



www.qidaokaoyan.com

北工大考研复试班 - 北京工业大学材料科学与工程考研复试经验分享

北京工业大学（Beijing University of Technology），简称“北工大”，是中国北京市人民政府直属的一所以工为主，理、工、经、管、文、法、艺术等学科门类相结合的全国重点大学，是国家“211工程”重点建设院校，入选“卓越工程师教育培养计划”、“111计划”，设有研究生院和国家大学科技园。

北京工业大学创建于1960年，初设机械、电机、无线电、化工、数理5个系，历经多次整合兼并，逐渐形成了理工、经管、文法相结合的多科性体制；学校于1981年成为第一批硕士学位授予单位，1985年成为博士学位授予单位。

启道考研复试班根据历年辅导经验，编辑整理以下考研复试相关内容，希望对广大考研复试学子有所帮助，提前预祝大家复试金榜题名！

专业介绍

材料科学与工程（英文名:Materials Science and Engineering，缩写 MSE）。在国务院学位委员会学科评议组制定和颁布的《授予博士、硕士学位和培养研究生的学科、专业目录》中，材料科学与工程属于工学学科门类之中的其中一个一级学科，下设3个二级学科，分别是：材料物理与化学、材料学、材料加工工程。材料科学与工程专业是研究材料成分、结构、加工工艺与其性能和应用的学科。在现代科学技术中，材料科学是国民经济发展的三大支柱之一。

招生人数与考试科目

0805 材料科学与工程	86	71	101 思想政治理论	
01 生态环境材料与资源循环技术			201 英语一或 203 日语	
02 难熔金属与稀土功能材料			302 数学二	
03 高性能结构材料			875 材料科学基础	
04 材料成形与加工				
05 光电信息与能源材				



www.qidaokaoyan.com

料				
---	--	--	--	--

复试时间地点

3月22日

各学院（部、所）复试安排（含相关学科 / 专业调剂系统开通时间、信息公示栏等）

各学院（部、所）复试时间如有微调，以学院（部、所）通知为准。

复试内容

复试内容包含外语、专业课与综合面试三个方面：

外语：所有复试考生均需参加外语听、说能力的测试。测试均由各学院（部、所）、学科/专业结合专业知识在复试时进行。

专业课：专业笔试科目考生可登录我校研招网查阅。专业课全面考核考生对本学科（专业）理论知识和应用技能掌握程度，利用所学理论发现、分析和解决实际问题的能力（有条件的可测试考生实验和操作技能）。

综合面试：包括专业素质与综合素质，具体包括大学阶段学习情况及成绩、对本学科发展动态的了解、在本专业领域发展的潜力，以及分析问题能力、实际经验、人文素质、举止及礼仪、心理状况等。

每名考生面试时间不少于20分钟。

加试：对以同等学力身份报考的考生、成人教育应届本科毕业生及复试时尚未取得本科毕业证书的自考和网络教育考生（报考工商管理、公共管理专业学位的考生除外）须加试（笔试）至少2门不同于初试科目的本科主干课程。每门科目考试时间为3小时，满分为100分。

政审：所有复试考生在复试期间或复试后（4月11日前）提交《北京工业大学2018年攻读硕士学位研究生政治审查表》（见附件3）至各学院（部、所）研究生招生秘书老师处。

心理测试：所有参加复试的考生均需按学校或各学院（部、所）的安排进行心理测试。

测试办法将另行通知。

复试比例

一志愿考生复试名单在北京工业大学研究生招生网及北京工业大学研究生招生微信公众号同时公布。参加复试考生以网上公布名单（不含2018已录取为我校的推免生）为准。复试采取差额复试，差额比例一般不低于120%。学校和学院（部、所）会根据各学科 / 专业



www.qidaokaoyan.com

生源情况，适当调整分专业拟招生计划。

复试成绩

学术学位硕士：复试总成绩满分为 100 分，其中外语听、说能力占 10%，专业笔试占 40%，综合面试占 50%；

专业学位硕士：复试总成绩满分为 100 分，其中外语听、说能力占 10%，专业笔试占 40%，综合面试占 50%；

复试成绩满分为 100 分。复试总成绩不合格者（ <60 ）不予录取。

对以同等学力身份报考的考生、成人教育应届本科毕业生及复试时尚未取得本科毕业证书的自考和网络教育考生（报考工商管理、公共管理专业学位的考生除外）加试课程的成绩不计入复试总成绩，但若有一门不合格者不予录取。

复试分数线

080500	材料科学与工程	34	34	51	51	282
--------	---------	----	----	----	----	-----

复试材料

一、参加复试的考生提供本人有效身份证件（身份证、应届本科毕业生还需持本人学生证）及有效身份证复印件 1 份（A4 纸复印）。

二、提供必须的学力证明

1. 应届本科生毕业生需携带加盖所在学校教务部门公章的在校期间学习成绩单。

2. 非应届本科生毕业生需携带学历证书原件及 1 份复印件。

3. 获得国家承认的大专毕业证书后连续工作两年或两年以上（从大专毕业到录取为硕士生当年的 9 月 1 日）的同等学力考生：除携带本人大专毕业证书外，还需按招生简章有关招生专业的要求，携带本人在国内外重要刊物或国际会议上公开发表的本学科领域的学术论文或已获的省部级科技成果奖的原件及复印件 1 份。

4. 对于学历证书有疑问的，要求其提供学历认证报告复印件（在考生报名阶段，系统筛查过学历信息，并已经提示有问题的考生做学历认证报告）。

三、考生须提供《北京工业大学 2018 年攻读硕士学位研究生政治审查表》，此表可

登录我校研招网下载（网址：<http://yanzhao.bjut.edu.cn>），于 2018 年 4 月 11 日

前寄（送）至考生报考学院。

四、所有复试考生均需携带两张 1 寸近期免冠照片（体检用）。

五、录取原则



www.qidaokaoyan.com

1. 学科 / 专业按加权总成绩由高到低依次录取（复试成绩小于 60 分，不予录取）

加权总成绩计算方法：

加权总成绩 = [初试成绩总分 \times $1/5 \times 50\%$] + [复试成绩总分 \times 50%]

MBA/MPA 加权总成绩 = [初试成绩总分 \times $1/3 \times 50\%$] + [复试成绩总分 \times 50%]

2. 录取工作纪律

所有参加复试及录取工作的人员都应认真、严格地执行教育部和北京教育考试院有关硕士研究生招生录取工作的各项规定，维护复试录取工作的公平、公正。

复试及录取工作实行回避制度，凡有直系亲属参加复试的人员，不得参加与复试及录取有关的工作。对有违反规定行为的单位和当事人，将视情节轻重给予批评教育或纪律处分，直至追究法律责任，以维护招生纪律的严肃性和公正性。

启道考研复试班整理复试经验如下：

考研复试：复试英语考察常见问题

据启道考研复试班老师总结：复试英语的考察有一些常见问题，比如“自我介绍”“考研原因”“研究生规划”“你的家乡”“你的家庭”“你的大学”，这几个问题大家最好提前准备准备，下面是为大家准备了模板，可以先熟悉起来。

1. 自我介绍 (self-introduce)

Good morning. I am glad to be here for this interview. First let me introduce myself. My name is ***, 24. I come from *****, the capital of *****Province. I graduated from the ***** department of *****University in July ,2001. In the past two years I have been preparing for the postgraduate examination while I have been teaching *****in NO. *****middle School and I was a head-teacher of a class in junior grade two. Now all my hard work has got a result since I have a chance to be interview by you .

I am open-minded ,quick in thought and very fond of history. In my spare time, I have broad interests like many other youngers. I like reading books, especially those about *****. Frequently I exchange with other people by making comments in the forum on line. In addition ,during my college years, I was once a Net-bar technician. So, I have a comparative good command of network application. I am able to operate the computer well. I am skillful in searching for information in Internet. I am a football fan for years. Italian team is my favorite. Anyway, I feel great pity for our country ' s team.



www.qidaokaoyan.com

I always believe that one will easily lag behind unless he keeps on learning .Of course, if I am given a chance to study ***** in this famous University,I will spare no effort to master a good command of advance *****.

2.考研原因 (reasons for my choice)

There are several reasons.

I have been deeply impressed by the academic atmosphere when I came here last summer. In my opinion, as one of the most famous *****in our country, it provide people with enough room to get further enrichment . This is the first reason.

The second one is I am long for doing research in *****throughout my life. Its a pleasure to be with my favorite *****for lifetime. I suppose this is the most important factor in my decision.

Thirdly, I learnt a lot from my *****job during the past two years. However, I think further study is still urgent for me to realize self-value. Life is precious. It is necessary to seize any chance for self-development, especially in this competitive modern world.

In a word, I am looking forward to making a solid foundation for future profession after two years study here.

3.研究生期间你的计划 (plans in the postgraduate study)

First, I hope I can form systematic view of *****. As for ***** , my express wish is to get a complete comprehension of the formation and development as well as ***** . If possible, I will go on with my study for doctorate degree.

In a word, I am looking forward to making a solid foundation for future profession after two years study here.

4 .介绍你的家乡 (about hometown)

I am from , a famous city with a long history over 2,200 years. It is called “ Rong Cheng ” because there were lots of banians even 900 years ago. The city lies in the eastern part of the province. It is the center of politics, economy and culture. Many celebrities were born here, for instance, Yanfu, Xie Bingxin, Lin Zexu and so on . . You know, there is a saying that “ The greatness of a man lends a glory to a place ” . I think the city really deserves it. The top three artware are Shoushan Stone, cattle-horn combs and bodiless lacquerware. In addition, it is famous for the hot springs. Theyare known for high-quality. Visitors athome and abroad feel it comfortable bathing



www.qidaokaoyan.com

here. There is my beloved hometown.

5. 你的家庭 (about family)

There are four members in my family; my parents, my cute cat of 9 years old and me. My father is a technician in the Fujian TV station. He often goes out on business. So most of the housework is done by my industrious mom. Climbing at weekends is our common interest. The fresh air and natural beauty can help us get rid of tiredness. They can strengthen our relation, too. During my preparing for coming here, my parents' love and support have always been my power. and I hope in future I will be able to repay them.

6. 你的大学 (about university)

*****University is the oldest one in the province. It was founded in ***** and covers an area of over***** mu. The building area is *****square meters. It develops into a comprehensive university with efforts of generations, especially after the reform and opening up. It takes the lead among the *****universities with nice teaching and scientific research ability. The library has a storage of *****books. . various research institutes are set up including 52 research centers. There are teaching research experimental bases. For example, the computer center, analyzing-test center, modern education technical center and so on.

根据模板，熟悉回答思路，可以在熟悉的同时，写出符合自己个性化回答，让面试老师耳目一新，定能获得好成绩。