchina.csc.edu.cn/> , register and upload materials as required.

(2) Program Category Type B

Agency No.: 11415.

(3) Login the website:

<https://cugb.17gz.org/>, register and upload materials as required.

Beijing Government Scholarship

After receiving the admission report, you can apply directly to the relevant schools.

Accommodation, meals, study conditions

CUGB provides international students with dormitory accommodation on campus(2 people for each room). All rooms are equipped with Internet terminals, separate washroom and shower facilities. There is a communal laundry room in the dormitory.

International students studying in CUGB can apply for a campus card for dining in multiple student restaurants. In addition, the school has a Muslim restaurant.

Students attend classes in different classroom buildings.

Contact Information:

Contacts: Huang Xu

Phone: +86-10-82321210; +86-10-82322951

Fax: +86-10-82322951

E-mail: huangxu@cugb.edu.cn

Office address: Room 415, Office Complex, China University of Geosciences (Beijing)

Mailing address: International Cooperation and Exchange Office, China University of Geosciences (Beijing), No.29, Xueyuan Road, Haidian District, Beijing;postal code: 100083;

Website: <https://bm.cugb.edu.cn/gjhzyl-en/study-in-cugb/admission/>

Table 4. Contact Information of School

School Code	Name	Teacher-Name	Phone Number	Emali
301	School of Earth Sciences and Resources	Teacher Zhang	+86-10-82322264	zhangqian@cugb.edu.cn
302	School of Engineering and Technology	Teacher Li	+86-10-82322624	925752921@qq.com
303	School of Materials Science and Technology	Teacher Song	+86-10-82322972	songyuan@cugb.edu.cn
304	School of Information Engineering	Teacher Zhu	+86-10-82323183	1640993019@qq.com
305	School of Water Resources and Environment	Teacher Chen	+86-10-80323917	chenliuyi@cugb.edu.cn
306	School of Energy Resources	Teacher Xiao	+86-10-82322754	xiaochang@cugb.edu.cn
307	School of Humanities and Economic Management	Teacher Zhang	+86-10-82322518	zhangjiextso@163.com
308	Foreign Language Department	Teacher Zhang	+86-10-82322423	zhangshuoalice@163.com
309	School of Gemology	Teacher Hu	+86-10-82322227	huzhe@cugb.edu.cn
310	School of Geophysics and Information Technology	Teacher Li	+86-10-82321889	liting@cugb.edu.cn

School Code	Name	Teacher-Name	Phone Number	Emali
311	School of Ocean Sciences	Teacher Sun	+86-10-82322162	nysunxiaowei@126.com
312	School of Land Science and Technology	Teacher Niu	+86-10-82321807	yalin332@126.com
314	Department of Physical Education	Teacher Li	+86-10-82323861	249248948@qq.com
319	School of Science	Teacher Li	+86-10-82323426	zx2020@cugb.edu.cn
501	Institute of Earth Sciences	Teacher Zheng	+86-10-82323419	keying@cugb.edu.cn

301 School of Earth Sciences and Resources

The China University of Geosciences, Beijing (CUGB) is a multidisciplinary national key university administered directly by the Ministry of Education. The university's principal disciplines are geology, resources, environment, geoengineering technology, territorial resources surveys, and rational utilization and protection of resources. CUGB was one of the first 33 universities in China to pilot graduate schools, and the first to enter the ranks of "Project 211". The university evolved from the Beijing Institute of Geology, which was formed in 1952 by merging the Departments of Geology of Peking University, Tsinghua University, Tianjin University, the Tangshan Institute of Railways, and others.

The School of Earth Sciences and Resources was one of the initial schools to be established along with the foundation of the Beijing Institute of Geology in 1952. It is among one of the schools within CUGB that has the longest history and strongest faculties in CUGB. It evolved from the large Department of Mineral Geology and Prospecting and Exploration of the former Beijing Institute of Geology. In 1991, Departments I, II, and III, the central laboratory, and the Department of Geological History Study were merged into the Department of Geology and Mineral Resources, which was renamed as the School of Earth Sciences and Resources in 1999. In its course of sixty years of trial and hardship, the school has developed its traditions of emphasizing teaching, advocating science, seeking after truth, being practical, and pursuing excellence. The school hosts a distinguished community of geoscience masters of noble character and high prestige, including Academician Zhao Pengda, Academician Yu Chongwen, Academician Zhai

Yusheng, Academician Zhang Benren, Academician Jin Zhenmin, Academician Mo Xuanxue, and Academician Gaoshan. Over the past sixty years, the school has cultivated a large number of high-calibre talents, including over twenty academicians of the Chinese Academy of Sciences and of the Chinese Academy of Engineering. Many outstanding graduates have become national scientific and technological stalwarts, educational experts, and management specialists, and some have also served as leaders in the Communist Party and government departments.

At present, the school has 123 teaching and administrative staff, including 65 professors and 36 associate professors (of whom 61 are Ph.D supervisors). There are also 48 part-time employed Ph.D supervisors. A large majority of the teaching body (84%) hold doctorates, and 12.8% have master's degrees. There is also a burgeoning group of young academic leaders. Some of these are winners of the National Science Fund for Distinguished Young Scholars, the Cross-century Talent Fund of the State Education Commission, and the Cross-century Talent Fund of the Ministry of Land and Resources. They are young academic leaders and outstanding young core teachers in colleges and universities in Beijing. One teacher won the National Prominent Teacher Award. Another won the National Renowned Teachers Award. Four were winners of the Beijing Renowned Teachers Award. The school has a team that was selected as Excellent Teaching Unit by the Ministry of Education.

To meet the need for reform of both the education system and the science and technology system, the school has established a professional discipline structure that combines both science and engineering related disciplines, along with geology and resources as the predominant feature. The school has 18 disciplines including Paleontology and Stratigraphy (including

Paleoanthropology), Geochemistry, Mineralogy, Petrology, Ore Deposit Geology, Structural Geology, Quaternary Geology, Mineral Resource Prospecting and Exploration, Geodetection and Information Technology, Cartography and Geographic Information Engineering, Photogrammetry and Remote Sensing, etc. Five of these disciplines—Paleontology and Stratigraphy (including Paleoanthropology); Geochemistry, Mineralogy, Petrology; Ore Deposit Geology; Mineral Resource Prospecting and Exploration; and Structural Geology—are national key disciplines. Two disciplines—Quaternary Geology and Cartography, and Geographic Information Engineering—are provincial and ministerial key disciplines. There are three majors for undergraduate enrollment: Geology, Geochemistry, and Resource Exploration Engineering (Solid Mineral Resources). The school has seven teaching and research sections: stratigraphic paleontology, structural geology, geochemistry, mineral and rock, mineral deposition and exploration, remote sensing and geoscience information, and quaternary.

There are three postdoctoral research stations respectively for the disciplines of geology, geological resources, and geological engineering. The school enrolls doctoral candidates and postgraduates in 150 research directions of 16 disciplines. In order to echo with the overall "Project 211" construction of CUGB, the school focuses on the strategic development of three subject groups including geodynamics, the prospecting and evaluation of global events, and geoscience information. Overall consideration is given to discipline construction, high quality talent cultivation, and support for the construction of key laboratories. The school has 3,994 students, including 728 doctoral candidates, 1,329 postgraduates, 723 postgraduates in engineering, and 1,214 undergraduates.

The school has been in the forefront of developments, both domestically

and internationally, in geodynamics, earth rhythms and global geological events, lithoprobe and deep processes, genetic and prospecting mineralogy, metallogenic systems and regional metallogeny, discovery and development of non-traditional mineral resources, complexity in geological systems, geochemical dynamics, research on orogenic belts, etc. In recent years, the school's teachers have undertaken 973 National Projects and 863 Projects, together with a number of scientific and technological projects, National Natural Science Foundation of China projects, etc. More than fifty papers are accepted for publication annually by SCI, EI, ISTP and other distinguished journals and sources.

In recent years, the school has been involved in multilevel international academic and scientific research exchanges, including organizing the annual undergraduates' international field trips, arranging study abroad and academic exchanges for postgraduates, selecting young teachers to travel abroad for further study and scientific research collaboration, and hosting many internationally renowned academic figures to teach professional geological courses for undergraduates and postgraduates. The school has organized many international academic conferences and seminars as well as several training courses on "Resource Engineering in African Countries".

To encourage the development of students' practical abilities, the school has taken advantage of the rich geological features of the Western Hills of Beijing by establishing a field trip syllabus of major courses, including geological field practice at Beidaihe (2 weeks), field teaching practice at Zhoukoudian (6 weeks), and international field teaching practice (2 weeks). Many industry-university-research cooperation bases have been established (the Zhaoyuan Gold Mine Base in Shandong, the Yangshan Gold Mine Base in Gansu, the Yunmin Enterprise Base in Yunnan, the Yuntaishan Base in

Henan, a Regional Geological Survey Base in Tibet, the Inner Mongolia Mine Base, the Mudanjiang Gold Mine Base in Heilongjiang, the Quanxing Mining Company Base in Shandong, etc.).

In the future, the school will adhere to CUGB's philosophy of "feature and high quality" and its socialist orientation of "facing modernization, facing the world, facing the future". In terms of talent training, the school aims to cultivate high-level talents in geosciences, as well as high-quality inter-disciplinary talents who can adapt to the development of the geoscientific aspects of the socialist market economy. In terms of scientific research, the school will continue to strive to undertake major national and provincial scientific projects, actively participate in the construction of major national engineering projects, and actively serve the construction of both the local economy and the national industrial economy. Pushing the frontiers of earth sciences, CUGB will strengthen infrastructure construction, emphasize the characteristics of modern geoscience, broaden the fields of geoscientific research and services, produce high-quality talents, nurture high-level landmark achievements, and make major contributions to the earth science course and national economic construction.

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
301	School of Earth Sciences and Resources	Geology	Chen Jiawei; Chen Zhiguo; Deng Jun; Li Guobiao; Li Xiaowei; Mei Mingxiang; Meng Jun; Qiu Kunfeng; Qiu Liang; Sun Xiang; Tang Li; Wang Chengshan; Wang Da; Wang Yinhong; Xi Dangpeng; Xing Lida; Xu Lingang; Xue Shengchao; Yan Danping; Yang Guifang; Yuan Guoli; Zhang Da; Zhang Jianping; Zhang Shihong; Zhang Zhaochong; Zhao Zhidan; M.Santosh; Richard Goldfarb
		Geological Resources and Geological Engineering	Chen Qiuming; Deng Jun; Hou Tong; Li Xiaowei; Qiu Kunfeng; Tang Li; Wang Da; Xi Dangpeng; Xing Lida; Xu Lingang; Richard Goldfarb
		Management Science and Engineering	Yuan Guoli

Name list of postgraduate instructors for International students(Taught in English)

School Code	Name	Programs	Tutor
301	School of Earth Sciences and Resources	Geology	Chen Jiawei; Cheng Zhiguo; Deng Jun; Li Guobiao; Mei Mingxiang; Meng Jun; Qiu Kunfeng; Qiu Liang; Tang Li; Wang Chengshan; Wang Da; Wang Yinhong; Xi Dangpeng; Xing Lida; Xu Lingang; Xue Shengchao; Yan Danping; Yang Guifang; Yuan Guoli; Zhang Da; Zhang Jianping; Zhang Shihong; Zhang Zhaochong; Zhao Zhidan; M.Santosh; Richard Goldfarb
		Geological Resources and Geological Engineering	Chen Qiuming; Deng Jun; Hou Tong; Qiu Kunfeng; Tang Li; Wang Da; Xi Dangpeng; Xing Lida; Xu Lingang; Richard Goldfarb
		Management Science and Engineering	Yuan Guoli s

302 School of Engineering and Technology

The School of Engineering and Technology of the China University of Geosciences - Beijing (CUGB) was established in 1998. It is the successor of the Department of Prospecting Engineering and the Teaching and Research Section of Engineering Geology of the former Beijing Institute of Geology, which was founded in 1954 to facilitate the construction of the specialized discipline of geological engineering. In the past 60 years, the school has provided high-level academic certificate education in prospecting engineering, geological engineering, and other disciplines. Prospecting engineering was among the first disciplines to be granted the right to confer doctorates and master's degree as well as one of the first national key disciplines established in China. Geological engineering was re-confirmed as a key discipline in the latest review of national key disciplines in 2001.

The school has three postdoctoral research stations (geological resources and geological engineering, civil engineering, and safety science and engineering). There are also three doctoral stations (geological resources and geological engineering, civil engineering, and safety science and engineering), four master's stations (geological resources and geological engineering, civil engineering, mechanical engineering, and safety science and engineering), and four undergraduate majors (geological engineering, civil engineering, mechanical design and manufacture, and automation and safety engineering).

The school has 71 faculty members, including 60 full-time teachers, 7 laboratory technicians, and 4 administrative. Among the teachers, there are 11 PhD supervisors, 21 professors, 18 associate professors, 28 lecturers, and 3 teaching assistants. The vast majority of the full-time teachers (90%) have

doctoral degrees.

For years, graduates of the school have been widely welcomed in all walks of life, with the graduate supply-demand ratio remaining consistent at around 1:5.5. For decades, graduates of our school have played important roles in more than a dozen industries, including territorial resources, petroleum, metallurgy, non-ferrous metals, coal, railways, hydropower, architecture, urban construction, building materials, civil aviation, spaceflight, the nuclear industry, etc. They have also been engaged in related scientific research, teaching, and engineering construction or serve at prominent positions in governmental departments, playing an irreplaceable role in nation-building.

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
302	School of Engineering and Technology	Civil engineering	Huang Feng; Jia Suizi; Mei Gang; Xu Nengxiong; Zhang Bin; Zhang Zhongjian
		Safety Science and Engineering	Fan Yunxiao; Ji Huaijun; Pei Jingjing
		Geological resources and geological engineering	Chen Jian; Huang Feng; Sun Youhong; Wang Zhiqiao; Xu Nengxiong; Xue Qilong; Yue Wen; Zhang Bin

Name list of postgraduate instructors for International students(Taught in English)

School Code	Name	Programs	Tutor
302	School of Engineering and Technology	Geological resources and geological engineering	Chen Jian; Huang Feng; Mei Gang; Sun Youhong; Wang Zhiqiao; Xu Nengxiong; Xue Qilong; Yue Wen; Zhang Bin; Zhang Zhongjian

303 School of Materials Science and Technology

School of Materials Science and Technology has gradually developed experimental petrology, applied mineralogy, mineral crystal structure, crystal chemistry and other disciplines related to the university's core academic fields of geology, resources, the environment, and geological engineering since 1952. The school has gradually merged and integrated disciplines such as Materials Science and Engineering, Chemical Engineering and Technology, and Environmental Science and Engineering, pursuing innovation and development. The school evolved from the Department of Materials Science, which was founded in 1993. In 1999, the School of Materials Science and Engineering was established following institutional reorganization. Through years of development and continuous pioneering, the school has nurtured an educational philosophy to support and guide the effective utilization of resources and the development of new materials (including mineral materials, non-metal inorganic materials, polymer-based composites, nano-functional materials, etc.). The goal is to meet the nation's strategic needs for comprehensive utilization of resources, energy conservation and emissions reduction, low-carbon and environmentally-friendly industries for a circular economy. In doing so, the school has attained a prominent position, both within China and internationally, in the fields of non-metallic minerals, materials utilization of solid waste resources, etc. In 2015, the disciplines of materials science and chemistry of the school was listed in the top 1% of the ESI, making a crucial contribution to CUGB's overall achievement, with five of the university's disciplines listed in the top 1% of the ESI, confirming the institution's success in building a world-class university in the field of

geosciences.

The school has a postdoctoral research station, three doctoral stations, four master's stations, and two Master of Engineering stations. It offers three undergraduate majors, including one national key discipline, one provincial and ministerial key discipline, and one national characteristic specialty. Since its establishment, the school has nurtured a large number of PhD, master and undergraduate graduates, who are playing an important role in commercial enterprises, scientific research institutions, universities and colleges, management organizations, and in other sectors of the industries of new materials, chemical engineering, environmental protection, energy, building materials, metallurgy, territorial resources, etc.

The school has 55 faculty members. Every member of the teaching body has a doctoral degree, and more than two-thirds have overseas study experience, and 88% of them hold senior professional posts. Among the staff, the school have a winner of the Excellent Young Scientists Fund Project, a recipient of the Young Yangtze River Talent Project, a winner of the "Cross-Century Talent Fund", and four winners of "New Century Talent" of the Ministry of Education. We also have a recipient of the 100 Excellent Doctoral Dissertations of China, a recipient of the Award Nomination of 100 excellent papers, two recipients of the "Golden Hammer Award" and a recipient of the "Silver Hammer Award" for young geologists, a recipient of the "Huang Jiqing Young Geological Science and Technology Award", a recipient of the Hou Defeng Young Geologist Award, a recipient of the "Huo Yingdong Young Teacher Teaching Award", a recipient of the title of "Excellent Teacher of Beijing" and a winner of the title of "Beijing Advanced Individual in Teaching Ethics". In addition, the school has two outstanding teachers in Beijing, and three who won the title of "Science and Technology

Stars" in Beijing, with a municipal excellent teaching team and a school-level scientific and technological innovation team.

The school are moving towards reform and innovation. All faculty members are making great efforts for further achievements, laying a solid foundation for the continuing development of the school. Since its establishment, the school has celebrated a number of representative teaching and scientific achievements. In recent years, the school has won a second award of National Excellent Teaching Achievement and two first and second awards of Beijing Excellent Teaching Achievement. Four of textbooks edited by the school have been selected as Beijing Excellent Textbooks, one course has been selected as a Beijing Excellent Course, and more than 30 monographs and textbooks have been published. The school has achieved outstanding results in teaching and for many years has consistently ranked among the advanced units of teaching management in CUGB. In terms of scientific research, more than 100 national, provincial, and enterprise-commissioned scientific research projects have been completed, and more than 110 research projects are currently in progress. Many achievements have received provincial and ministerial awards. More than 500 SCI papers have been published and more than 60 patents for inventions have been authorized.

In recent years, discipline construction and school development have been combined. The layout of laboratories has been reviewed, planned, and revised and several new teaching and research platforms established, including several advanced materials laboratories, materials processing laboratories, laboratories for materials physical properties characterization, materials chemistry laboratories, and materials design and analog computation laboratories. Materials science, materials chemistry, and other

professional laboratories have been optimized and integrated. Our Experimental Center of Materials Science and Engineering has been established and is rated as a university-level experimental teaching center. The school has led the establishment of the "National Professional Laboratory for Development and Application of Mineral Rock Materials", the "Beijing Key Laboratory for Materials Utilization of Non-metallic Minerals and Solid Waste Resources", and the "National Circular Economy Engineering Laboratory". It has also been jointly involved in the establishment of the "Beijing Key Laboratory of Water Resources and Environment Engineering", the Beijing "Research and Development Base for Technology Innovation in Solid Waste Disposal", the Beijing "Demonstration Center for Experimental Teaching of Jewelry and Mineral Materials" and other scientific research and teaching platforms.

Looking forward to the future, we shoulder great responsibilities and keep forging ahead for new heights. We will continue to honor and pursue CUGB's philosophy of "features and high quality ", with our main development focus being on mineral materials, ceramics and refractory materials, polymer composites, nano-functional materials, comprehensive utilization of resources, etc. We will develop and grow materials disciplines with geological characteristics, build a distinctive brand specialty in materials science, explore new mechanisms for distinctive departmental management, and train distinctive, innovative talents in materials science. In the future, the school will play an even greater role in the fields of materials science, comprehensive application of resources, energy conservation and environmental protection for a circular economy in China.

Name list of postgraduate instructors for International
students(Taught in Chinese)

School Code	Name	Programs	Tutor
303	School of Materials Science and Technology	Materials Science and Engineering	An qi; Hu Yingmo; Liu Yangai; Lv Guocheng; Mei Lefu

304 School of Information Engineering

School of Information Engineering of China University of Geosciences (Beijing) (CUGB) evolved from the original Computer Application Department established in 1993. Following the expansion of the university and a series of major adjustments and mergers, the School of Information Engineering was officially established in 1999. Since then, the school has maintained and carried forward CUGB's fine traditions of hard work and plain living, adhering to the principle of school management featuring "characteristics and high quality", conforming to the development trends of higher education in the new era, keeping pace with the times and forging ahead in an innovative and enterprising spirit. Years of exploration and endeavor helped form clear strategies of education with proper disciplinary structure. The school gradually developed a distinctive edge in geoscience information engineering. The goal of talent training is to cultivate "ability to put theory into practice, strong sense of innovation, and all-around development".

The school has five undergraduate majors: Computer Science and Technology, Electrical Engineering and Automation, Geographic Information Systems, Electronic Information Engineering, and Software Engineering. Geographic Information Systems is a national-level specialty. The school has a first-level discipline doctoral station, a center for post-doctoral studies in Surveying and Mapping, and four first-level discipline master's stations (Computer Science and Technology, Control Science and Engineering, Information and Communication Engineering, and Software Engineering). These doctoral and master's stations accommodate academic and professional

postgraduates and also overseas students.

The school enrolls approximately 300 undergraduates and 100 postgraduates every year. The employment prospect for graduates is good. The average employment rate in the past three years has been more than ninety-five percent. The job qualities are fine, eighty percent of the graduates are employed in state-owned enterprises, listed companies, government agencies, public institutions, or other related departments in large and medium-sized cities.

The school provides comprehensive experimental facilities, proper laboratory equipment that are well managed. Every major has its own professional laboratories, which fully meet the needs of teaching and scientific research and offer an excellent environment for cultivating high-quality informatization professionals. The school has a Demonstration Center in Beijing (for Experimental Teaching of Computers), an Innovation Base (Information Technology), a Public Laboratory for Computer science, a Network Communications and Security Laboratory, a Computer Architecture Laboratory, a Computer Assembly and Maintenance Laboratory, a Geographic Information Systems Laboratory, a Parallel Computing and Visualization Laboratory, a Software Engineering Laboratory, a Computer Graphics Laboratory, an Electronic Electricians Laboratory, an Electrical Engineering and Automation Laboratory, an Electrical Intelligent Control and Application Laboratory, a System Control Laboratory, as well as a number of other specialized teaching and research laboratories. The laboratories cover an area of 2500 m² and is worth more than 20 million RMB. There are three jointly operating laboratories: a Microprocessor and Robot Laboratory, an Embedded System Laboratory (jointly constructed with Induk University, South Korea), and a Multi-core Computing Laboratory (jointly constructed with Intel

Corporation). In addition, the school has established more than ten information technology teaching practice bases in Beijing, with many research and development units. The school actively organizes and supports undergraduates from its various majors to participate in the Asian Collegiate Programming Contest, Robotac, the National Undergraduate Electronics Design Contest, etc., where they have achieved excellent results and have been among the best in Beijing.

At present, the school has 70 teaching and administrative staff, including 5 professors and 23 associate professors and senior engineers. Nearly 90% of full-time teachers have doctorates and the staff is all within a reasonable age range. In recent years, the school has recruited a number of experts and scholars from home and abroad, enlarging the academic team, strengthening scientific research capabilities, and improving the overall level of the teaching staff. Moreover, many domestic academicians and internationally renowned professors are specifically invited to join the teaching and scientific research team, which highlights our academic edge, extends our ability to participate in all kinds of academic exchanges and greatly improves our academic level.

The school encompasses a number of distinguished research institutions, including the Institute of Geosciences and Remote Sensing Information Service, the Institute of High-resolution LiDAR and Hyperspectral Imaging, the Institute of GIS Development and Application, a Research Center for Supercomputing, a 3D Geological Printing Laboratory, a Mobile Internet Technology Laboratory, a Big Data Technology Institute, and an Immersive Virtual Earth Science Laboratory. The school is included in the National High-tech R&D Program (863 Program), the Science and Technology Support program, special projects for public welfare, special geological survey projects, special oil and gas projects, the Natural Science Foundation, and

other specialized projects and tasks. It has received a number of provincial and ministerial science and technology awards, published SCI papers, the number of applied for and received authorized patents for inventions, etc.—accolades which are increasing year by year. The school has a distinctive and prominent profile in the fields of remote sensing applications, spatial analysis, land dynamic monitoring, service computing, parallel computing in geoscience, data mining, 3D geological printing, embedded software development, sensor technology, etc., and exerts extensive academic influence at home and abroad. Long-term academic exchange mechanism have been established with institutions in the United States, Canada, Australia, Hong Kong, Taiwan and other countries and regions, significantly raising the level of academic internationalization.

The school attaches great importance to the international training of students. Every year, well-known scholars from multiple countries come to the school as participants in academic exchanges. In 2010, the college initiated the "20+20" partnership assistance program for African universities, initiated by the Ministry of Education, and at the same time launched the "2+2" cooperative education project with the University of Waterloo in Canada. Participating students study for two years in the School of Information Engineering of China University of Geosciences (Beijing) and for another two years in the University of Waterloo to obtain dual degrees from both institutions, greatly enhancing their employment prospects and improving the quality of the graduate employment.

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
304	School of Information Engineering	Control Science and Engineering	Li Mei; Wang Yuzhu; Zhou Zhangbing
		Surveying and Mapping	Ming Dongping; Sun Dawei, Wang Yuzhu

305 School of Water Resources and Environment

School of Water Resources and Environment, formerly known as the Department of Hydrogeology and Engineering Geology of Beijing University of Geosciences, was founded in 1952. In 1992, it was renamed the Department of Environmental Science in order to meet the needs of discipline development. In 1998, after department reorganization, it became the Department of Water Resources and Environmental Engineering. It was given its current title in 2002.

The disciplines and majors of the school encompass four first-level disciplines: Environmental Science and Engineering, Hydraulic Engineering, Geological Resources and Geological Engineering, and Biology. At present, the school enrolls students in three undergraduate majors: Environmental Engineering, Hydrology and Water Resources Engineering, and Groundwater Science and Engineering. The majors for master's degrees include Biology, Hydrogeology, Civil Engineering, and Hydraulic Engineering. The majors for professional degrees include Environmental Engineering, Hydraulic Engineering, and Geological Engineering. Doctoral majors include Environmental Science and Engineering, Hydrogeology, Civil Engineering, and Hydraulic Engineering. First-level discipline doctoral stations in the school include Environmental Science and Engineering, and Hydraulic Engineering. There are also postdoctoral research stations for Environmental Science and Engineering, and Hydraulic Engineering. Hydrology and Water Resources is a city-level key discipline of Beijing, and Groundwater Science and Engineering is a national first-class specialty and city-level specialty of Beijing.

The school has 62 teaching and administrative staff, with 53 full-time teachers including 25 professors (15 of whom are PhD supervisors), 20 associate professors, and 2 winners of the National Science Fund for Distinguished Young Scholars. There are around 534 undergraduates, 384 postgraduates, and 109 doctoral students.

The school has "Beijing Key Laboratory of Water Resources and Environmental Engineering" and "Key Laboratory of Groundwater Circulation and Environmental Evolution of the Ministry of Education". It boasts 17 laboratories covering an area of about 3,200 square meters with equipment that is worth about 24 million RMB. A professional practice base for hydrogeology has been established in the Liujiang Basin in Qinhuangdao, Hebei, which has two innovation bases for industry-university-research cooperation and also operates as an environmental engineering practice site for the Beijing Drainage Company. These are crucial facilities for scientific research, experiments and practical training.

In recent years, the school has participated in the National High-tech R&D Program (the 863 Program), the National Key Basic Research Program (the 973 Program), the "Eleventh Five-Year" Plan projects supported by National Science and Technology, as well as major provincial and ministerial projects. The school won national second Prize for Progress in Science and Technology as well as 11 provincial and ministerial first and second prizes. The fields in which the school carries out scientific research include water resources development, utilization and protection, engineering hydrology, groundwater system simulation technology, environmental hydrogeochemistry, groundwater environmental engineering, water treatment engineering, environmental impact assessment, etc. Notable results have been achieved in the field of groundwater science research, particularly in the areas of fissure

water seepage, groundwater pollution control, groundwater resources evaluation and management, and coastal groundwater and geothermal water.

The school participates in a wide range of international exchange activities, and has engaged in international cooperation in scientific research and talent training with institutions in the United States, Canada, Japan, the Netherlands, Germany, Israel and other countries. Every year, we invite a number of distinguished foreign scholars to give lectures or deliver academic reports. We also send teachers abroad for advanced studies and international academic conferences.

Water resources and the environment are dominant issues for the survival and development of human society in the 21st century. Every member of our school—students, teachers, and staff—takes it as the direction for future research, embracing "modernization, international vision and future trends" with a spirit of "being realistic and pragmatic, constantly striving to become stronger". Guided by the principles of school management featuring "characteristics and high quality", we strive to create an excellent study environment highlighting "diligence, rigor, pragmatism and innovation". We make arduous efforts to keep pace with the times and to build a top-class teaching and research center with a strong focus on groundwater research for China.

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
305	School of Water Resources and Environment	Geology	Guo Huaming; Liu Mingzhu; Shi Zheming; Zhang Baogang
		Hydraulic Engineering	Hou Lizhu; Yu Qingchun
		Geological Resources and Geological Engineering	Liu Mingzhu
		Environmental Science and Engineering	Bi Erping; Chen Nan; Dai Yunrong; Guo Huaming; Hao Chunbo; He Wei; Hu Yuan' an; Yang Qi; Yao Jun; Zhang Baogang

Name list of postgraduate instructors for International students (Taught in English)

School Code	Name	Programs	Tutor
305	School of Water Resources and Environment	Geology	Guo Huaming; Liu Mingzhu; Shi Zheming; Zhang Baogang
		Hydraulic Engineering	Hou Lizhu; Yu Qingchun
		Geological Resources and Geological Engineering	Liu Mingzhu
		Environmental Science and Engineering	Bi Erping; Chen Nan; Dai Yunrong; Guo Huaming; Hao Chunbo; He Wei; Hu Yuan' an; Yang Qi; Yao Jun; Zhang Baogang

306 School of Energy Resources

The School of Energy Resources was founded in 1952, evolving from the Departments of Oil and Gas Geology, Combustible Minerals, Geological Exploration, and Energy Geology of the former Beijing Institute of Geology. It is the cradle for cultivating high-caliber talents in the field of energy exploration and development in China.

The School of Energy Resources has two postdoctoral research stations, three doctoral stations, five master's stations and two undergraduate majors. Of these, Mineral Resource Prospecting and Exploration is a national key discipline and Oil-Gas Field Development Engineering is a Beijing Municipality key discipline. Petroleum Engineering and Resource Exploration Engineering (new energy resources direction) are national specialties and Resource Exploration Engineering is an innovative experimental discipline for national talent training models. Since 2012, the school has participated in the "2+2" joint education program with the Missouri University of Science and Technology in the United States, and training programs have been introduced for national outstanding petroleum engineers and for comprehensive reform of the petroleum engineering specialty in China.

The School of Energy Resources is composed of three teaching and research sections: Petroleum Geology, Petroleum Engineering, and Energy and Environment. The faculty has notable strength and depth, including both knowledgeable, experienced professors and a group of up and coming young and middle-aged teachers who provide the 'backbone' of the teaching establishment. The school has 58 teaching and administrative staff in total, including 21 professors (17 of whom are PhD supervisors), 15 associate

professors, 14 lecturers, and 8 experimental technology and management teachers. In addition, there are 7 re-employed (retired) professors who act as PhD supervisors and 8 part-time professors. Most of the teachers hold doctoral degrees and have been engaged in advanced studies overseas, such as to the USA, the UK, Canada, Germany, and the Netherlands. Among all faculty members, two have been selected for the national-level “Hundred-Thousand-Ten Thousand Project”, three have won the Silver Hammer Award of National Young Geological Science and Technology, two have been selected into the program for supporting “New Century Excellent Talents in University” of the Ministry of Education, one has won the “Outstanding Young Teacher Award” of the Ministry of Education, one has won the “National Excellent Doctoral Dissertation”, two have won the title of “Outstanding Young Teacher in Beijing”, one has entered the Cross-century Talent Planning of the former Ministry of Geology and Mineral Resources, two have won the title of “Excellent Teacher in Beijing”, one has been elected as a member of the first National Energy Expert Advisory Committee, and one is the assessment expert for the National High-tech R&D Program (the 863 Program).

The School of Energy Resources boasts strong science research capability, constantly tracks the disciplines development trends around the world and remains at the forefront of domestic discipline development. Revolving around the geological exploration and development of coal, oil, and gas in sedimentary basins, a number of research fields with distinctive characteristics have been established, confirming the school’s position at the forefront of energy resources development in China. These areas include sedimentology, sequence stratigraphy, petroleum tectonics analysis, petroliferous basin analysis, coal and coalbed methane geology, hydrocarbon

accumulation dynamics, reservoir geology, organic geochemistry, natural gas geology, oil-gas field development geology, reservoir engineering, reservoir numerical simulation, and shale gas geological exploration and development. The school has participated in 165 scientific and research projects, including National Key Scientific and Technological Research Projects, National Climbing Projects, 973 Projects, and other key projects, as well as general projects supported by the National Natural Science Foundation of China and scientific research projects undertaken in cooperation with commercial enterprises. In the past five years, scientific research funds have totaled more than 300 million RMB, 11 scientific research studies have won provincial and ministerial science and technology awards, 15 monographs and textbooks—as well as more than 500 papers (over 70 SCI papers)—have been published, and four international/domestic academic conferences have been held.

The School of Energy Resources offers comprehensive experimental teaching conditions and experimental facilities, including a National Engineering Research Center (participating), three Provincial and Ministerial Key Laboratories, and hosts an Innovation Team of the Ministry of Education. The Energy Teaching and Experiment Center has 7 labs: the Energy Basic Laboratory, the Organic Geochemistry Laboratory, the Sedimentary Petrology Laboratory, the Petrophysics Laboratory, the Numerical Simulation Laboratory, the Oil-Gas Field Development Laboratory, and the Energy Information Analysis Laboratory. The Teaching Experiment Center of the School of Energy Resources offers relatively advanced equipments and access to experimental specimens of considerable research value accumulated over an extended period. In addition to support undergraduate and graduate teaching and postgraduate dissertation writing, the Teaching Experiment Center also provides services for related scientific research tasks. In 2009, the

center was approved as a Beijing Experimental Teaching Demonstration Center and, in 2012, as a National Experimental Teaching Demonstration Center.

According to the needs of discipline development and market demands, the School of Energy Resources constantly reviews and updates the professional content of courses. The curriculum combines the teaching characteristics and discipline advantages of the school, and supports the exploration and practice of models for the training of innovative talents. In 2008, two majors of the school were rated as national professional construction sites (Resource Exploration Engineering was rated as an innovation pilot zone of national talent training models, and Petroleum Engineering was rated as a national characteristic specialty). In 2009, the school's "Talent Training Model of Petroleum Engineering of Integrated Exploration and Development" won second place in the Beijing Excellent Teaching Achievement awards. In 2011, Petroleum Engineering was approved as a National "Excellent Engineer Plan", and Resource Exploration Engineering (New Energy Geology and Engineering) was approved as a national characteristic specialty. In 2012, Petroleum Engineering was approved as a "National Comprehensive Reform of Specialty", and the school's Industry-University-Research Cooperation Base in the Liaohe Oilfield was approved as a National Engineering Practice Education Center. In 2012, the "Construction and Practice of Diversified Cultivation Systems of Talents for Oil and Gas Exploration and Development" of the school won first prize in the Beijing Teaching Achievement awards.

For 60 years, the school has adhered to the spirit of excellence expressed as in "being plain in one's style of living, being realistic and pragmatic". Guided by its scientific outlook on development, the school bases its practice

on the schooling philosophy of "feature and high quality". In doing so, it conscientiously implements the educational policy set out by the Communist Party of China, maintains a socialist orientation and strives to cultivate high-quality innovative talents with "excellent morality, solid foundations, extensive knowledge, and profound professionalism". The school has become a first-class institution in China and an internationally renowned base for scientific research and talent training.

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
306	School of Energy Resources	Geological Resources and Geological Engineering	Cai Yidong; Gao Ping; Gao Zhiqian; He Dengfa; Hou Dujie; Jiang Zaixing; Li Shengli; Li Song; Liu Jingyan; Tang Xuan; Tao Shu; Wang Hongliang; Wang Hongyu; Xu Hao; Yao Yanbing; Zhang Jianguo; Zhang Jinchuan; Zhang Songhang; Zhang Yuanfu
		Oil and Gas Engineering	Gao Zhiqian; Hu Jinghong; Ju Binshan; Li Kewen; Li Zhiping; Liu Pengcheng; Tao Shu; Xu Hao; Yao Yanbing; Zhang Yuan

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
306	School of Energy Resources	Geological Resources and Geological Engineering	Cai Yidong; Gao Ping; Gao Zhiqian;He Dengfa; Hou Dujie; Jiang Zaixing;Li Shengli; Li Song; Liu Jingyan; Tang Xuan; Tao Shu; Wang Hongliang; Wang Hongyu; Xu Hao; Yao Yanbing; Zhang Jianguo; Zhang Jinchuan; Zhang Songhang; Zhang Yuanfu
		Oil and Gas Engineering	Gao Zhiqian; Hu Jinghong; Ju Binshan; Li Kewen; Li Zhiping; Liu Pengcheng; Tao Shu; Xu Hao; Yao Yanbing; Zhang Yuan

307 School of Economics and Management

The School of Economics and Management was formerly known as the Department of Humanities and Economics and Management. Established in 1993, the school has now expanded into a one with three disciplines covering economics, management, and law. Relying on the outstanding geoscience advantages of CUGB, the school has formed three research teams with distinctive features, including teams of Resources and Environmental Economics, Resource and Environmental Management, and Resource and Environmental Policies & Regulations.

At present, the School provides a post-doctoral station in management science and engineering; two first-level doctoral programs in management science and engineering and applied economics; five first-level Master's programs in applied economics, management science and engineering, business administration, public administration, and the law; and professional degrees including MBA, MPA, MPAcc, Master of Finance, and Master of Laws. Moreover, our School offers five undergraduate programs including business administration, accounting, economics, information management and information systems, and the law, among which business administration is a national first-class undergraduate program. At the same time, the School offers two bachelor's double degree programs in business administration and the law, and three minor bachelor's degree programs in economics, information management and information systems, and business administration for all the students of CUGB to train high-calibre talents with comprehensive skills.

The School has a faculty team with rich theoretical and practical

experience. The School currently has 93 faculty members, including 20 full professors and 35 associate professors, many of whom have been selected as New Century Excellent Talents of the Ministry of Education, Beijing Social Science Young Academic Leaders, and Beijing Social Science "Hundred Talents Project". In addition, the School employs more than 40 well-known domestic and foreign experts, entrepreneurs and government officials as adjunct professors or visiting professors. The School consists of 1 ministerial-level key laboratory (Key Laboratory of Resource and Environmental Carrying Capacity Evaluation of the Ministry of Natural Resources), 1 Open Laboratory of the Ministry of Natural Resources (Open Laboratory of Natural Resources Talent Evaluation), 1 school-level Key Laboratory of Resource and Environmental Management, 1 school-level teaching experiment center (Economic Management Teaching Experiment Center), 1 Law Laboratory (Moot Court), and 6 departments (Economics, Management Science and Engineering, Business Administration, Public Administration, accounting, and law).

Centering on the motto of "characteristics + quality" of CUGB and the grand goal of building a "world-class university in the field of earth sciences", the School adheres to both theoretical pedagogy and practical teaching, synchronizes the education of science, humanities, physical and psychological qualities. The School has tried out three major reforms, namely "faculty post appointment system", "credit system" and "undergraduate advisor system", by which new models of talent training is explored, and an "open joint school-running model" - international cooperation, joint training between enterprises and institutions are adopted so as to cultivate high-caliber talents that are open, innovative and practical with "good morals, solid foundation, broad knowledge, and profound professionalism". Taking the discipline

construction as pre-requisite, the School vigorously develops professional degree education, and strengthens the faculty construction and scientific research so as to build a high-level research-oriented college while enhancing key disciplines construction and characteristic disciplines.

In recent years, our School has made great progress. We were awarded Advanced Unit of Teaching Administration of CUGB in 2003, 2009, 2010, 2011, and 2013. In 2005, we were awarded Advanced Team of "Mass Education Innovation Project" by Beijing Federation of Trade Unions. In 2006, we were awarded Advanced Team of Beijing Education Trade Union. In 2016, we were rated as Advanced Worker's Home of Beijing Education Trade Union, "Advanced Basic-level Party Organization" of CUGB in 2005, 2007, and 2011, and "May 4th Red Flag Youth League General Branch" of Beijing in 2004. The Student Office of our School was awarded honorary Student Office for many times. Our faculty members are actively engaged in international academic exchange activities and have made frequent visits overseas of more than 40 times. They have published nearly 500 international SCI/SSCI indexed papers, presided over nearly 50 national competitive projects, and received more than 95 million RMB of scientific research grants and funds. The school also has established international cooperation in joint educational programs with foreign institutions to enhance innovative talents training and interdisciplinary development.

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
307	School of Humanities and Economic Management	Applied Economics	Li Li; Wu Sanmang; Yan Jingjing
		Management Science and Engineering	Gao Xiangyun; Huang Shupe; Kong Rui; Li Huaqiao; Liu Haiyan; Zhang Long

Name list of postgraduate instructors for International students (Taught in English)

School Code	Name	Programs	Tutor
307	School of Humanities and Economic Management	Applied Economics	Wu Sanmang; Yan Jingjing
		Management Science and Engineering	Gao Xiangyun; Huang Shupe; Kong Rui; Li Huaqiao; Liu Haiyan; Zhang Long

310 School of Geophysics and Information Technology

School of Geophysics and Information Technology (hereinafter referred to as the School), China University of Geosciences (Beijing) traces its root to the Department of Geophysical Exploration of Beijing College of Geology founded in 1952 and renamed as the School of Geophysics and Information Technology in 2002. Internationally famous geophysicists and CAS academicians Fu Chengyi, Gu Gongxu, Qin Xinling, Zeng Rongsheng, Liu Guangding, Yang Wencai, etc. once presided over and participated in the work of the School. Their profound scientific attainments and rigorous style of study have posed deep influences on the School's development.

At present, the School holds one state key second discipline "Geophysical Exploration and Information Technology", one ministerial and provincial key first discipline "Geodetection and Information Technology", and one first discipline "Control Science and Engineering". Among them, "Geodetection and Information Technology" is a "Double First Class" discipline, "Solid-earth Geophysics", a secondary discipline of "Geophysics" is a key municipal discipline of Beijing. The School consists of three undergraduate programs, i.e., "Geophysics", "Exploration Technology and Engineering", and "Measurement and Control Technology and Instrument" ; five master's degree awarding points, i.e., "Geophysics", "Geodetection and Information Technology", "Geological Engineering", "Control Science and Engineering" and "Electronics and Communication Engineering"; three doctor's degree awarding points, i.e., "Geophysics", "Geodetection and Information Technology" and "Control Science and Engineering", and two Post-doctoral Research

Centers, i.e., “Solid-earth Geophysics” and “Gedetection and Information Technology”.

The School comprises Departments of Geophysics, Exploration Technology and Engineering and Measurement and Control Technology and Instrument, and has built special scientific research teams for the research on “Deep Geophysical Exploration Technology”, “Marine Geophysical Exploration Technology”, “Resource Geophysical Exploration Technology”, “Energy Geophysical Exploration Technology”, and “Environmental and Engineering Geophysical Exploration Technology”, etc. The School has the Fifth Sub-lab of State Key Laboratory for “Geological Process and Mineral Resources” and the State Experimental Teaching Center for Geological Resources Exploration (Geophysics).

The School conforms to a “unique+excellent” school management theory, and keeps complete, fully reinforced and distinctively characteristic advantages in the orientations of gravity, magnetic, electronic, seismic, nuclear and logging disciplines in the applied geophysical field. It has been boosting the development of “Solid Geophysics”, forming excellent discipline orientations of magnetotellurics, seismology, space physics, etc. in the geophysics field. Besides, the School has taken geophysical equipment research and development (R&D) as its growth point, forming advantages and features in R&D of mineral resources and energy equipment, particularly marine resources prospecting, in the control science and engineering field.

Relying on the co-development mechanism of Ministry of Education and Ministry of Natural Resources, the School aims at national great strategic demands and international geosciences frontiers, and are faced with new problems challenging basic geology, minerals, oil and gas, marine, engineering, environment and disaster fields. The School is developing new

theories, methods, techniques, equipment and software of geophysics, continuously strengthen innovative talents, and intensify in-depth combination of production, teaching, research and application, international exchanges and cooperation, so to establish a domestic first-class, internationally known geophysics professional school for establishing a world-class university in the geosciences field.

The School owns a teaching and scientific research group, which is competent in various disciplines, moderate in scale, complementary to each other, rational in age structure, strong in teaching and scientific research, and innovative and cohesive in team building. The School has established multiple scientific research teams which are guided by leading academic members, supported by young and middle-aged scientists, closely cooperated in theory research, method and techniques research and practice and application, and of permanent innovation capability.

Currently, the School has 76 faculty members, including 25 professors, 27 associate professors, 15 lectures and 2 experimental teachers. Among the teachers, 96% has a doctoral degree and 56% has overseas learning experience; two are academicians of the Chinese Academy of Sciences, one is honored as the talent of National Science Fund for Distinguished Young Scholars, one is honored as the talent of National Science Fund for Excellent Young Scholars, three are honored as New Century Talents of Ministry of Education, one is honored as the talent of Cross-Century of the former Ministry of Lands and Resources, one is titled as Excellent Teacher of Beijing, three win the Silver Hammer Award, Youth Geology Technology Awards of Geological Society of China, four are young talents of colleges and universities in Beijing, and one is honored as one of Excellent Youth Scientific and Technological Talents of Ministry of Land and Resources.

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
310	School of Geophysics and Information Technology	Geophysics	Jin Sheng; Li Hongyi; Lu Jun; Qian Rongyi; Tan Handong; Wang Yun; Yang Tao; Zou Changchun
		Control Science and Engineering	Wang Meng
		Geological Resources and Geological Engineering	Chen Zhaoxi; Lu Jun; Qian Rongyi; Tan Handong; Wang Yun; Xu Jingling; Zou Changchun

Name list of postgraduate instructors for International students(Taught in English)

School Code	Name	Programs	Tutor
310	School of Geophysics and Information Technology	Geophysics	Jin Sheng; Li Hongyi; Lu Jun; Qian Rongyi; Tan Handong; Wang Yun; Yang Tao; Zou Changchun
		Geological Resources and Geological Engineering	Chen Zhaoxi; Lu Jun; Qian Rongyi; Tan Handong; Wang Yun; Xu Jingling; Zou Changchun

311 School of Ocean Sciences

The School of Ocean Sciences was established in 2004. It is the only ocean-related department among more than 70 public colleges and universities in Beijing. The university had already established an Institute of Marine Geology and Geophysics, which provided the foundation for the establishment of the School of Ocean Sciences. However, the institute, or "center", is different from the School of Ocean Sciences in nature, and it still exists and continues to play a separate role. The school has an undergraduate major in Marine Science, with Marine Geology and Solid Mineral Resources, Offshore Oil and Gas (including natural gas hydrate) Resources, Coastal Environment and Resources, and Marine Organism and Ecology as the main professional directions for training students. At higher cultural levels, the school has a first-level discipline post-doctoral station for Marine Science, a first-level discipline doctoral station for Marine Science and two master's stations for Marine Geology and Marine Chemistry. Of these, the Marine Geology doctoral station is a provincial and ministerial key discipline. In addition, in 2008, approval was obtained for the establishment of a key inter-discipline of Offshore Resources and Environment in Beijing. There are 337 undergraduates and 259 postgraduate students.

Teaching and research in Marine Geoscience are centered on marine geology, marine geophysics, marine geochemistry, marine geological resources, and related exploration technologies, which form the essential direction and features of marine discipline construction in CUGB. Supported by CUGB's traditional advantages and solid foundation in the field of earth sciences, discipline construction and talent training have developed rapidly.

The school has developed particular characteristics and prominence in marine gas hydrates, submarine seismic stratigraphy and sequence stratigraphy, deep sea sedimentology, continental margin tectonic evolution, ocean ridge and subduction zone geology, seabed solid minerals, marine micropaleontology, paleoceanography and past global change, and other basic research fields. In response to the needs of Chinese society and the development of the national economy, the school has increased investment and achieved excellent initial results in surveying and exploration for marine oil and gas resources, coastal environment and resource evaluation, and deep-sea cold spring biological community survey, etc. In striving to promote marine geosciences and to integrate closely with geological issues, discipline construction in the school also extends to chemical oceanography, biological oceanography, environmental oceanography, and other subdisciplines.

With the school as the core, CUGB has jointly established a number of units in cooperation with other institutions, such as the Marine Gas Hydrate Exploration and Development Technology Research Center, which is jointly operated with the Guangzhou Marine Geological Survey. The school has excellent cooperative relationships with the Guangzhou Marine Geological Survey, the Qingdao Institute of Marine Geology, the Tianjin Geology and Mineral Center, the First, Second, and Third Institutes of the State Oceanic Administration, the Institute of Oceanography, the Institute of Geography of the Chinese Academy of Sciences, and other marine-related peer colleges. Close academic links have also been established with international organizations such as IODF, IMAGES, and InterRidge, as well as universities and research institutes in the United States, Germany, France, Japan, Britain, Norway, and Australia.

More than 30 personnel from the school have participated in geological

surveys and global surveys involving the scientific research vessels J. Resolution, Chikyu, Marion Dufresgne, Sonne, Ocean No. 1, Ocean No. 4, Qiongsa No. 3, and others in locations around the globe, including the equatorial western Pacific, northeast Pacific, southwest Indian Ocean, North Atlantic and Arctic Oceans, as well as in the China sea, the Sea of Okhotsk, the Sea of Japan, the South China Sea of Japan, the Norwegian Sea, etc. In addition, dozens of personnel have participated in island and coastal zone surveys in the Xisha Islands, the Leizhou Peninsula, the Tianjin Binhai New Area, the Yangtze River Estuary, the Pearl River Estuary, the Liaohe River, etc.

Name list of postgraduate instructors for International students (Taught in Chinese)

School Code	Name	Programs	Tutor
311	School of Ocean Sciences	Marine Science	Jiang Zhenglong; Jiang Hongchen; Wu Huaichun; Xu Jie; You Xuelian

Name list of postgraduate instructors for International students (Taught in English)

School Code	Name	Programs	Tutor
311	School of Ocean Sciences	Marine Science	Jiang Zhenglong; Jiang Hongchen; Wu Huaichun

312 School of Land Science and Technology

School of Land Science and Technology was founded in the early 1950s as the Surveying Teaching and Research Section of the Beijing Institute of Geology. Professor Zhou Ka, a well-known geodesist in China, served as the first Head of the Teaching and Research Section. The department of Surveying and Mapping Engineering was established in 1994 and the department of Land Resources Management in 1999. The Department of Land Science and Technology was established in 2004 and upgraded to the School of Land Science and Technology in 2006. The department of land Consolidation Engineering was established in 2017.

The school has five departments: Survey and Navigation Engineering, Remote Sensing Geographic Information Engineering, Land Resources Management, Land Consolidation Engineering, and Public Policy. Jointly established the Key Laboratory of Consolidation and Rehabilitation; the Land Engineering Innovation Center; the Shanxi Key Laboratory of Resources, Environment and Disaster Monitoring; the Technology Innovation Center for Ecological Restoration in Mining Areas with the Ministry of Education and the Ministry of Natural Resources. Jointly established the Subcenter for International Cooperation and Research on Lunar and Planetary Exploration and other research facilities with the Ministry of Education.

The school offers three undergraduate majors: Surveying and Mapping Engineering (including an Excellence Program), Land Resources Management (including an Excellence Program), and Land Consolidation Engineering. There are two first-level discipline post-doctoral stations (Surveying and Mapping and Public Administration), a center for

post-doctoral studies (Surveying and Mapping), and four professional master's stations (Surveying and Mapping Engineering, Public Administration (MPA), Asset Evaluation, and Geological Engineering (land resources management)). The school has established discipline systems in Land Surveying and Mapping and GIS, and in Natural Resources Exploitation, Utilization, Regulation, Protection, and Management, which have become important new disciplinal growth points in CUGB. These disciplines feature Geodesy, Satellite Positioning Surveying, Photogrammetry and Remote Sensing, Geographic Information Systems, Land Resources Science, Land Economics, the Scientific basis of Land Law, Earth Observation Technology, Engineering Surveying, Digital Photogrammetry, Engineering GIS, Natural Resource Investigation and Registration, Territorial Spatial Planning, Territory Rehabilitation (Ecological restoration of mountains, rivers, forests, farmland, lakes and grass) and Inefficient Land Redevelopment among other specialisms. In 2008 and 2009, Land Resources Management was rated as both a Beijing and a National characteristic major. In 2011, Surveying and Mapping Engineering was rated as a Beijing characteristic major. Also in 2011, Surveying and Mapping Engineering and Land Resources Management were selected for the provision of training programs for outstanding engineers of the Ministry of Education. In 2012, Surveying and Mapping Engineering became an experimental major for comprehensive professional reform within the Ministry of Education.

The school has 50 teaching and administrative staff, including 10 professors, 17 associate professors, and 15 lecturers. Of the teaching staff, 29 hold doctoral degrees and 2 hold master's degrees. In addition, professors teaching part-time at the school include 11 distinguished experts and scholars from the Chinese Academy of Sciences, the Chinese Land Surveying and

Planning Institute, the Land Management Center of the Ministry of Natural Resources, the Chinese Academy of Surveying and Mapping, the Surveying and Mapping Bureau of China PLA General Political Department, the University of Waterloo in Canada, the Hong Kong Polytechnic University, and other institutions. Within the teaching faculty, there is a reasonable distribution of age, learning-origins, and professional titles, and there is a complete and well-established range of research specialisms. The platform and innovation team of Land Utilization Engineering Technology, which was established in 2004, has laid a sound foundation for the construction of new disciplines and further improvement of the quality of teaching and scientific research. The school is currently involved in more than 100 projects in the National High-tech R&D Program (the 863 Program), the National Key R&D Program of the Ministry of Science and Technology, the National Natural Science Foundation of China (major instrument development, key and general), the National Social Science Foundation, the Ministry of Natural Resources, the Ministry of Ecological Environment, the Ministry of Agriculture and Rural Affairs and other ministries and commissions. The school engages in cooperative research with the natural resources departments of more than 10 provinces and cities across China. In the past five years, the school has published 22 monographs and textbooks, and more than 500 papers at home and abroad.

The school has five laboratories with advanced experimental equipment for Survey Engineering, Digital Photogrammetry, Land Information Technology, MAPGIS Engineering, and Land Utilization Engineering. It also houses the municipal experimental teaching demonstration center of Beijing College of Land Surveying and Mapping GIS Engineering, which covers an area of 500 square meters. It has a world-class UAV aerial photogrammetry

system, GPS-CORS station and dynamic RTK measurement system, indoor ultra-wide band, WiFi, a video positioning and mapping system, a three-dimensional laser scanner, a ground-based interferometric radar survey meter, a measuring robot, a digital gyroscope, a total station, precision level, airborne and ground hyperspectral cameras, an ASD portable field spectrometer, a direct reading plasma spectrometer, a high-pressure closed microwave digestion system, and an HP graphics workstation, as well as a range of other instruments and equipment (a total of over 400 sets) and supporting software including GPS, photogrammetry, remote sensing, GIS teaching and scientific research software, a land utilization database system, etc. The school has established eight teaching and research practice bases: the Practice Education Center of the Training Program for Outstanding Engineers of Mine Land Consolidation and Surveying Engineering of CUGB-China Coal Pingshuo Group Co., Ltd (of the Ministry of Education), the off-campus talent training base of the Beijing "Chinese Academy of Surveying and Mapping-CUGB, Tsinghua University, China University of Mining and Technology (Beijing)", the Beidaihe Practice Teaching Base for Geological Cognition, the Zhoukoudian Practice Base for Surveying and Mapping and Land Survey, the Education and Practice base for Surveying of the Southern Company, the Fangshan Comprehensive Survey Technology Field Base of the Ministry of Land and Resources, the Land Reclamation and Ecological Reconstruction Field Base in the Pingshuo mining area, and the industry-university-research cooperation base in Jincheng, Shanxi. The Chairman Unit of No.5 Working Group of No. 4 Committee of the International Photogrammetry and Remote Sensing Association and the Professional Committee of Land Utilization Engineering of the Chinese Society of Agricultural Engineering are both attached to the school, providing

strong support for the teachers and students of the school in carrying out teaching and research.

The school implements the Communist Party of China's education policy, focusing on the fundamental task of fostering virtue through education. The school is led by the five development concepts of "innovation, coordination, environmental protection, opening, and sharing" and guided by innovation-driven development strategies. It recognizes the need to support economic and social development and aims to cultivate high-level talents in the field of territorial resources. CUGB's philosophy of "feature and high-quality" provides a guiding principle as the school actively carries out domestic and international exchanges and cooperative activities, continues to expand research fields, and cultivates inter-disciplinary talents that meet the needs of socialist modernization and construction in China.

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
312	School of Land Science and Technology	Surveying and Mapping	Kang Zhizhong; Wan Xiaoyun; Wang Yuebin
		Public management	Bai Yuping Cao Yingui; Feng Zhe; Wang Jinman; Zhang Jianjun(2010010009) ; Zhang Jianjun(2018010045) ; Zhao Huafu

Name list of postgraduate instructors for International students(Taught in English)

School Code	Name	Programs	Tutor
312	School of Land Science and Technology	Surveying and Mapping	Kang Zhizhong; Wan Xiaoyun; Wang Yuebin

319 School of Science

The Beijing Institute of Geology was established in 1952, and the present School of Science evolved from four of the institute's original departments: the Mathematics Teaching and Research Section, the Physics Teaching and Research Section, the Chemistry Teaching and Research Section, and the Chemical Analysis Section. In 2012, following a series of changes, CUGB decided to merge the physics and chemistry teaching and research sections of the School of Materials Science and Technology with the mathematics teaching and research section of the School of Information Engineering to form the School of Science. The school has four departments: Mathematics, Applied Mathematics, Physics, and Chemistry. It also has an Experimental Teaching Demonstration Center for Colleges and Universities in Beijing (the Physics Experimental Teaching Center), and a college-level experimental teaching demonstration center (the Chemical Experimental Teaching Center). It has a research-based laboratory (the Mathematical Model and Reservoir Simulation Laboratory) and an external service laboratory (the Chemical Analysis laboratory).

The school has one second-level doctoral station (Modern Mathematics and Control Theory), three first-level discipline master's stations (Mathematics, Physics, and Chemistry), three professional degree master's stations (Materials and Chemical Engineering, Applied Statistics, Electronic Information), one undergraduate major (Mathematics and Applied Mathematics), one Innovative Experimental Class, and one Ethnic Minority Preparatory Class.

The school has 80 teaching and administrative staff, including 13

professors, 32 teachers with senior professional titles, and 60 teachers holding doctorates. There are 488 students, including 28 university-preparatory students, 203 undergraduates and 257 postgraduate students.

Since 2012, the faculty of the school has undertaken more than 70 scientific research projects under the auspices of the National Natural Science Foundation of China as well as a variety of enterprises, institutions, etc. Over 140 papers have been published by SCIE.

In the Beijing Youth Teacher Basic Teaching Skills Competition, Zhao Junfang, Geng Fengjie and Fan Yushuang, all teachers in the school, won the municipal second prize, and Liu Xuanhe won the municipal third prize.

The school has two Famous Teachers in Beijing (Chu Baozeng and Zhao Changchun) and three Famous Teachers in CUGB (Chu Baozeng, Zhao Changchun, and Hao Huiying).

Sociometric development has given increasing prominence to high and new technology in basic subjects such as mathematics, physics, and chemistry, as well as in engineering disciplines and even the economic sphere. The demand for scientific talents in society is increasing. Students in mathematics and applied mathematics have been enrolled since 2000. The pass rate of students sitting the postgraduate entrance examination is high, and the employment situation of graduates is good, with the employment rate being above 95%.

Name list of postgraduate instructors for International students(Taught in Chinese)

School Code	Name	Programs	Tutor
319	School of Science	Mathematics	Zhao Junfang
		Materials Science and Engineering	Gao Hua; Gao Lu; Hao Huiying; Liu Hao; Liu Xuanhe; Wang Yafang; Wu Jing; Wu Xiuwen; Xing Jie; Zhao Changchun
		Control Science and Engineering	Huang Haochong; Wang Haiying; Zhao Junfang

501 Institute of Earth Sciences

Founded in 2011, Institute of Earth Sciences is a secondary institution which integrates the team of scientific research and innovation, experimental technology platform and team of administration and service in China University of Geosciences (Beijing). It is a special development zone by combining the characteristics of CUGB, following the rules of scientific research, integrating science and technology resources and exploring the integration of science and education.

Institute of Earth Sciences converges a group of leading talents with profound academic attainments from the advantageous fields of geology, resources, environment and geo-engineering technology of CUGB. It focuses on the major basic research direction of modern geology and geoscience extension to serve the major national needs and international research frontiers. With critical scientific problems as orientation, and the leading talents as the core team, the institute conducts the building of academic subject team and experimental technical team. It has formed six research groups including lithospheric structure, the continental convergence and the plateau uplift, metal isotopes and recycling of crust-mantle materials, magmatic-hydrothermal evolution and mineralization, deep life and environment evolution, and extreme environment biogeochemical cycle. In recent years, the groups have achieved a series of important research advances in the establishment and geological application of high-precision metal isotope analysis and testing methods, the growth process and mechanism of the Tibetan Plateau, the superficial response of the earth's deep processes, the composite orogenic process and the enrichment mechanism of ore-forming

elements, the evolution of the basin-mountain system and continental deformation.

Based on the State Key Laboratory of Geological Processes and Mineral Resources and the State Key Laboratory of Biogeology and Environmental Geology, the institute has built complete experimental platforms, with more than 20 laboratories including rock and mineral composition structure, isotope chronology, isotope geochemistry and paleomagnetism. Equipped with X-ray diffraction analysis, electron microscopic analysis, mass spectrometry, spectroscopy, magnetic method and other related instruments and equipment, it can satisfy the research needs of the main disciplines of geology. The related laboratories have passed the national metrology certification and established a unified open management platform. Following the principle of integrating scientific research, testing, teaching, and social service, the experimental platforms promote the development of the experimental test with scientific research, and support scientific research and talent cultivation with experimental test, achieving outstanding results. The high precision isotope analysis of Ca, Mg, Fe, Cu and mineral crystal structure research are at the international first-class level. The study of crystal mineralogy is at the leading level in China. In 2014, the study of pyrochrite superfamily minerals was listed as one of the Ten Advances in Geological Science and Technology by The Geological Society of China.

Institute of Earth Sciences practice the motto of "hard work and plain living, staying realistic and pragmatic" to promote national key laboratories and first-class discipline construction for the improvement of core competitiveness of science and technology and the innovation advantage field populations and outstanding talent cultivation. With the Ministry of Education discipline construction as an opportunity, it strives to create a scientific

research culture of pursuing truth, optimize the internal mechanism and structure, build innovative research group, produce first-class scientific research, and cultivate innovative talents for the development of characteristic discipline in geology, geological resources and geological engineering contributing to enhance the core competitiveness of science and technology of CUGB.

Name list of postgraduate instructors for International
students(Taught in Chinese)

School Code	Name	Programs	Tutor
501	Institute of Earth Sciences	Geology	Li Lin; Wang Rui; Wang Yu; Zhu Dicheng

Name list of postgraduate instructors for International
students(Taught in English)

School Code	Name	Programs	Tutor
501	Institute of Earth Sciences	Geology	Li Lin; Wang Rui; Wang Yu; Zhu Dicheng

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