



中国援助  
CHINA AID

中华人民共和国商务部发展中国家学历学位教育项目



中南大学  
CENTRAL SOUTH UNIVERSITY

# 2020 级交通运输工程（轨道交通装备 方向）硕士项目（中南大学）

## 招 生 简 章

目录

- 一、项目介绍
  - （一）基本情况
  - （二）学校介绍
  - （三）教学安排
- 二、申请办法
  - （一）申请条件
  - （二）申请程序
  - （三）截止日期
- 三、其他重要说明
  - （一）联系方式
  - （二）其他说明

2020 年 12 月制

## 目录

一、 项目介绍.....	2
(一) 基本情况.....	2
1、简介.....	2
(二) 学校介绍.....	3
(三) 教学安排.....	4
1、课程安排.....	4
2、教学方式.....	8
3、学期安排.....	8
4、硕士论文.....	9
5、学位授予.....	9
二、 申请办法.....	9
(一) 申请条件.....	9
(二) 申请程序.....	9
1、入学申请.....	9
3、申请材料.....	10
(三) 截止日期.....	11
三、 其他重要说明.....	11
(一) 联系方式.....	11
(二) 其他说明.....	11
1、资格审查.....	11
2、入学时间.....	11

## 一、 项目介绍

### (一) 基本情况

#### 1、简介

中华人民共和国商务部发展中国家学历学位教育项目是商务部利用中国政府对外援助款项，于2008年创办。该项目为受援国培养高端经贸商务官员、管理人才而专门设立的，致力于培养政治、经贸、外交、农业、科教文卫、能源交通、公共管理等领域的高层次、复合型、应用型人才，为推动受援国经济社会发展提供智力支持，包括1年制硕士学位项目、2年制硕士学位项目和3年制博士学位项目。项目主要资助受援国在职政府官员、学术机构研究人员、相关领域中高级管理人员等来华全英文攻读硕士、博士学位。由于学制较短，该项目要求学员必须事先获得学士学位，并在相应领域有一定的工作经验，以便及时和充分理解授课和学习内容，要求学员有良好的健康状态，以便适应高强度学习并最终获得学位。该项目为学员所在国家和中国的经贸合作与发展发挥着越来越大的作用，受到所在国政府的高度重视。

发展中国家选派管理和技术人员参与交通运输工程（轨道交通装备）专业学历学位项目，有助于提升发展中国家在高铁、动车组技术领域的技术力量和人才储备，有助于扩大我国的世界影响力，促进区域互联互通。我们相信您通过此项目获得学位后，必将拥有一个更加美好的人生未来。

#### 2、招生对象

招生对象为处级（含处级）以上政府官员、院校系主任级以上的学术机构负责人或级别相当的行政管理人员，英文水平可胜任学业。

#### 3、培养目标

本项目的培养目标是培养高层次应用型、复合型工程技术和工程管理人才。具有宽广的轨道交通工程专业基础理论，较为系统掌握本学科领域的专门知识，具有担负复杂工作能力的创新型专业人才。具体包括：

系统深入地掌握高速列车、动车组等轨道交通装备技术及运用领域的基础理论和专门知识，了解学科现状、发展方向和国际前沿。

了解新技术、新方法、新材料、新工艺在轨道交通装备领域的应用，在领域的某一方向具有独立从事工程设计、工程实践、工程研究、工程开发、工程管理等能力，能够灵活运用专业基础



理论和专业知识创造性地解决实际工程中工程技术问题。

在专业工程技术工作中具有一定的组织、管理能力。

#### 4、招生计划

交通运输工程硕士专业(轨道交通装备)学位项目基础学制为2年,采用全英文教学,计划招生人数为20人。

#### 5、资助内容

该项目由中华人民共和国商务部在对外援助款项下资助学校教学及其管理有关的费用和学员基本生活有关和往返国际机票的费用。学生免交学费、教材资料费、调研考察费、英文授课补助费、毕业论文指导费;学校为学生免费提供住宿;代为购买来华综合医疗保险;学校定期为学生发放生活补助:硕士36000元/人/年,博士42000元/人/年;给予安置费3000元/人,一次性拨付给学员本人。商务部为所有奖学金生免费提供往返国际机票:提供一次往返国际机票,还提供一次回国探亲往返机票。其他费用由商务部或学校统筹管理使用,不发放给学员。商务部仅为学员提供学制内的资助。学员因故延期毕业,不获得继续资助。

### (二) 学校介绍

#### 1、学校简介

中南大学是教育部直属全国重点大学、国家“211工程”首批重点建设高校、国家“985工程”部省重点共建高水平大学和国家“2011计划”首批牵头高校。学校坚持人才强校战略,师资力量雄厚。有中国科学院院士2人,中国工程院院士15人,国家“千人计划”入选者47人,“973计划”项目首席科学家19人,“长江学者奖励计划”特聘教授、讲座教授36人,国家教学名师8人,教授及相应正高级职称人员1500余人,享受政府特殊津贴专家549人。

学校目前牵头和参与组建国家“2011协同创新中心”2个;现有国家级创新平台17个,其中国家重点实验室3个、国家工程研究中心4个、国家工程实验室4个、国家工程技术研究中心2个、国家临床医学研究中心2个,国防科技重点实验室1个、国家工程化与创新能力建设平台1个。2000年以来共获国家科技三大奖78项,其中获国家科技一等奖(特等奖)11项,8个项目入选“中国高校十大科技进展”。

学校坚持开放办学,国际合作与交流活跃,先后与美、加、英、澳、法、德、日、韩等20多个国家和地区的150多所大学和科研机构签署了合作交流协议,广泛开展学术交流以及人才培养、科学研究合作,有来自90多个国家的留学生在校学习。



#### 2、学院简介

中南大学交通运输工程学院是由中南大学前身之一、原长沙铁道学院的交通运输、机车车辆



## 中华人民共和国商务部发展中国家学历学位教育项目

工程、轨道工程机械等相关优势学科专业和高速列车研究中心等系所组建而成，旨在交通运输工程一级学科层面上创办国际知名、国内一流的学科专业。

学院设有交通运输、交通设备与控制工程和物流工程 3 个本科专业，已有 50 多年悠久的办学历史。交通运输专业创办于 1956 年，交通设备与控制工程专业前身始建于 1960 年；先后为我国交通运输等领域培养了近万名研究生、本科生等各类人才。学院办学整体水平居于国内先进行列，中南大学交通运输工程学科在教育部 2012 年全国一级学科评估排名中位列全国第五。

学院按专业学科下设有 3 个系，1 个研究中心，1 个实验中心，8 个研究所。现有教职工 118 人，专任教师 96 人，其中教授 39 人，副教授 44 人，博士生导师 41 人，客座教授 16 人；长江学者特聘教授 1 人，教育部“新世纪优秀人才支持计划”6 人；教育部“轨道交通安全关键技术”长江学者创新团队 1 个，湖南省“轨道交通创新人才培养”教学团队 1 个，“全国专业人才先进集体”1 个。

经过多年建设和发展，学院目前拥有交通运输工程一级学科国家重点学科、交通运输工程一级学科博士、硕士授予权、交通运输工程博士后流动站，“轨道交通安全”教育部重点实验室，“轨道交通安全”985 工程平台等高水平学科平台，并首批进入了国家高等学校创新能力提升计划（简称“2011 计划”），办学优势和特色十分明显。

### 3、学生生活环境和条件介绍

中南大学位于湖南省省会长沙，长沙位于湖南省的东北部，属于亚热带季风性湿润气候，气候温和，降水充沛，雨热同期，四季分明。夏天和冬天较长，春天和秋天较短。平均温度：春天 8℃-15℃，夏天 23℃-30℃，秋天 20℃-29℃，冬天 5℃-12℃，年平均温度为 17.2℃。

中南大学位于岳麓山下，环境优美，气候宜人，一共包括了 6 个校区，每个校区均有留学生公寓。本项目留学生公寓位于铁道校区内，公寓为一室一厅配置，每间房间均有空调，网路，有单独的卫生间，并配备有公共厨房。学校食堂、超市均在铁道校区里。

## (三) 教学安排

### 1、课程安排

学员需在第一年完成课程学习和工程实践，第二年完成学位论文及答辩。获得学位总分要求，必须修满必修 24 个学分（8 门），工程实践 4 学分，学位论文选题报告 1 学分，学术交流与学术报告 2 学分。另外，在第一学年，学校还专为留学生设置了《初级汉语和中国概况》的选修课程。



**(1) 必修课 (24 学分)**

序号	必修课程	学分
1	机车工程	3
2	车辆工程	3
3	动车组技术	3
4	铁道工程	3
5	运输组织学	3
6	车辆强度与动力学	3
7	列车牵引与控制	3
8	铁路企业管理	3

选修课 (6 学分)

序号	选修课程	学分
1	初级汉语和中国概况	5

**(2) 课程设置**

**1、机车工程 (48 学时)**

本课程是高等院校铁路相关专业学生的必修专业课程之一。通过本课程的学习,让学生了解中国及世界其他铁路发达国家铁道机车的发展现状和技术水平,熟悉铁道机车的发展趋势与新的技术,掌握铁道机车的基本知识、工作原理、构造特点、运行性能等,为以后从事铁道机车技术工作奠定较好的基础。

**2、车辆工程 (48 学时)**

本课程介绍了我国铁路常见的、有代表性的主型客货车辆的构造、作用、原理、总体设计及车辆强度和动力学的基本原理。内容包括:铁道车辆基本知识;转向架结构原理及基本部件;货车转向架;客车转向架;摆式列车及城市轨道交通车辆转向架;铁道车辆的运行性能;车端连接装置;货车车体;客车车体;车辆结构强度。

**3、动车组技术 (48 学时)**

本课程是高等院校铁路相关专业的重要课程,通过该课程学习,让学生了解中国及世界其他高速铁路发达国家的动车组发展概况,掌握 CRH 系列动车组的总体、车体结构、转向架、牵引制动、列车运行控制系统等关键技术,为以后从事铁路行业工作打下坚实基础。

**4、铁道工程 (48 学时)**

本课程为轨道交通工程领域的重点课程,涉及路网规划、铁路主要技术标准、轨道力学、路





基结构和桥隧工程等系统知识。通过本课程的学习，使学员掌握轨道交通土建工程专业知识与行业标准，了解国内外发展现状和趋势，为学员从事国际轨道交通项目线路规划与设计，轨道、路基、桥隧工程的施工、养护和管理工作提供必要的知识储备。

### 5、运输组织学 ( 48 学时 )

本课程是对传统的《铁路行车组织》、《铁路货运组织》、《旅客运输》、《铁路站场与枢纽》课程的相关内容进行的整合，内容包括铁路客流组织、货流组织、车站工作组织、车流组织、列车运行图、铁路运输能力计算与加强、铁路运输生产计划和铁路运输调度工作等。

### 6、车辆强度与动力学 ( 48 学时 )

本课程是轨道车辆专业方向的一门专业理论课，其目的是使学生掌握车辆结构强度计算原理、方法以及轨道车辆动力学的基本理论。通过本课程的学习，学生可以掌握轨道车辆结构的强度计算和车辆动力学分析，为从事轨道交通车辆的制造、维护、测试等工作打下良好的基础。

### 7、列车牵引与控制 ( 48 学时 )

本课程是现代轨道交通技术的核心组成部分。课程主要介绍当代轨道交通机车车辆电气传动与控制技术发展及国内外最新动态，着重从系统的角度介绍内燃、电力机车、高速动车组和城市轨道交通车辆等各类电力传动装置的组成结构、工作原理、运行特性和控制方法。这些技术不仅适用于其它铁路装备和城市运输车辆，也适用于一般工业控制领域。

### 8、铁路企业管理 ( 48 学时 )

本课程是对铁路运输企业的生产经营活动进行计划、组织、指挥、协调和控制等一系列职能的总称。主要内容包括战略管理、计划与决策管理、生产运作管理、采购与物料管理、现场管理、质量管理、安全管理、设备管理、财务管理、项目管理、人力资源管理、统计管理、信息管理等。

### 9、初级汉语和中国概况 ( 96 学时 )

本课程专为来华留学生设计，共 96 学时，学习过程贯穿于留学生第一学年的 2 个学期。主要内容包括初级汉语知识和中国文化介绍。在学习初级汉语有限的语言材料的过程中，尽可能多的展现文化点，使学习者在学习语言的同时，自然地感受和了解中国文化。

### ( 3 ) 师资配备

现有专任教师 96 人，其中教授 39 人，副教授 44 人；博士生导师 41 人，长江学者特聘教授 1 人，教育部新世纪优秀人才支持计划 6 人；教育部“轨道交通安全关键技术”长江学者创新团队 1 个，“全国专业人才先进集体” 1 个。

### 高广军 ( 教授 , 博士生导师 )

中南大学交通运输工程学院院长。主要从事列车多体耦合撞击安全保护技术、轨道交通空气动力学与行车安全研究。2013 年湖南省杰出青年基金、“茅以升科技专项奖”获得者，曾获国家科技进步二等奖 1 次，省部级科技进步一等奖 5 次，茅以升教师奖等。主持国家自然科学基金重点项目 1 项，面上项目 1 项，省部级及企业合作项目 10 余项。



### **潘迪夫 (教授、博士生导师)**

教育部交通运输类专业指导委员会(铁路运输与工程教学指导分委员会)委员(2013-2017)、铁道科学与工程学报编委。英国 Cardiff 大学访问学者。在国内外重要学术期刊上发表论文 40 余篇;主持或作为主要研究成员完成国家、省部级等重大课题 20 余项;获国家科学技术进步二等奖 1 项,湖南省科学技术进步一等奖 1 项,教育部科学技术进步二等奖 1 项,湖南省高等教育省级教学成果一等奖 1 项。

### **姚松 (教授、博士生导师)**

在长沙铁道学院获得了学士和硕士学位,中南大学获得博士学位。主持了中国国家自然科学基金研究 2 项,同时,还参加了全国 40 余项国家和省部级科研项目,获得国家科技奖两次。已获得国家发明专利 6 项,权威计算机软件著作权 2 项。入选 2010 年度湖南省新世纪 121 人才工程和 2012 年度教育部新世纪优秀人才支持计划。

### **秦进 (教授、博士生导师)**

美国 Northwestern University 访问教授,贵州省毕节市政府经济顾问。一直从事交通运输工程、物流工程等方面的教学和科研工作。担任 SCI 收录国际期刊《Scientific World Journal》编委以及《Transportation Research》Part B & Part E、《系统工程理论与实践》、《中南大学学报》(自科版)、《Journal of Central South University》、《西南交通大学学报》、《Science China》等 SCI 或 EI 收录期刊的特约审稿专家。近 5 年来主持(承担)各类科研项目 30 余项,其中国家自然科学基金 4 项(重点项目 1 项)、国家科技支撑计划课题 1 项、教育部重点项目 2 项、博士后基金项目 1 项。近 5 年来共发表科研论文 40 余篇,其中被 SCI、EI、ITSP 三大检索系统收录 30 余篇;出版专著和教材共 3 本,其中国家级规划教材 1 本。

### **邓连波 (教授、博士生导师)**

中南大学交通运输规划与管理专业工学博士(2007),英国纽卡斯尔大学交通运输研究所访问学者(2011-2012)。铁道学报、西南交通大学学报、Transport Policy、Transportation research 等 SCI、EI 期刊审稿专家。在 Journal of rail and rapid transit、中国铁道科学、铁道学报等权威刊物发表论文 70 余篇,其中 SCI、EI 等收录 40 余篇。主持国家自然科学基金、教育部、中国铁路总公司、霍英东教育基金、湖南省自然科学基金等科研项目 10 余项。

### **方晓平 (教授)**

湖南省物流与采购联合会专家。英国爱丁堡大学访问学者。在国内外知名刊物和学术会议发表论文 30 余篇,出版专著教材 4 部。主持和作为主要参加人员参加的省部级课题 10 余项、横向课题 5 项。

### **李雄兵 (教授、博士生导师)**

浙江大学机械制造及其自动化专业工学博士(2008),美国爱荷华州立大学无损评价中心访问学者(2012-2013)。兵工学报、浙江大学学报、NDT&E int' 1 等 SCI、EI 期刊审稿专家。在 NDT&E int' 1、Nondestructive Testing and Evaluation、Nuclear Inst. and Methods in Physics Research、B、International Journal of Production Research 金属学报、铁道学报等刊物发表论文 60 余篇,其中 SCI、EI 等收录 30 余篇。获得发明专利 2 项及湖南省科技进步二等奖 1 项。主持多项国家自



科基金及省部级科研项目。

### 刘堂红 (教授、博士生导师)

载运工具运用工程专业博士毕业(中南大学与国防科技大学联合培养博士)。从2003年在中南大学工作至今,主持和参加国家、省部级科研课题30余项,获得省部级奖励及成果鉴定11项;发表论文47篇,SCI、EI收录32篇;申请发明专利17项、实施5项;在列车空气动力学、行车安全评估等领域开展了大量实车试验、动模型试验、风洞试验和数值计算等研究工作。担任《Engineering Applications of Computational Fluid Mechanics》等国际SCI杂志审稿人;获霍英东青年基金、茅以升铁路教育专项科研奖、湖南省高等学校优秀共产党员等个人荣誉。

### 彭勇 (教授、博士生导师)

法国斯特拉斯堡大学车辆工程专业博士(2009-2012)。国际刊物 Accident Analysis & Prevention、Safety Science、Traffic Injury Prevention、International Journal of Crashworthiness、Proc IMechE Part D: Journal of Automobile Engineering、Journal of rail and rapid transit 和 Computational and Applied Mathematics 审稿专家。在《International Journal of Impact Engineering》、《Safety Science》、《Traffic Injury Prevention》、《International Journal of Crashworthiness》、《International Journal of Automotive Technology》、《Journal of Clinical Rehabilitative Tissue Engineering Research》、《Part F: Journal of Rail and Rapid Transit》、《Journal of Mechanics in Medicine and Biology》、《江苏大学学报(自然科学版)》等刊物上发表论文30余篇,其中SCI、SSCI、EI收录论文20多篇。主持国家自然科学基金、湖南省自然科学基金、中国博士后基金、中国铁路总公司等科研项目10余项。

## 2、教学方式

教学方式包括课堂讲授、小组讨论、课外研学、学生读书报告、以及现场实践等方式,所有方式均采用全英文授课与交流。

## 3、学期安排

时间	内容
2021年9月	学生报到、开学典礼
2021年9月-2022年5月	课程学习、选报导师
2022年6月	现场实践
2022年7月	学位论文选题
2022年9月-2023年4月	课题研究及学位论文撰写
2023年5月-6月	论文答辩
2023年6月	毕业典礼

## 4、硕士论文

学位论文撰写须按照《中南大学研究生学位论文撰写规范》，字数一般不少于2万字（不含中英文摘要、参考文献、附录和致谢部分）。完成学位论文工作，经指导教师及学院审查同意，可提请论文评阅和答辩。学位论文评阅通过后，可组织论文答辩。答辩委员会成员组成由学院审批。

## 5、学位授予

达到培养目标、通过论文答辩的研究生，经学位评定委员会审核通过，可被授予工学硕士专业学位。

# 二、申请办法

## （一）申请条件

- 1、遵守中华人民共和国法律法规与中南大学规章制度，尊重中国风俗习惯；
- 2、非中国国籍人士，持有效外国护照；
- 3、获得学士学位；
- 4、托福成绩高于560分（纸考）或220分（机考），或新托福成绩高于85分，或雅思成绩高于6.0分，或其他英语语言证明材料。母语为英语者或大学教育完全由英语教学的申请者无须提供英语考试成绩；
- 5、政府官员、学术机构、相关企业中层以上研究、管理或技术人员优先考虑；
- 6、身体健康，无中国法律法规禁止入境的疾病，无严重高血压、心脑血管疾病、糖尿病等其他严重慢性疾病、精神性疾病或者有可能对公共卫生造成重大危害的传染病；
- 7、申请人须经中国驻其所在国使馆经商处推荐。

## （二）申请程序

### 1、入学申请

- 1) 登录中南大学交通运输工程学院网站（<http://stte.csu.edu.cn>），填写电子版的“中南大学交通运输工程硕士专业（轨道交通装备）项目申请表”，打印并签名，注明日期。
- 2) 将所有申请材料的电子版发送给中南大学交通工程运输学院326办公室 Email: [yingll@csu.edu.cn](mailto:yingll@csu.edu.cn)。
- 3) 申请者被录取后，必须在报到时将所有申请材料纸质版交至中南大学交通工程运输学院。



## 2、奖学金申请

(1) 操作步骤：申请人须登录中国国家留学基金管理委员会来华留学网 (<http://laihua.csc.edu.cn/>)，注册登录后，依次选择“在线报名”、“中国政府奖学金”后进入申请页面，并依提示填写学校、专业信息和个人信息等内容。最后形成并打印中国政府奖学金申请表，并手签姓名，粘贴照片。

(2) 说明：我校的受理机构编号为 10533，专业方向为 085222；表中生成的 CSC 号码在填写来华留学签证 201 表时使用。

## 3、申请材料

申请者需要准备一整套申请材料。请仔细阅读以下内容，并按要求准备申请材料。如果寄到的材料不全，将不予受理。

申请材料		要求	原件	复印件
1	申请表	登录中南大学交通学院网站填写“中南大学发展中国家交通运输工程硕士项目申请表”，打印出纸质版表格，再签上名字和日期。	1	1
2	申请表	中国政府奖学金申请表	1	1
3	毕业证书、学位证书	1. 毕业证书和学位证书必须是原件或者公证过的中文或英文复印件 2. 如果申请者在读，则需要提供校方的证明信表明即将毕业的日期。	1	1
4	成绩单	1. 成绩单必须是中文或英文的原件或者公证过的复印件。 2. 成绩单必须包括所学的所有课程和最终达到的标准。	1	1
5	个人陈述	1500 字，请从学术背景、与申请专业有关的研究工作经历及成果、攻读研究生阶段的学习和研究计划以及毕业后的发展目标等几个方面进行陈述。	1	1
6	个人简历	英文撰写。	1	1
7	推荐信	1. 所在国政府部门、地方教育行政部门、大学或高级官员的两封推荐信。 2. 推荐信必须是中文或英文的原件。	2	2
8	英文水平证明	如母语为非英语或本科学历的教学语言非英语，申请者需提交英文水平证明。	1	1
9	有效护照复印件	护照必须是有效的普通护照。 注意：所有获得录取的候选人在入境和开学注册时所持的护照必须与该复印件的原件一致。	0	2
10	体检表	外国人身体体检表	1	1



#### 4、提交申请

(1) 学员在得到所在政府有关负责部门的批准和推荐后方可申请该奖学金项目，根据所在国有关部门的具体要求递交材料；

(2) 所在国政府允许学员个人直接向我驻外使馆递交材料的，学员需持所在国批准允许赴华留学的有关证明或推荐信，将上述 1、2、3 形成的纸质文件原件及其扫描电子版文件递交给中国驻所在国大使馆经商处；

(3) 所在国政府有关负责部门书面请求经商处为该国推荐学员出具推荐函，并在该书面请求中注明，如所报学校名额已用完，是否接受调剂到其他学校相同或类似的专业攻读学位。如有其它特殊说明一并提出。

#### 5、重要说明

(1) 提交的所有材料均应以英文或中文书（印）就，如果提交的文件中有非英文或中文书（印）就的，应提供经过认证的英文或中文翻译件。

(2) 《毕业证书》、《学位证书》、《成绩单》、《语言水平证明》等重要文件，除提交复印件外，还需同时提交原件，供中国大使馆经商处人员核验。经商处人员核验之后，学员自行将申请材料扫描件发给各高校项目招生联络人。

(3) 所有纸质文件（包括原件和复印件）经使馆经商处核验后，应一并索回，并妥善保管。一旦您被录取，应将这些纸质文件带到中国并交给学校指定的部门审核并存档。

#### (三) 截止日期

接收材料的截止日期为 2021 年 6 月 28 日。发布录取通知书时间为 2021 年 8 月初。

### 三、其他重要说明

#### (一) 联系方式

姓名：应玲玲

电话：+86-731-82655326

传真：+86-731-82655315

电子邮箱：yingll@csu.edu.cn

网址：<http://stte.csu.edu.cn/>

通讯地址：湖南省长沙市天心区韶山南路 22 号 中南大学交通工程运输学院 326 办公室

#### (二) 资格审查

中南大学交通运输工程学院根据相关规定对申请者进行资格审查。

#### (三) 入学时间

2021 年 9 月初，具体时间以录取通知书为准。录取的学生须严格按照录取通知书规定的时间到中南大学办理入学、注册手续。

#### (四) 其他说明

1、无论申请结果如何，所有申请材料将不予退还。

## 中华人民共和国商务部发展中国家学历学位教育项目

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- 2、无论是否录取，中国政府将不做解释说明。
- 3、不允许携带配偶、子女来华陪读，奖学金不提供配偶、子女来华探亲的各项费用。
- 4、来华手续及其有关要求等将在录取文件中说明。
- 5、申请表格在招生简章在附件里。



中南大学交通运输工程硕士专业（轨道交通装备）项目申请表

**Application Form of Master's Degree Program in Transportation Engineering (Rail Transportation Equipments) in Central South University**

\*\*请用英文大写印刷字体或中文填写此表/Please fill in the form by Capital letters in English or in Chinese

\*\*请填写好此表后，打印并签上名字和日期/After completing the form, please print it out and sign on the form

1.基本情况/Personal Information

护照姓名 Passport Name	姓 Family Name:	国籍 Nationality	彩照 Photo
	名 Given Name(s):		
中文名 Chinese Name		性别 Gender	男 Male <input type="checkbox"/> 女 Female <input type="checkbox"/>
婚姻状况 Marital Status	未婚 Single <input type="checkbox"/> 已婚 Married <input type="checkbox"/>	护照号码 Passport NO.	护照有效期 Passport Validity YYYY/MM/D D
出生地点 Place of Birth		出生年月 Date of Birth	_____年 ____月 ____日 YYYY MM DD
母语 Native Language		宗教信仰 Religion	
目前工作情况 Current Employment	所在机构 /Employer:	地点/Location:	电话/ Tel:
	职业/Occupation	职务/Position:	传真/Fax:
手机/Mobile Phone:		电子邮箱 Email:	



## Degree Education Programs Sponsored by Ministry of Commerce PRC

永久通讯住址/Permanent Address:

录取通知书寄达地址/Correspondence Address:

### 1. 教育背景/Educational Background(from tertiary education)

#### 1.1 Highest Diploma(Degree)

Name of School		School Location	
Major/Subject		Degree Obtained	
Years Attended(from/to)		Teaching Language	

#### 1.2 Other Diploma, is applicable

Name of School		School Location	
Major/Subject		Degree Obtained	
Years Attendedn(from/to)		Teaching Language	

#### 1.3 Other Diploma, is applicable

Name of School		School Location	
Major/Subject		Degree Obtained	
Years Attendedn(from/to)		Teaching Language	

### 2. 工作经历/Employment Record

所在机构 Employer	起止日期 Time (from/to)	从事工作 Work Engaged	职务 Position Held

### 3. 语言能力/Language Proficiency

4.1 英语/English: 很好/Excellent  好/Good  较好/Fair  差/Poor  不会/None

4.2 我的英语水平可以用英语授课/ I can be taught in English: 是/Yes  否/No

4.3 可提供的英文水平材料: Documents which can show your English Proficiency:

Courses taught in English in undergraduate studies  Transcripts of English Training: \_\_\_\_\_;

TOEFL(score)\_\_\_\_\_;  IELTS(total)\_\_\_\_\_;

### 4. 亲属情况/Family Members

姓名/Name	年龄/Age	职业/Occupation	联系电话/Tel	电子邮箱/E-mail
配偶 Spouse				
父亲 Father				
母亲 Mother				

## Degree Education Programs Sponsored by Ministry of Commerce PRC

### 5. 曾经发表的作品和论文/Publications and Thesis

**\*\* Please submit the following documents with the application form/申请人在递送本申请表同时, 请提交以下材料**  
申请材料清单 Application checklist (all items must be checked):

Application Form of Master's Degree Program in Transportation Engineering (Rail Transportation Equipments) in Developing Countries in Central South University 中南大学交通运输工程硕士专业(轨道交通装备)项目申请表

A formal Graduation and Degree Certificate of your highest education(notarized photocopy)/最后学历证明(经公证的复印件)

Transcript of your highest education(original or notarized photocopy)/学习成绩单(原件或经公证的复印件)

Personal Statement(in English, academic background, relevant work experiences and achievements, study and research proposal, career development after graduation)/英文个人陈述

Resume (in English)/英文个人简历

2 recommendation letters(original in English or in Chinese)/2 封推荐信(英文或中文原件)

Photocopy of English Proficiency Certificate(including TOEFL, IELTS or English Training Transcript. Native English Speakers and those who were taught in English during undergraduate program does not need to provide this paper)

Photocopy of valid passport (The passport used to apply must be the same with passport used for entry into China and registration in Central South University) /有效护照复印件(须与入境护照为同一本护照)

2 latest Photos in passport photo size, 1 photo should be stuck to application form(2 张近期护照照片, 其中一张粘贴于申请表)

1 Foreigner Physical Examination Form (外国人身体体检表)

**\*\* The documents above should be original documents in English or in Chinese; otherwise notarized translations in English or Chinese are required/上述申请材料需要提交英文或中文原件, 或经公证的英文或中文译文。**

**\*\* All the application documents will not be returned whether the application is accepted or not/无论申请人是否被录取, 上述申请材料恕不退还。**

**\*\* Only applicants recommended by the Embassy of the People's Republic of China will be considered and admitted/申请人须经中国驻其所在国使馆推荐。**

I hereby affirm that/申请人保证:

(1) I hereby declare all the information provided here is true and correct to the best of my knowledge/我在此申明所填写的内容真实无误;

(2) I shall abide by Chinese laws, decrees and rules, regulations of university, and will not participate in any activity in China which is deemed to be adverse to the social order of China and are inappropriate to the capacity as a student/在校学习期间遵守中国的法律法规和学校的规章制度, 不从事任何危害中国社会秩序的, 与本人来华学习身份不符合的活动。

## Degree Education Programs Sponsored by Ministry of Commerce PRC

申请人签名/Signature of the applicant: \_\_\_\_\_

日期/Date: \_\_\_\_\_

The application is invalid without the applicant's signature/无申请人签名，申请无效





# **2020 Master's Degree Program in Transportation Engineering**

**Central South University**

December, 2020

## Table of Contents

I	Program Description .....	1
II	Education Plan .....	9
III	Profiles of Instructors .....	11
IV	Financial Aid .....	15
V	Application .....	15
VI	Registration .....	18
VII	Contact .....	18

## **Part I Program Introduction**

### **I、 Program Introduction**

#### **1) Program Description**

##### **Brief Introduction**

Academic Education Programs sponsored by the Ministry of Commerce of People's Republic of China started from 2008. It is designed to foster high-end business officials and managerial personnel for the recipient countries, offering one-year and two-year master programs as well as three-year doctoral programs for the purpose of educating high-end and inter-disciplinary talent working in the applied fields of government, trade, foreign affairs, agriculture, technology, education, culture and health, building intellectual capacity and facilitating the economic and social development of the recipient countries. These programs provide assistance to governmental officials, research fellows, and senior managerial personnel on their master and doctor education in China, which are fully conducted in English. Admission requirements include a bachelor's degree, relevant working experiences, and decent physical conditions, essential for the high-compact curriculum needed for the degrees. The program plays an increasingly significant role in the economic development cooperation between China and students' home countries, and is highly valued by the government of students' home countries.

As for the positive effects and good results brought by these programs in strengthening economic ties and friendship between China and the recipient countries, the Ministry of Commerce of People's Republic of China will continuously intensify its efforts in enlarging the enrollment scale and improving the quality of education. We believe that by attending the programs and achieving the degrees, you will embrace a successful career and brighter future.

##### **Prospective Students**

Our prospective students are mid-to-senior level officials or managers from the government, the media, and other public sectors, who have demonstrated superior performance, both academically and in their work. By the time of matriculation, each must have obtained an undergraduate bachelor's degree in the case of our master program.

##### **Program Objective**

To prepare policy makers and practitioners for developing countries

##### **Enrollment Plan**

In 2020 we have planned to enroll up to 20 students in master program, with a concentration on national development.

##### **Financial Aid**

The Ministry of Commerce subsidizes the university related expenses for its teaching and

## Degree Education Programs Sponsored by Ministry of Commerce PRC

managing, and subsidizes the student related expenses for their basic life in China and round-trip international air tickets under the foreign-aid funds.

Students are exempt from tuition fee, teaching books fees, research fees, English teaching grants, graduation thesis guidance fee; University will provide free accommodation and buy comprehensive medical insurance for students.

Only the settlement allowance being 3000 RMB/person and living expense being 3000 RMB/month will be deposited to students account by the university. Other fees will be managed by Ministry of Commerce or by the university, not to be granted to the students.

The Ministry of Commerce only provides students with financial support during the school system (two-years for master students). The students who postponed their graduation will not receive the continuing support.

## **2)、 Central South University**

### **Brief Introduction**

Central South University (CSU), a national key university under the direct administration of the Ministry of Education of China, has a highly regarded reputation as being a member of both Project 211 and Project 985, two national key construction projects to support the development of high –quality universities, a vice-minister-level university recognized in



2003 and one of the initiative leading universities selected in 2013 for China’s Synergy Innovation Project 2011. Covering an area of 392.4 hectares (including area of 2.76 million square meters) with campuses located across Xiangjiang River at the foot of the majestic Yuelu Mountain, CSU is an ideal university for study and research with restful environment and picturesque view.

### **School of Traffic & Transportation Engineering**

School of Traffic & Transportation Engineering of Central South University, being one of the predecessors of Central South University, was founded on the original dominant specialties of Traffic and Transportation, Locomotive and Vehicle Engineering, Rail Transit Engineering etc. and the Research Center of High-speed Trains, aiming at establishing a world-known and domestic first-class discipline on the basis of Traffic and transportation engineering subject.



## Degree Education Programs Sponsored by Ministry of Commerce PRC

The school administers 3 departments, 1 research center, 1 experimental center and 8 research institutes, with a team of 118 faculty members and among them 96 full time teachers, 39 professors, 44 associate professors, 41 doctoral supervisors, 16 visiting scholars; one “Yangtse River Scholars Program” professor, and six outstanding talents of “The Ministry of Education Program for New Century Excellent Talents”. In addition, the school leads one Yangtse River scholars and innovation team of the ministry of education “Rail Transit Safety Key Technology”, one teaching team of Hunan province “Rail Transit Innovation Training” and one “Advanced Group of Professionals Nationwide”.

Through years of construction and development, the school now boasts her high-level scientific dais like the conferring authority of doctoral and master’s degree to the first-grade disciplines of National Leading Academic Disciplines in Traffic & Transportation Engineering, a post-doctoral research station in Traffic & Transportation Engineering, a key laboratory on “rail transit safety” under the Ministry of Education and “rail transit safety” engineering platform in the “985 Project”, and was among the first group of universities concluded in the plan for upgrading the innovative capability of education of higher learning of the country (“2011 Plan” in short.) , bearing remarkable school-running advantages and features.

### **Campus Life**

Central South University is located in Changsha, capital city of Hunan province. Changsha is located in the northeast of Hunan province. It is a subtropical monsoon humid climate, characterized by mild climate, abundant precipitation, rain and heat in the same period and four seasons. Summer and winter are long, spring and autumn are short. Temperature of Spring is 8°C -15 °C, summer 23 °C -30°C , autumn 20 °C -29 °C, winter 5 °C -12 °C, and annual average temperature is 17.2 degrees Celsius .

Central South University is located at the foot of Yuelu Mountain with natural beauty, including 6 campuses, there are International dormitory in each campus. And the international students in this program will live in railway campus, the dormitory is one rooms one hall share with the washing room, and in each room there are air-condition, network, desk and chest, in each floor there are public kitchen room and refrigerator. The supermarket and student canteen are in the campus.

## **II Education Plan**

Our master degree program is a two-year full-time program. Students enrolled in this program are expected to complete the coursework, conduct research, and write a thesis within two year.

Language of instruction: the language of instruction of the program is English.

### **1) Formal Coursework**

Acquiring transportation engineering master degree must finish 8 core courses (compulsory) of 24 credits (in total), engineering practice of 4 credits, a research thesis of 3 credits (including 1 credit of research proposal and 2 credits of academic activity).

## Degree Education Programs Sponsored by Ministry of Commerce PRC

No.	Core Course	Credit
1	Locomotive Engineering	3
2	Vehicle Engineering	3
3	EMU Technologies	3
4	Railway Engineering	3
5	Rail Transportation Organization	3
6	Vehicle Strength and Dynamics	3
7	Electrical Traction and Control for Railway Vehicles	3
8	Railway Enterprise Management	3

### 2) Optional Coursework

In the first school year, there is one elective course "primary Chinese and Chinese profile" set up for the students.

No.	Core Course	Credit
1	Elementary Chinese and China Overview	5

### 3) Semesters

Time	Contents
Sep 2021	Registration of Students & Opening Ceremony
Sep 2021– May 2022	Course Study & Selecting Supervisor
Jun 2022	Field Practice
Jul 2022	Selecting Thesis Topic
Sep 2022– Apr 2023	Thesis Research and Writing
May 2023– Jun 2023	Thesis Defense
Jun 2023	Commencement

### 4) Field Practice

Field trips will be arranged for students to visit Chinese government agencies, special economic zones, business corporations, etc., to gain first-hand knowledge of how governments and markets operate under various changing conditions in the reform and opening-up process of China.

### **5) Thesis**

By the end of the first semester, a student shall choose a professor as his/her supervisor, and determine the subject matter on the basis of a real world problem to be solved in his/her own countries. In the second year, students are expected to complete their theses and each pass an oral defense. The thesis writing must be followed by university requirements, and no less than 20,000 words. After thesis writing, with consent of supervisor and review of college, students can apply for thesis evaluation and defense. After passing the evaluation of thesis evaluation, thesis defense can be organized.

Thesis or dissertation shall be written in English.

### **6) Degree-conferring**

The master degree will be conferred upon a candidate in the master program after his/her successful completion of required credits and thesis.



## **III Profiles of Instructors**

### **Gao Guangjun (professor and doctoral supervisor)**

Visiting scholar at Birmingham University UK, recipient of 2013 Prominent Youth of Hunan Province and Mao Yisheng Special Award on Science and Technology; 1 second-class award for National Scientific and Technological Progress and 5 first-class awards on Scientific and Technological Progress of provincial-ministerial level; having presided over 1 major scientific projects from the National Science Foundation, more than 10 projects of provincial-ministerial level or in cooperation with enterprises; taking up major academic course in Vehicle Engineering, Vehicle Strength and Finite Element Method, Traffic & Transportation Engineering, Vehicle System Dynamics, Fundamentals of High Speed Train etc.

Research area: multi-body coupling crash safety protection technology, rail transit aerodynamics and road safety.

### **Pan Difu (professor, doctoral supervisor)**

Member of the Steering Committee on Professional Teaching in Transportation Specialty under the Ministry of Railway (Branch Committee on Guidance of Railway Transport and Engineering Teaching) (2013-2017), member of editorial board of Railway Science and Engineering Journal. A visiting scholar at Cardiff University in UK.

Having published over 40 treaties in major home and foreign academic journals and



## Degree Education Programs Sponsored by Ministry of Commerce PRC

presided over, or completed, as the chief research member, over 20 major projects of state and provincial-ministerial level and won one 2nd prize of National Scientific and Technological Progress, one 1st prize of Scientific and Technological Progress of Hunan Province, one 2nd prize of Scientific and Technological Progress of Ministry of Education and one 1st prize for Achievement in Teaching in Institutions of Higher Learning of Hunan Province.

Research area: vehicle control and testing technology, intelligent measurement & control and information technology, design & optimization of rail transit equipment system.

### **Song Yao (professor, doctoral supervisor)**

Dr. Song Yao received B.E & M.S degrees from Changsha Railway College, a PhD degree from Central South University. Dr Yao has been awarded two research grants from National Natural Science Foundations of China. Also Dr Yao has participated more than 40 national and provincial research projects. He received National Science & Technology Awards twice. Dr Yao has obtained authority of six national invention patents and two computer software copyrights. He was selected into the Program for New Century Excellent Talents in University of MOE in 2012 and Hunan New Century 121 Talent Project in 2010.

Research area: Finite Element Analysis, Train Structure Crashworthiness, Trains Operating Safety Evaluation.

### **Qin Jin (professor, doctoral supervisor)**

A visiting professor at Northwestern University, USA and the economic adviser to the Bi Jie Municipal Government of Guizhou Province. Having been engaged in the teaching and research in traffic & transportation engineering, logistics engineering, member of the editorial board of «Scientific World Journal» of SCI and a SCI and EI Journal contributing reviewer of Part B and Part E of «Transportation Research», «Theory and Practice of System Engineering», «Journal of Central South University» (Natural Science Version), «Journal of Central South University», «Journal of Southwest Jiaotong University», «Science China» etc.

Having presided over and undertaken over 30 various scientific research projects in the recent 5 years, and among them 4 projects under the State Natural Science Foundation (inclusive of 1 key project), 1 planning project under the state scientific and technological support, 2 major projects from the Ministry of Education, 1 post-doctoral fund project; published more than 40 theses on scientific and technology within the last 5 years and over 30 theses collected by SCI, EI and ITSP, as well as 3 monographs and textbooks including a textbook under the national-level plan.

Research area: traffic & transportation planning and Designing, method for optimization of traffic and transportation organization, theory and technology of intelligent transportation, Rail Transit operation & management and Planning & Management of Logistics System.



**Deng Lianbo (professor, doctoral supervisor)**

Dr. DENG holds a PhD degree of Transportation Planning and Management from Central South University (2007) and worked as a visiting scholar at Newcastle University (2011-2012). Dr. DENG is a reviewer for some SCI/EI-indexed journals including Transportation research, Transport policy, Journal of the China Railway Society, Journal of Southwest Jiaotong University etc.

Dr. DENG has published about 70 peer-reviewed publications, over 40 SCI-EI-indexed journal articles including some outstanding journal of railway research (Journal of rail and rapid transit, China Railway Science and Journal of the China Railway Society, etc). He has presided over 10 high-profile research projects funded by China National Natural Science Foundation, Ministry of Education, China Railway Corporation, Fok Ying Tong Education Foundation (Hong Kong), Natural Science Foundation of Hunan Province, etc.



Research area: Transportation operation management and information system, High-speed railway organization, optimization of urban rail transit operation

**Fang Xiaoping (professor)**

An expert of Hunan Provincial Association of Logistics and Purchase, visiting scholar at University of Edinburgh, having published more than 30 theses in the well-known domestic and foreign journals and academic forums and 4 monographs and textbooks, and having sponsored, or as leading participator, in over a dozen of provincial-ministerial level research projects as well as 5 transversal projects.

Research area: management of transportation and logistics enterprises, traffic behavioral study, strategic management of enterprises, Logistics Economy, optimization of logistics system etc.

**LI Xiongbing (professor, doctoral supervisor)**

Dr. LI holds a PhD degree of Mechanical Manufacturing and Automation from zhejiang University (2008) and worked as a visiting scholar at the Center for Nondestructive Evaluation of Iowa State University (2012-2013). Dr. LI is a reviewer for some SCI/EI-indexed journals including Acta Armamentarii, Journal of Zhejiang University, NDT&E int' l, etc.

Dr. LI has published about 60 peer-reviewed publications, over 30 SCI-EI-indexed journal

## Degree Education Programs Sponsored by Ministry of Commerce PRC

articles including some outstanding journals (NDT&E int' l, Nondestructive Testing and Evaluation, Nuclear Inst. and Methods in Physics Research, B, International Journal of Production Research, etc). He has obtained two Invention Patents and a Second Class Prize of Hunan Province Scientific and Technological Progress Award. He has presided several high-profile research projects funded by China National Natural Science Foundation, Ministry of Education and Natural Science Foundation of Hunan Province, etc.

Research area: Ultrasonic nondestructive testing and evaluation, Tool path planning for high speed milling

### **LIU Langhong (professor, doctoral supervisor)**

Dr. LIU holds a PhD degree of Vehicle Operation Engineering from Central South University and the National Defense University's joint training. From 2003 to date in Central South University, I have hosted and participated in national and provincial scientific research more than 30 items, and have got 11 items of provincial awards and achievements appraisal. I mainly engaged in the research of train aerodynamics. Up to now, I have carried out a lot of full scale tests, moving model tests, wind tunnel tests and numerical calculations about train aerodynamics and travelling-train safety assessment. Published 47 journal papers, SCI and EI indexed 32. 17 applications for invention patents, and 5 were implemented. Served as the reviewer of national SCI magazine "Engineering Applications of Computational Fluid Mechanics" and so on.

Research area: Train aerodynamics; Safe operation technology of train under wind environment.

### **Yong PENG (professor, doctoral supervisor)**

Dr. PENG holds a PhD degree from Strasbourg of University, France (2009-2012). Dr. PENG is a journal reviewer for SCI/SSCI-indexed international journals including Accident Analysis & Prevention, Safety Science, Traffic Injury Prevention, International Journal of Crashworthiness, Proc IMechE Part D: Journal of Automobile Engineering, Journal of rail & rapid transit and Computational & Applied Mathematics.

Dr. PENG has published about 30 peer-reviewed publications, over 20 SCI-SSCI-EI-indexed journal articles including some outstanding journal of vehicle and traffic safety technology research (International Journal of Impact Engineering, Safety Science, Traffic Injury Prevention, International Journal of Crashworthiness, International Journal of Automotive Technology, Journal of Clinical Rehabilitative Tissue Engineering Research, Part F: Journal of Rail and Rapid Transit, Journal of Mechanics in Medicine and Biology, etc). He has presided over 10 high-profile research projects funded by China National Natural Science Foundation, Natural Science Foundation of Hunan Province, China Postdoctoral Science Foundation, China Railway Corporation, etc.

Research area: Train collision theory and application, Vehicle and traffic safety technology, Epidemiology of accidents and Injury biomechanics



## **IV Financial Aid**

The Chinese Ministry of Commerce will provide "Chinese Government Scholarships" to admitted students from developing countries. These scholarships cover both tuition and living expenses. They also include a round-trip international airfare for all the students, and a maximum of 2 round-trip international airfares for home visits applicable only to doctoral students (one time per year set at the end of an academic year). In terms of living expenses, it is 36000RMB/year for the master program, and 42000RMB/year for the doctoral program. There is also a settlement allowance of 3000RMB/person.

If a student expects to have his/her spouse, children, relatives or friends to visit him/her during the stay in Changsha, the visitor will have to bear all the expenses by him/herself.



## **V Application**

### **1. Requirement**

All applicants must meet the following admission requirements:

- 1) Applicants must be non-Chinese citizens from developing countries, with a valid passport, or any other identification certificate sufficient to verify his/her nationality;
- 2) Applicants for the master program must have attained a Bachelor degree or above;
- 3) Applicants must be proficient in English. Non-native English speakers or candidates whose undergraduate education was not conducted in English are required to submit a test score of TOEFL or IELTS as proof of English proficiency. Applicants with the following scores would be considered competitive:
  - TOEFL 85 or above in iBT (Internet-Based TOEFL);
  - TOEFL 560 or above in PBT (Paper-Based TOEFL), or
  - IELTS 6.0 or above in overall band score.
- 4) All applicants shall be in good physical conditions and carry no infectious diseases which may have a serious impact on public health or fall into any of the health situations prohibited by China's Entry-Exit Inspection and Quarantine Laws and Regulations.

## Degree Education Programs Sponsored by Ministry of Commerce PRC

- 5) Only applicants recommended by the Economic and Commercial Counsellor's Office of Chinese Embassy in the country that accords with the candidate's nationality will be considered.

### 2. Procedure

#### 1) Application to Central South University

(1) Visit <http://stte.csu.edu.cn/>, filling in the form in the electronic version "Application Form of Master's Degree Program in Transportation Engineering (Rail Transportation Equipments) in Central South University", printing it and signing it with dates;

(2) Sending electronic copies of all the application materials to School of Traffic & Transportation Engineering of Central South University by Email: [yingll@csu.edu.cn](mailto:yingll@csu.edu.cn);

(3) If accepted, the applicants must submit the hard copies of all the application materials to School of Traffic & Transportation Engineering of Central South University in person when they make registration;

#### 2) Application to Chinese Government Scholarship

Please visit the online application system of Chinese Scholarship Council at <http://laihua.csc.edu.cn>, and register for an account. Select the program "Chinese Government Scholarship", fill in all the required information, and an application form will come into being. Print out the form, put on a hand-written name and date, and then post a photo on it. To complete the form successfully, please note the following information:

- (1) The agency No. of Central South University is 10533;
- (2) For the master program, Discipline is "Transportation Engineering", Major is "Rail Transportation Equipments";

#### 3) Materials

Documents		Requirements	Original copy	Photocopy
1	CSU Application Form	Please visit <a href="http://stte.csu.edu.cn/">http://stte.csu.edu.cn/</a> , fill in the application form, print it out, sign, date, and post a photo on it.	1	1
2	Chinese Government Scholarship Application Form	Please visit <a href="http://laihua.csc.edu.cn/">http://laihua.csc.edu.cn/</a> , fill in the application form, print it out, sign, date, and post a photo on it.	1	1
3	Degrees	An original copy and a photocopy need to be prepared for each degree.	1	1
4	Official Transcripts	Transcripts must list all courses taken and all scores obtained.	1	1
5	Personal Statement	Personal statement must be written in English and be some 1000 words in length. It shall cover such essential elements as applicant's academic background, work	1	1



## Degree Education Programs Sponsored by Ministry of Commerce PRC

		experience, achievements, and future career plans, including a research plan at Peking University.		
6	CV	In English.	1	1
7	Recommendation Letters	Two recommendation letters are required: one by a superior in the institution where the applicant works; the other by a professor who knows the applicant well.	2	2
8	English Language Proficiency Test Results	Applicants who are not native English speakers or whose undergraduate education was not conducted in English shall provide TOEFL or IELTS test scores.	1	1
9	Physical Examination Form	The health form shall be issued within one month before the submission of application, showing that the applicant carries no infectious diseases which may have a serious impact on public health or fall into any of the health situations prohibited by China's Entry-Exit Inspection and Quarantine Laws and Regulations.	1	1
10	Photocopy of a Valid Passport	The passport must be a personal regular passport. All successful candidates must enter China and register with Central South University using the same passport as used for applying for the program.	0	2

### 4) Submission

(1) The applicant can apply for this scholarship program only after you have been approved and recommended by the relevant departments of the government in the host country;

(2) Under the condition that the government of the host country allows the applicant to directly submit the application materials to the Chinese Embassy, and With the proof or recommendation letter concerning permission for the applicant to study in China, the applicant should submit all the application materials listed in the above table in both original ones and scanned copy to the **Economic and Commercial Counselor's Office of Chinese Embassy**.

(3) The relevant departments of the government in the host country should submit a written request to **the Economic and Commercial Counselor's Office of Chinese Embassy** for **an official recommendation letter** and clearly state: Whether the applicant is willing to be transferred to the other same or similar programs in the other universities if declined by the university he/she applies. Other special requests if any.

#### Reminders:

- a) All the documents to be submitted should be in Chinese or English. Otherwise, a notarized copy in Chinese or English is required.

## Degree Education Programs Sponsored by Ministry of Commerce PRC

- b) An original copy of degrees, transcripts and language certificates must be presented for on-site verification. After verification, students themselves should send the documents to the university.
- c) Applicants will get back all the hard-copy materials, both original copies and photocopies from the Economic and Commercial Counsellor's Office. If admitted, they must take the documents to China and submit them to the School of Traffic & Transportation Engineering of CSU during registration in early September.
- d) None of the materials submitted to the School of Traffic & Transportation Engineering of CSU will be returned. For important documents such as degrees and transcripts, a stamped copy issued by the institution where the applicant received his/her degrees will be accepted as a replacement of the original copy. In this case, the original copy must be presented for on-site verification.

### **3. Deadlines**

The application deadline for the master program is June 28, 2021.

### **VI Registration**

Registration will take place in early September 2021. The exact date will be specified in the admission letter.

### **VII Contact**

Contact person: Ms.Lingling Ying

E-mail: [yingll@csu.edu.cn](mailto:yingll@csu.edu.cn)

Telephone: (86-0731) 82655326

Fax: (86-0731) 82655315

Website: <http://stte.csu.edu.cn/>



中南大学交通运输工程硕士专业（轨道交通装备）项目申请表

**Application Form of Master's Degree Program in Transportation Engineering (Rail Transportation Equipments) in Central South University**

\*\*请用英文大写印刷字体或中文填写此表/Please fill in the form by Capital letters in English or in Chinese

\*\*请填写好此表后，打印并签上名字和日期/After completing the form, please print it out and sign on the form

1.基本情况/Personal Information

护照姓名 Passport Name	姓 Family Name:		国籍 Nationality	彩照 Photo	
	名 Given Name(s) :				
中文名 Chinese Name			性别 Gender		男 Male <input type="checkbox"/> 女 Female <input type="checkbox"/>
婚姻状况 Marital Status	未婚 Single <input type="checkbox"/> 已婚 Married <input type="checkbox"/>	护照号码 Passport NO.	护照有效期 Passport Validity		YYYY/MM/D D
出生地点 Place of Birth		出生年月 Date of Birth	_____年____月____日 YYYY MM DD		
母语 Native Language		宗教信仰 Religion			
目前工作情况 Current Employment	所在机构 /Employer:	地点/Location:	电话/Tel:		
	职业/Occupation	职务/Position:	传真/Fax:		
手机/Mobile Phone:			电子邮箱 Email:		



## Degree Education Programs Sponsored by Ministry of Commerce PRC

永久通讯住址/Permanent Address:

录取通知书寄达地址/Correspondence Address:

### 6. 教育背景/Educational Background(from tertiary education)

#### 6.1 Highest Diploma(Degree)

Name of School		School Location	
Major/Subject		Degree Obtained	
Years Attended(from/to)		Teaching Language	

#### 6.2 Other Diploma, is applicable

Name of School		School Location	
Major/Subject		Degree Obtained	
Years Attendedn(from/to)		Teaching Language	

#### 6.3 Other Diploma, is applicable

Name of School		School Location	
Major/Subject		Degree Obtained	
Years Attendedn(from/to)		Teaching Language	

### 7. 工作经历/Employment Record

所在机构 Employer	起止日期 Time (from/to)	从事工作 Work Engaged	职务 Position Held

### 8. 语言能力/Language Proficiency

4.1 英语/English: 很好/Excellent  好/Good  较好/Fair  差/Poor  不会/None

4.2 我的英语水平可以用英语授课/ I can be taught in English: 是/Yes  否/No

4.3 可提供的英文水平材料: Documents which can show your English Proficiency:

Courses taught in English in undergraduate studies  Transcripts of English Training: \_\_\_\_\_;

TOEFL(score)\_\_\_\_\_;  IELTS(total)\_\_\_\_\_;

### 9. 亲属情况/Family Members

姓名/Name	年龄/Age	职业/Occupation	联系电话/Tel	电子邮箱/E-mail
配偶 Spouse				
父亲 Father				
母亲 Mother				

## Degree Education Programs Sponsored by Ministry of Commerce PRC

### 10. 曾经发表的作品和论文/Publications and Thesis

**\*\* Please submit the following documents with the application form/申请人在递送本申请表同时, 请提交以下材料**

申请材料清单 Application checklist (all items must be checked):

Application Form of Master's Degree Program in Transportation Engineering (Rail Transportation Equipments) in Developing Countries in Central South University 中南大学交通运输工程硕士专业(轨道交通装备)项目申请表

A formal Graduation and Degree Certificate of your highest education(notarized photocopy)/最后学历证明(经公证的复印件)

Transcript of your highest education(original or notarized photocopy)/学习成绩单(原件或经公证的复印件)

Personal Statement(in English, academic background, relevant work experiences and achievements, study and research proposal, career development after graduation)/英文个人陈述

Resume (in English)/英文个人简历

2 recommendation letters(original in English or in Chinese)/2 封推荐信(英文或中文原件)

Photocopy of English Proficiency Certificate(including TOEFL, IELTS or English Training Transcript. Native English Speakers and those who were taught in English during undergraduate program does not need to provide this paper)

Photocopy of valid passport (The passport used to apply must be the same with passport used for entry into China and registration in Central South University) /有效护照复印件(须与入境护照为同一本护照)

2 latest Photos in passport photo size, 1 photo should be stuck to application form(2 张近期护照照片, 其中一张粘贴于申请表)

1 Foreigner Physical Examination Form (外国人身体体检表)

**\*\* The documents above should be original documents in English or in Chinese; otherwise notarized translations in English or Chinese are required/上述申请材料需要提交英文或中文原件, 或经公证的英文或中文译文。**

**\*\* All the application documents will not be returned whether the application is accepted or not/无论申请人是否被录取, 上述申请材料恕不退还。**

**\*\* Only applicants recommended by the Embassy of the People's Republic of China will be considered and admitted/申请人须经中国驻其所在国使馆推荐。**

I hereby affirm that/申请人保证:

(1) I hereby declare all the information provided here is true and correct to the best of my knowledge/我在此申明所填写的内容真实无误;

(2) I shall abide by Chinese laws, decrees and rules, regulations of university, and will not participate in any activity in China which is deemed to be adverse to the social order of China and are inappropriate to the capacity as a student/在校学习期间遵守中国的法律法规和学校的规章制度, 不从事任何危害中国社会秩序的, 与本人来华学习身份不符合的活动。

## Degree Education Programs Sponsored by Ministry of Commerce PRC

申请人签名/Signature of the applicant: \_\_\_\_\_

日期/Date: \_\_\_\_\_

The application is invalid without the applicant's signature/无申请人签名，申请无效