附3

普通高等学校本科专业设置申请表

（备案专业适用）

学校名称（盖章）：广西师范学院

学校主管部门：广西壮族自治区教育厅

专业名称：自然地理与资源环境

专业代码：070502

所属学科门类及专业类：理学/地理科学类

学位授予门类：理学

修业年限：4年

申请时间：2018年7月

专业负责人：周慧杰

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教育部制

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填表说明

1. 本表适用于普通高等学校增设《普通高等学校本科专业目录》内专业（国家控制布点的专业除外）。
2. 申请表限用A4纸张打印填报并按专业分别装订成册。
3. 在学校办学基本类型、已有专业学科门类项目栏中，根据学校实际情况在对应的方框中画√。
4. 本表由申请学校的校长签字报出。
5. 申请学校须对本表内容的真实性负责。

1.普通高等学校增设本科专业基本情况表

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| **专业代码** | 070502 | **专业名称** | 自然地理与资源环境 |
| **修业年限** | 4年 | **学位授予门类** | 理学学士学位 |
| **学校开始举办本科教育的年份** | 1978年 | **现有本科专业（个）** | 67个 |
| **学校本年度**  **其他拟增设的**  **专业名称** | 航空服务与管理、在线教育 | **本校已设的相近本、专科专业及开设年份** | 地理科学（1978年）地理信息科学（2000年）、土地资源管理（2000年）、环境科学（2001年）、旅游管理（2002年），人文地理与城乡规划（2006年）、地理国情监测（2016年） |
| **拟首次招生时间**  **及招生数** | 2019年/40人 | 五年内计划  发展规模 | 160人 |
| **师范专业标识**  **（师范S、兼有J）** |  | 所在院系名称 | 地理科学与规划学院 |
| **高等学校专业设置评议专家组织审议意见** | （主任签字）  年 月 日 | 学校审批意见（校长签字） | （盖章）  年 月 日 |
| **高等学校**  **主管部门形式**  **审核意见（根据**  **是否具备该专业办学条件、申请**  **材料是否真实等给出是否同意**  **备案的意见）** | （盖章）  年 月 日 | | |

2.学校基本情况表

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| **学校名称** | 广西师范学院 | **学校地址** | | 广西南宁市明秀东路175号 | | |
| **邮政编码** | 530001 | **校园网址** | | http://www.gxtc.edu.cn/ | | |
| **学校办学**  **基本类型** | □部委院校 地方院校 公办 □民办 □中外合作办学机构 | | | | | |
| □大学 学院 □独立学院 | | | | | |
| 在校本科生总数 | 14564人 | | 专业平均年招生规模 | | 55人 | |
| **已有专业**  **学科门类** | 哲学 经济学 法学 教育学 文学 历史学  理学 工学 □农学 □医学 管理学 艺术学 | | | | | |
| **专任教师**  **总数（人）** | 985 | | **专任教师中副教授及以上职称教师数及所占比例** | | | 475，48.2% |
| **学校简介和**  **历史沿革**  **（300字以内，无需加页）** | 学校创办于1953年的广西教师进修学院，1978年成为广西壮族自治区属全日制普通本科师范院校。1998年成为硕士学位授权单位。2008年学校在教育部本科教学工作水平评估中获得优秀等级。2013年学校获批为广西新增博士学位授予立项建设单位。2016年入选国家中西部高校基础能力建设工程项目高校、教育部数据中国“百校工程”项目试点高校。2017年获批教育部第二批深化创新创业教育改革示范高校、通过教育部本科教学工作审核评估。学校有四个校区，22个学院、67个普通本科专业、13个一级学科硕士学位授权点、82个二级学科硕士学位授权点、10个硕士专业学位授权点；学校秉承“德才并育、知行合一”的校训，努力建成为区域特色鲜明的高水平师范大学。 | | | | | |

注：专业平均年招生规模=学校当年本科招生数÷学校现有本科专业总数

3.增设专业的理由和基础

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| （简述学校定位、人才需求、专业筹建等情况）（无需加页）   1. **学校专业发展规划**   学校办学目标是建成西部地区特色鲜明的高水平师范大学，学科专业建设着力强化资源与环境优势学科群和区域经济文化研究专业群。我院拟依托本校与之密切相关的地理科学、地理信息系统、土地资源管理等优势品牌专业和硕士学位点，增设自然地理与资源环境专业，彰显我校地理学学科专业群的完整性和时代性。   1. **人才培养需求情况**   2018年《国务院机构改革方案》，组建了自然资源部和生态环境部，统一行使所有国土空间用途管制和生态保护修复职责，着力解决自然资源所有者不到位、空间规划重叠等问题，实现山水林田湖草整体保护、系统修复、综合治理。新部门的成立将急需相应的人才，目前在广西只有桂林理工大学有自然地理与资源环境专业，远远不能满足广西经济社会发展对地理人才的需求。另外，广西师范学院地理学是广西一流学科建设点，配齐地理科学、人文地理与城乡规划、自然地理与资源环境、地理信息科学四个专业，是一流地理学科建设必然途径。  自然地理与资源环境专业毕业生适应市场能力强，能在自然资源、城市规划、生态环境等政府部门和高等院校、科研院所、工矿企业从事与自然地理与资源环境相关的科研、教育、技术研发和管理工作。随着社会各界对资源环境问题认识的深入以及相应法律法规的完善，自然地理与资源环境专业的生源和人才市场需求空间广阔。  **三、专业筹建情况**  在相关专业群建设方面，我校地理学被认定为自治区一流学科，地理科学、地理信息科学和土地资源管理专业既是国家级特色专业建设点，也是自治区高等学校特色专业及课程一体化建设点。拥有广西唯一的地理学一级学科硕士学位授权点，拥有自然地理学、资源与环境信息系统2项自治区级重点学科，拥有广西地表过程与智能模拟省级重点实验室、北部湾环境演变与资源利用教育部实验室。  在师资队伍建设方面，学校在自然地理与资源环境专业领域师资力量雄厚，现有地理学类专业教师34人，教授7人，副教授10人，其中拥有博士学位的教师占48.14%；拥有广西高校人才小高地资源与环境科学创新团队和自然地理学自治区级教学团队。此外，还特聘教授王颖院士、傅伯杰院士、张祖勋院士和蔡运龙教授为客座教授。  在实验室、软硬件设备建设方面，我院已建有地理信息系统实验室、遥感与测绘实验室和资源环境与城乡规划实验室。现有的主要测量仪器包括无人机、激光扫描仪、激光测距仪、电子全站仪、手持GPS、数字化仪、野外光谱仪、宽幅扫/绘图仪等硬件，以及ERDAS、ArcGIS等遥感、GIS软件。近5年来，投入地理学科建设的经费高达1000多万元，更新和添置的新仪器设备共计600多台件，仪器设备更新率达56%。  在校外实习基地建设方面，我校相关专业长期依托行业办学，与国土、水利、规划等行业建立了良好的合作关系，并聘请了多名校外专家作为兼职导师。  在社会实践与服务建设方面，我校地理学科相关教师在区内国土、环保、林业等领域广泛开展自然地理与资源环境技术服务十余项，近年来，教师带领学生参加地方和国家建设项目的相关自然地理与资源环境项目，为地方经济建设和国家建设项目提供了强大的技术保障，也强化了学生的实践能力和综合职业技术能力，也有利于学生的职业道德、职业行为的培养。 |

4.增设专业人才培养方案

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| （包括培养目标、基本要求、修业年限、授予学位、主要课程设置、主要实践性教学环节和主要专业实验、教学计划等内容）（如需要可加页）  **一、培养目标**  本专业通过对学生进行严格科学思维、创新能力、专业知识和专业技能等训练，培养学生掌握自然地理学与资源环境和地理信息科学与技术的相关基础知识、基本理论、分析方法和应用技能；具备通过野外综合考察、社会调查、实验分析等获取第一手科学资料和地理数据，能够分析、归纳、整理相关数据，掌握一定的数理统计分析和计算机技术，具有定量分析研究地理问题的能力；具有遥感、地理信息系统的应用能力，掌握资料调查与收集、文献检索及运用现代技术获得相关信息的基本方法；具备一定的自主设计实验和开展野外调查的能力；具有较强的科学探索精神和接受新知识、新理论和新技术的能力，以及良好的合作精神和团队意识。重点培养能够适应现代地理学发展需要，有志于地理基础科学研究和教学，能在科研教学单位、相关政府部门、企事业单位从事地理类或全球变化、环境保护、资源开发与利用、灾害监测与管理、国土资源调查与管理、区域发展等与地理科学相关的科学研究、应用及管理类专门人才。  **二、基本要求**  毕业生应获得以下几方面的知识和能力：  1.掌握自然资源评价的基本理论和方法；  2.了解本专业和相关学科的理论前沿、应用前景和最新发展，初步具备独立研究的能力和从事实际应用工作的能力；  3.具有运用地理学、经济学等基础理论与方法，研究自然资源资产化的能力；  4.掌握与地理学科学科相关的知识，具有综合分析自然地理、协调解决资源环境的能力；  5.精通遥感技术、ARCGIS、MAPGIS等计算机软件技术；  6.掌握资料文献检索、查询及应用现代信息技术获取信息的基本方法，具有课题方案设计、资料调查收集、归纳分析、撰写论文、参与学术交流的能力；  7.掌握一门外语，能较熟练运用一门外语阅读专业的外文书刊；  8.具有较高的思想、文化、心理和身体素质，具备较强适应能力、协调能力、应变能力和创新能力。  核心课程：自然地理学、人文地理学、地图学、地理信息系统、地质学基础、地貌学与第四纪地质学、气象与气候学、水文学与水资源、土壤地理学、经济地理学、全球变化、自然资源概论、环境科学概论、生态学等。  主要实践性教学环节：课程实习或设计、毕业实习、毕业论文（设计）  **三、修业年限**  1.学制：标准学制4年，弹性学制 3-6年；  2.毕业学分：最低毕业学分170学分。  **四、授予学位**  理学学士。  **五、主要课程设置与主要实践性教学环节**  **（一）学时学分构成表**   |  | **课程类别** | **课程门数（周）** | **学时** | **学分** | **备注** | | --- | --- | --- | --- | --- | --- | | 通识教育课程 | 公共必修课 | 11门 | 692 | 39 |  | | 公共选修课 | 3门 | 90 | 6 |  | | 专业教育课程 | 专业必修 | 15门 | 784 | 49 | 部分课程含实践（实验） | | 专业选修 | 18门左右 | 704 | 43 |  | | 实践类课程 | 入学教育 | 1周 |  |  | 第1学期 | | 毕业教育 | 1周 |  |  | 第8学期 | | 生产劳动 | [48] |  |  |  | | 健康教育 | [4] |  |  |  | | 军事训练 | 1+[1]周 |  |  | 第3学期 | | 社会实践、社会调查 | [4周] |  |  | 假期进行 | | 课程实习 | 14周 | 420 | 10 | 第1-6学期 | | 毕业实习 | 8周 | 240 | 8 | 第8学期 | | 毕业论文（设计） | 6周 | 180 | 6 | 第8学期 | | 第二课堂 |  |  | [6] | 第1-6学期 |  1. **课程结构比例**   1.必修课 88学分，占 44.90%  2.选修课 49 学分，占 25.00%  3.实践教学 59学分，占 30.10%  **六、教学计划**  **（一）通识教育课程设置计划表**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 课程  类别 | 课程名称 | 学分 | 总学时分配 | | | | 各学期周学时分配 | | | | | | | | 考核  方式 | | 开课单位 | 备注 | | 总学  时 | 理论 | 研究性学习 | 实践  （实验） | 一 | 二 | 三 | 四 | 五 | 六 | 七 | 八 | 考试 | 考查 | | 公共必修课程 | 思想道德修养与法律基础 | 3 | 48 | 40 | 8 | | 2 |  |  |  |  |  |  |  | √ |  | 马  克  思  主  义  学  院 | 注1 | | 中国近现代史纲要 | 3 | 48 | 40 | 8 | | **√** |  |  |  |  |  |  |  | √ |  | | 马克思主义基本原理 | 3 | 48 | 32 | 16 | |  |  | 3 |  |  |  |  |  | √ |  | | 毛泽东思想和中国特色社会主义理论体系概论 | 5 | 80 | 72 | 8 | |  |  | 3 | 3 |  |  |  |  | √ |  | | 形势与政策 | [1] | [80] |  |  |  | √ | √ | √ | √ |  |  |  |  |  | √ | 注2 | | 思想政治理论实践课 | [2] | [32] |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | 大学生创新创业与就业指导 | 2 | 32 | 16 |  |  |  |  |  |  |  | √ |  |  |  | √ | 招 就处 |  | | 安全教育课（含大学生心理健康教育） | [2] | [56] |  |  |  | √ | √ | √ | √ | √ | √ |  |  |  | √ | 学 工教 院 | 注3 | | 大学英语A1 | 4 | 64 | 64 |  |  | 4 |  |  |  |  |  |  |  | √ |  | 大  外  部 |  | | 大学英语A2 | 4 | 64 | 64 |  |  |  | 4 |  |  |  |  |  |  | √ |  | | 大学英语A3 | 4 | 64 | 64 |  |  |  |  | 4 |  |  |  |  |  | √ |  | | 大学英语A4 | 4 | 64 | 64 |  |  |  |  |  | 4 |  |  |  |  | √ |  | | 公共体育（一） | 1 | 36 | 4 |  | 32 | 2 |  |  |  |  |  |  |  |  | √ | 公  体  部 | 注4 | | 公共体育（二） | 1 | 36 | 4 |  | 32 |  | 3 |  |  |  |  |  |  |  | √ | | 公共体育（三） | 1 | 36 | 4 |  | 32 |  |  | 3 |  |  |  |  |  |  | √ | | 公共体育（四） | 1 | 36 | 4 |  | 32 |  |  |  | 3 |  |  |  |  |  | √ | | 军事理论 | [2] | [36] | 16 |  | 20 | √ |  |  |  |  |  |  |  | √ |  | 军事教 | 注5 | | 高等数学C-1 | 3 | 48 |  |  |  | 4 |  |  |  |  |  |  |  | √ |  | 数统学院 |  | | 高等数学C-2 | 4 | 64 |  |  |  |  | 5 |  |  |  |  |  |  | √ |  | | 公共选修课程 | 人文科学与社会科学 | 6 | 90 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 注6 | | 自然科学与工程技术 |  |  |  |  |  |  |  |  |  |  |  |  |  | | 艺术欣赏与体育健康 |  |  |  |  |  |  |  |  |  |  |  |  |  | | 创新创业与职业规划 |  |  |  |  |  |  |  |  |  |  |  |  |  | | 生命关怀与成长教育 |  |  |  |  |  |  |  |  |  |  |  |  |  |   备注：  1.思想政治教育课开课调整：将五合校区四个学院的课程统一按文科专业的开课时间开课；将音乐舞蹈学院、初等教育学院的《思想道德修养与法律基础》、《中国近现代史纲要》、《马克思主义基本原理》三门课程调整为与理科专业共同开课。其余学院继续按照《中国近现代史纲要》（文1理2）、《思想道德修养与法律基础》（文2理1）、《马克思主义基本原理》（文4理3）的开课方式不变，《毛泽东思想和中国特色社会主义理论体系概论》继续安排在第3、4学期开课。实践教学包含网络教学，由教师指导，学生利用课内外时间进行自主学习和实践。  2.《形势与政策》课程1学分，总学时80学时。其中理论学时16学时，安排在1-4学期开课，每学期一次性授课4个学时，第4学期结束时对学生进行考核，录入成绩。每学期还有16个实践学时为“第二课堂”，按照有关规定，主要包括每学期校党政领导、宣传部、团委和各二级学院党团组织举行的专题报告、时事教育活动。  3.《安全教育》课程2学分，总学时56学时，其中安全教育内容学时为24学时，开课时间安排在1-6学期。每学期授课2次，分别于开学第一周和放寒暑假前一周开设，每次2学时，学期结束需要对学生进行考核和测试，成绩录入学生总成绩。大学生心理健康教育内容学时为16+16学时，16学时为教师课堂授课学时，16学时为学生自主实践活动学时，开课学期为文2理3。  4.《公共体育》课程安排2学年开设，总学时144学时，每学年理论教学8学时，身体素质、专项实践课和考试共56学时，学生课外专项练习8学时。  5.《军事理论》课程2学分，总学时36学时，其中课堂教授16个学时，《军事理论》慕课平台学习19个学时，期末考试1个学时。  6. 学生在校期间需修满 6 个学分公共选修课学分，包含选修1 门创新创业课程和 1 门艺术或体育类课程，并要求文科学生必修修读 1 门自然科学与技术系列课程，理工科学生必修修读 1 门人文社科系列课程。  **（二）实践类课程设置计划表**   |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 实践类课程 | 课程名称 | 学分 | 学时 | 各学期周学时分配 | | | | | | | | 开课单位 | | 一 | 二 | 三 | 四 | 五 | 六 | 七 | 八 |  | | 入学教育 |  | 1周 |  |  |  | 1周 |  |  |  |  | 地理学院 | | 毕业教育 |  | 1周 |  |  |  |  |  |  |  |  | | 生产劳动 |  | [48] |  |  |  |  |  |  |  |  |  | | 军事训练 |  | 1+[1]周 |  |  |  |  |  | 1周 |  |  | 武装部 | | 健康教育 |  | [4] |  |  |  |  |  |  |  |  |  | | 社会实践、社会调查 |  | [4周] |  |  |  |  |  |  |  |  | 地理学院 | | 专业课程实习 | 10 | 10周 |  |  |  | 2周 | 1周 | 2周 | 4周 | 2周 | | 毕业实习 | 8 | 8周 |  |  |  |  |  |  |  |  | | 毕业论文（设计） | 6 | 6周 |  |  |  |  |  |  |  |  | | 第二课堂 | [6] |  |  |  |  |  |  |  |  |  | 备注1 |   注1:创新实践学分指我校全日制本科学生在校期间参加学科竞赛、学术活动、社会实践、行业证书考试取得成果，经教学管理部门认定而获得的学分。具体学分认定详见《广西师范学院大学生创新实践学分管理办法》（桂师院教字〔2014〕20号），学生毕业前创新实践应修学分不少于2个学分（其中要求非师生必须获得0.5个普通话测试学分）  **（三）专业教育课程设置计划表**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 课程类别 | | 课程名称 | 学分 | 总学时分配 | | | | 各学期周学时分配 | | | | | | | | | | | | | | | | 考核方式 | | | | 开课单位 | | 备注 | | 总学时 | 理论 | 研究性学习 | 实践（实验） | 一 | | 二 | | 三 | | 四 | | 五 | | 六 | | 七 | | 八 | | 考试 | | 考查 | | | 专业必修课程 | 学科基础课程 | 自然地理学概论 | 4 | 64 | 64 |  |  | 4 | |  | |  | |  | |  | |  | |  | |  | | √ | |  | | 地理学院 | |  | | 人文地理学概论 | 4 | 64 | 64 |  |  |  | | 4 | |  | |  | |  | |  | |  | |  | | √ | |  | |  | | 地图学 | 4 | 64 | 50 |  | 14 | 4 | |  | |  | |  | |  | |  | |  | |  | | √ | |  | |  | | 地理信息系统 | 4 | 64 | 40 |  | 24 |  | | 4 | |  | |  | |  | |  | |  | |  | | √ | |  | |  | | 专业核心课程 | 地质学基础 | 3 | 48 | 38 |  | 10 |  | |  | | 3 | |  | |  | |  | |  | |  | | √ | |  | |  | | 地貌学与第四纪地质学 | 4 | 64 | 64 |  |  |  | |  | | 4 | |  | |  | |  | |  | |  | | √ | |  | |  | | 气象与气候学 | 3 | 48 | 32 |  | 16 |  | |  | | 3 | |  | |  | |  | |  | |  | | √ | |  | |  | | 水文学与水资源 | 4 | 64 | 32 | 32 |  |  | |  | |  | | 4 | |  | |  | |  | |  | | √ | |  | |  | | 土壤地理学 | 3 | 48 | 44 |  | 4 |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | |  | | 植物地理学 | 3 | 48 | 42 |  | 6 |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | |  | | 遥感概论 | 3 | 48 | 32 |  | 16 |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | |  | | 资源科学概论 | 3 | 48 | 48 |  |  |  | |  | |  | |  | | 3 | |  | |  | |  | | √ | |  | |  | | 环境科学概论 | 2 | 32 | 32 |  |  |  | |  | |  | | 2 | |  | |  | |  | |  | | √ | |  | |  | | 生态学 | 3 | 48 | 48 |  |  |  | |  | |  | |  | | 3 | |  | |  | |  | | √ | |  | |  | | 全球变化 | 2 | 32 | 32 |  |  |  | |  | |  | |  | |  | | 2 | |  | |  | | √ | |  | |  | | 专业选修课程 | 专业限选课程 | 地球科学导论 | 2 | 32 | 32 |  |  | 2 | |  | |  | |  | |  | |  | |  | |  | |  | | √ | |  | | 资源评价与规划 | 2 | 32 | 32 |  |  |  | |  | |  | |  | |  | | 2 | |  | |  | | √ | |  | |  | | 线性代数与概率统计 | 3 | 48 | 48 |  |  |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | |  | | 计量地理学 | 3 | 48 | 42 |  | 6 |  | |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | | 测量学 | 4 | 64 | 48 |  | 16 |  | |  | |  | |  | |  | | 4 | |  | |  | | √ | |  | |  | | 城市地理学 | 3 | 48 | 48 |  |  |  | |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | | 资源利用与规划系列 | 经济地理学 | 2 | 32 | 32 |  |  |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | |  | | 广西地理 | 2 | 32 | 32 |  |  |  | |  | |  | |  | |  | | 2 | |  | |  | |  | |  | |  | | 海洋地理学 | 2 | 32 | 32 |  |  |  | |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | | 土地资源学 | 2 | 32 | 32 |  |  |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | |  | | 自然资源管理与法规 | 2 | 32 | 32 |  |  |  | |  | |  | |  | |  | |  | | 2 | |  | | √ | |  | |  | | 自然资源综合调查 | 3 | 48 | 48 |  |  |  | |  | |  | |  | |  | | 3 | |  | |  | |  | |  | |  | | 国土空间规划 | 3 | 48 | 40 | 8 |  |  | |  | |  | |  | |  | | 3 | |  | |  | |  | | √ | |  | | 区域分析与规划 | 3 | 48 | 40 | 8 |  |  | |  | |  | |  | |  | | 3 | |  | |  | |  | | √ | |  | | 城乡规划概论 | 3 | 48 | 40 | 8 |  |  | |  | |  | |  | |  | | 3 | |  | |  | |  | | √ | |  | | 城市生态与环境规划 | 3 | 48 | 40 | 8 |  |  | |  | |  | |  | |  | |  | |  | |  | |  | | √ | |  | | 土地资源利用与规划 | 3 | 48 | 40 | 8 |  |  | |  | |  | |  | |  | | 3 | |  | |  | | √ | |  | |  | | 专业选修课程 | 资源利用与规划系列 | 农业地理与农业区划 | 3 | 48 | 40 | 8 |  | |  | |  | |  | |  | | 3 | |  | |  | |  | | √ | |  | |  |  | | 矿产资源利用与规划 | 3 | 48 | 40 | 8 |  | |  | |  | |  | |  | | 3 | |  | |  | |  | | √ | |  | |  | | 能源管理与节能评估 | 2 | 32 | 26 | 6 |  | |  | |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | | 碳资产开发与管理 | 2 | 32 | 26 | 6 |  | |  | |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | | 不动产估价 | 3 | 48 | 40 | 8 |  | |  | |  | |  | |  | |  | | 3 | |  | |  | |  | | √ | |  | | 环境评估与管理系列 | 景观生态学 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | | 资源环境经济学 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | | 2 | |  | |  | |  | |  | | √ | |  | | 资源环境法规 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | | √ | |  | |  | | 环境化学 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | | √ | |  | |  | | 环境地质学 | 2 | 32 |  |  |  | |  | |  | | 2 | |  | |  | |  | |  | |  | | √ | |  | |  | | 土壤环境学 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | | √ | |  | |  | | 水土保持学 | 3 | 48 | 48 |  |  | |  | |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | | 土地整治学 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | | 岩溶环境学 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | | 地质灾害调查与评价 | 3 | 48 | 48 |  |  | |  | |  | |  | |  | |  | | 3 | |  | |  | | √ | |  | |  | | 环境影响评价 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | | 资源环境信息技术系列 | 资源环境遥感应用 | 3 | 48 | 36 |  | 12 | |  | |  | |  | |  | | 3 | |  | |  | |  | | √ | |  | |  | | ARCGIS软件应用 | 3 | 48 | 24 |  | 24 | |  | |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | | 计算机辅助设计 | 3 | 48 | 24 |  | 24 | |  | |  | |  | |  | |  | | 3 | |  | |  | | √ | |  | |  | | 自然资源利用数据库建设 | 2 | 32 | 32 |  | 16 | |  | |  | |  | |  | |  | |  | | 3 | |  | |  | | √ | |  | | MAPGIS软件应用 | 3 | 48 | 32 |  | 16 | |  | |  | |  | |  | | 3 | |  | |  | |  | |  | | √ | |  | | 自然灾害模拟应用 | 3 | 48 | 24 |  | 24 | |  | |  | |  | |  | |  | | 4 | |  | |  | |  | | √ | |  | | 科研素养系列 | 文献检索与科技论文写作 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | | 自然地理学研究方法 | 2 | 32 | 32 |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | | √ | |  | |  | | 专题讲座 | 1 | 16 |  |  |  | |  | |  | |  | |  | |  | |  | | 2 | |  | |  | | √ | |  | | 地理专业英语 | 2 | 32 |  |  |  | |  | |  | |  | |  | |  | | 2 | |  | |  | |  | | √ | |  | | 专题讲座 | 1 | 16 |  |  |  | |  | |  | |  | |  | |  | |  | | 2 | |  | |  | | √ | |  |   **（四）实践课程**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 课程类别 | 课程名称 | 学分 | 学时 | 学期周学时 | | | | | | 考核方式 | | 开课单位 | 备注 | | 一 | 二 | 三 | 四 | 五 | 六 | 考试 | 考查 | | 实践类课程 | 国土空间规划 | 1 | 30 |  |  |  |  |  |  |  | √ | 地理学院 |  | | 区域分析与区域规划 | 1 | 30 |  |  |  |  |  |  |  | √ |  | | 地貌学 | 0.5 | 15 |  |  |  |  |  |  |  | √ |  | | 地质学 | 0.5 | 15 |  |  |  |  |  |  |  | √ |  | | 自然灾害与防治 | 1 | 30 |  |  |  |  |  |  |  | √ |  | | 水资源与水文学 | 1 | 30 |  |  |  |  |  |  |  | √ |  |   **七、修读指导**  1.学生在选课指导教师的指导下选择自己的学习课程，修满培养方案规定的170学分方能毕业。  2.实施弹性学制，但学习年限最长不得超过6年。  3.学生第二学期结束后，通过大学英语四级，可自动获得《大学英语》C（三）4学分，并可在第三学期开学前选修指定选课程。若学生在第三学期结束后，通过大学英语四级，可自动获得《大学英语》C（四）4学分。 |

5.专业主要带头人简介

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 姓名 | 周慧杰 | | | 性别 | 男 | | 专业技术职务 | | 教授 | | 第一学历 | | | 本科 |
| 出生年月 | 1967.12 | | 行政职务 | |  | | 最后学历 | | | 研究生 |
| 第一学历和最后学历毕业时间、学校、专业 | | | | 1990年7月，大学本科，长春地质学院，地质学  2012年7月，博士，中国科学院广州地球化学研究所，环境科学 | | | | | | | | | | |
| 主要从事工作与  研究方向 | | | | 地理综合教学与科研  综合自然地理、资源环境与区域可持续发展研究 | | | | | | | | | | |
| 本人近三年的主要工作成就 | | | | | | | | | | | | | | |
| 在国内外重要学术刊物上发表论文共 12 篇；出版专著（译著等） 1 部。 | | | | | | | | | | | | | | |
| 获教学科研成果奖共 2 项；其中：国家级 0 项，省部级 2 项。 | | | | | | | | | | | | | | |
| 目前承担教学科研项目共 6 项；其中：国家级项目 2 项，省部级项目 0 项。 | | | | | | | | | | | | | | |
| 近三年拥有教学科研经费共 180 万元，年均 60 万元。 | | | | | | | | | | | | | | |
| 近三年给本科生授课（理论教学）共 学时；指导本科毕业设计共23人次。 | | | | | | | | | | | | | | |
| 最具代表性的教学科研成果（4项以内） | | 序号 | 成果名称 | | | 等级及签发单位、时间 | | | | | | 本人署名位次 | | |
| 1 | 复合生态系统演变与生态经济发展模式——以广西大新县湿热岩溶山区为例 | | | 广西自治区第十四次社会科学优秀成果三等奖,广西壮族自治区人民政府, 2016 | | | | | | 1 | | |
| 2 | Analysis of the decomposition of factors affecting energy-related carbon emissions in Guangxi province, China | | | Indian Journal of Geo-Marine Sciences, 2017, 46(2): 229~244（SCI）. | | | | | | 1 | | |
| 3 | The decline of Pingcheng: climate change impact, vulnerability and adaptation in the Northern Wei dynasty, China | | | Journal of Historical Geography, 2017,58: 12~22（SSCI）. | | | | | | 通讯作者 | | |
| 4 | 聚焦课程教材教学综合改革推动中学地理教师专业发展研究与实践 | | | 2017年广西高等教育自治区级教学成果二等奖，广西壮族自治区教育厅，2017.6 | | | | | | 5 | | |
| 目前承担的主要教学科研项目（4项以内） | | 序号 | 项目名称 | | | 项目来源 | | 起讫时间 | | 经费 | | 本人承担工作 | | |
| 1 | 广西红水河流域岩溶山区复合生态系统演变与生态经济发展模式研究(41361023) | | | 国家自然科学基金 | | 2013.12-2017.12 | | 50 | | 主持 | | |
| 2 | 广西红树林湿地沉积层碳汇效应研究（2011GXNSFA018010） | | | 广西自然科学基金 | | 2011.03-2015.03 | | 5 | | 主持 | | |
| 3 | 基于结构特征的河流分类及其功能辨析与调控（41461021） | | | 国家自然科学基金 | | 2015.12-2019.12 | | 50 | | 第二负责人 | | |
| 4 | 大新县土地利用总体规划调整完善 | | | 地方政府委托项目 | | 2015.01-2017.12 | | 80 | | 技术负责 | | |
| 目前承担的主要教学工作（5项以内） | | 序号 | 课程名称 | | | 授课对象 | | 人数 | 学时 | 课程性质 | | | 授课时间 | |
| 1 | 地质学基础 | | | 本科 | | 252 | 64 | 专业必修 | | | 2015-2017 | |
| 2 | 人文地理学 | | | 本科 | | 683 | 48 | 专业必修 | | | 2006-2018 | |
| 3 | 自然地理学 | | | 本科 | | 167 | 48 | 专业必修 | | | 2012-2015 | |
| 4 | 可持续发展导论 | | | 本科 | | 266 | 32 | 专业选修 | | | 2006-2009 | |
| 5 | 地理科学导论 | | | 本科 | | 165 | 32 | 专业限选 | | | 2012-2013 | |
| 教学管理部门审核意见 | | | 签章 | | | | | | | | | | | |

注：填写三至五人，只填本专业专任教师，每人一表。专业主要带头人简介

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 姓名 | 卢　远 | | | 性别 | 男 | 专业技术职务 | | 教授 | | 第一学历 | | | 本科 |
| 出生年月 | 1971.1 | 行政职务 | | 院长 | | 最后学历 | | | 研究生 |
| 第一学历和最后学历  毕业时间、学校、专业 | | | | 1992年7月，大学本科，长春地质学院水文地质与工程地质专业  2005年7月，博士，吉林大学 地学信息工程 | | | | | | | | | | |
| 主要从事工作与  研究方向 | | | | GIS与遥感应用、土壤侵蚀与水土保持 | | | | | | | | | | |
| 本人近三年的主要工作成就 | | | | | | | | | | | | | | |
| 在国内外重要学术刊物上发表论文共10篇；出版专著（译著等） 0 部。 | | | | | | | | | | | | | | |
| 获教学科研成果奖共1 项；其中：国家级 0 项，省部级 1 项。 | | | | | | | | | | | | | | |
| 目前承担教学科研项目共2项；其中：国家级项目1项，省部级项目1项。 | | | | | | | | | | | | | | |
| 近三年拥有教学科研经费共 166万元，年均 55万元。 | | | | | | | | | | | | | | |
| 近三年给本科生授课（理论教学）共430学时；指导本科毕业设计共 22 人次。 | | | | | | | | | | | | | | |
| 最具代表性的教学科研成果 | | 序号 | 成果名称 | | | 等级及签发单位、时间 | | | | | 本人署名位次 | | | |
| 1 | 北部湾经济区土地利用格局模拟及其生态环境效益评价——以钦州市为例 | | | 水土保持通报  2015-02-15 | | | | | 通讯作者 | | | |
| 2 | [北部湾MODIS气溶胶光学厚度的反演](http://epub.cnki.net/kns/detail/detail.aspx?recid=&filename=DXKJ201501003&dbname=CJFD2015&dbcode=CJFD&id=&file=DXKJ201501003) | | | 地理空间信息  2015-02-15 | | | | | 通讯作者 | | | |
| 3 | [近20年广西北部湾滨海湿地时空格局变化研究](http://epub.cnki.net/kns/detail/detail.aspx?recid=&filename=LKGL201401013&dbname=CJFD2014&dbcode=CJFD&id=&file=LKGL201401013) | | | 湿地科学与管理  2014-03-30 | | | | | 通讯作者 | | | |
| 4 | 基于GIS的水生态健康评价系统开发 | | | 地理空间信息  2013-08-28 | | | | | 通讯作者 | | | |
| 目前承担的主要教学科研项目 | | 序号 | 项目名称 | | | 项目来源 | 起讫时间 | | 经费 | | 本人承担工作 | | | |
| 1 | 基于3S技术和数值模型耦合的南宁市大气质量（PM2.5、PM10）模拟与预报关键技术 | | | 广西科技开发计划项目 | 2015-2017 | | 30万 | | 主持 | | | |
| 2 | 横县永久基本农田划定和土地利用总体规划调整完善 | | | 地方政府委托项目 | 2015-2016 | | 140万 | | 主持 | | | |
| 3 | 岩溶山区小流域土壤侵蚀遥感监测与评价 | | | 水利厅委托项目 | 2015-2016 | | 30万 | | 主持 | | | |
| 4 | 广西生态环境遥感监测与评价 | | | 环保厅委托项目 | 2014-2015 | | 25万 | | 主持 | | | |
| 目前承担的主要教学工作 | | 序号 | 课程名称 | | | 授课对象 | 人数 | 学时 | 课程性质 | | | 授课时间 | | |
| 1 | 遥感概论 | | | 本科 | 260 | 48 | 专业必修 | | | 2008-2014 | | |
| 2 | ArcGIS软件应用 | | | 本科 | 280 | 48 | 专业选修 | | | 2008-2015 | | |
| 3 | 空间分析理论与应用 | | | 研究生 | 32 | 48 | 专业选修 | | | 2013-2014 | | |
| 教学管理部门审核意见 | | | 签章： | | | | | | | | | | | |

专业主要带头人简介

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 姓名 | 胡宝清 | | | 性别 | 男 | | 专业技术职务 | | 教授 | | 第一学历 | | | 大专 |
| 出生年月 | 1966.12 | | 行政职务 | | 副院长 | | 最后学历 | | | 研究生 |
| 第一学历和最后学历毕业时间、学校、专业 | | | | 1986年7月年大专毕业江西师范大学地理科学专业  2001年8月博士毕业于中国科学院大地构造研究所构造地质学专业 | | | | | | | | | | |
| 主要从事工作与  研究方向 | | | | 自然地理学、土地资源管理、脆弱环境演变与综合治理、资源环境GIS等教学和科研工作 | | | | | | | | | | |
| 本人近三年的主要成就 | | | | | | | | | | | | | | |
| 在国内外重要学术刊物上发表论文共 30 篇； 出版专著（译著等） 4 部。 | | | | | | | | | | | | | | |
| 获教学科研成果奖共 4 项；其中：国家级 0 项， 省部级 4 项。 | | | | | | | | | | | | | | |
| 目前承担教学科研项目共 5 项；其中：国家级项目 1 项，省部级项目 4 项。 | | | | | | | | | | | | | | |
| 近三年拥有教学科研经费共 300万元， 年均 100 万元。 | | | | | | | | | | | | | | |
| 近三年给本科生授课（理论教学）共 480 学时；指导本科毕业设计共 22 人次。 | | | | | | | | | | | | | | |
| 最具代表性的教学科研成果（4项以内） | | 序号 | 成果名称 | | | 等级及签发单位、时间 | | | | | | 本人署名位次 | | |
| 1 | 以实施质量工程为抓手、推进教学改革与建设、提升资源环境类专业群人才培养质量 | | | 广西高教优秀成果一等奖、  2012年广西教育厅 | | | | | | 1 | | |
| 2 | 县域循环经济发展评价理论、方法与实例研究 | | | 广西社会科学优秀成果一等奖、2012年广西区政府 | | | | | | 1 | | |
| 3 | 科学数据集成与智能决策支持平台及其在资源环境中的应用 | | | 广西科技进步二等奖、  2014年广西区政府 | | | | | | 2 | | |
| 4 | 广西岩溶区石漠化治理控制与技术集成 | | | 广西科技进步二等奖、  2013年广西区政府 | | | | | | 8 | | |
| 目前承担的主要教学科研项目（4项以内） | | 序号 | 项目名称 | | | 项目来源 | | 起讫时间 | | 经费 | | 本人承担工作 | | |
| 1 | 北部湾海陆过渡带生态环境演化机理及其情景模拟研究（41361022） | | | 国家基金委 | | 2014-2017 | | 50 | | 主持 | | |
| 2 | 基于水-土-气-生-人耦合的西江流域生态环境风险评价与情景模拟（2014DD29090） | | | 广西科技开发项目 | | 2014-2016 | | 90 | | 主持 | | |
| 3 | 广西北部湾经济区海陆交错带环境与生态演变过程及适应性调控研究 | | | 广西北部湾重大基础专项子课题 | | 2012-2015 | | 30 | | 主持 | | |
| 4 | 北部湾同城化资源环境约束机制与情景模拟研究 | | | 广西自然科学基金重大项目 | | 2014-2017 | | 30 | | 第二负责 | | |
| 目前承担的主要教学工作（5门以内） | | 序号 | 课程名称 | | | 授课对象 | | 人数 | 学时 | 课程性质 | | | 授课时间 | |
| 1 | 土地资源学 | | | 本科 | | 40 | 48 | 必修课 | | | 每年 | |
| 2 | 城市生态学 | | | 本科 | | 40 | 32 | 必修课 | | | 每年 | |
| 3 | 资源信息学 | | | 本科 | | 40 | 32 | 选修课 | | | 每年 | |
| 4 | 自然资源学 | | | 研究生 | | 12 | 48 | 必修课 | | | 每年 | |
| 5 | 区域分析与规划研究 | | | 研究生 | | 12 | 32 | 选修课 | | | 每年 | |
| 教学管理部门审核意见 | | | 签章 | | | | | | | | | | | |

专业主要带头人简介

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 姓名 | 毛蒋兴 | | | 性别 | 男 | | 专业技术职务 | 教授 | | 第一学历 | | 本科 | |
| 出生年月 | 1976年3月 | | 行政职务 |  | | 最后学历 | | 研究生 | |
| 第一学历和最后学历毕业时间、学校、专业 | | | | 1998年7月，南京大学，经济地理与城乡规划专业  2006年7月，中山大学，人文地理学专业 | | | | | | | | | |
| 主要从事工作与研究方向 | | | | 城乡区域规划与规划管理，人文地理与城市地理 | | | | | | | | | |
| 本人近三年的主要成就 | | | | | | | | | | | | | |
| 在国内外重要学术刊物上发表论文共16篇； 出版专著（译著等）1部。 | | | | | | | | | | | | | |
| 获教学科研成果奖共6项；其中：国家级1项， 省部级5项。 | | | | | | | | | | | | | |
| 目前承担教学科研项目共2项；其中：国家级项目0项，省部级项目2项。 | | | | | | | | | | | | | |
| 近三年拥有教学科研经费共50万元， 年均16.6万元。 | | | | | | | | | | | | | |
| 近三年给本科生授课（理论教学）共540学时；指导本科毕业设计共9人次。 | | | | | | | | | | | | | |
| 最具代表性的教学科研成果（4项以内） | | 序号 | 成果名称 | | | 等级及签发单位、时间 | | | | | | | 本人署名  位次 |
| 1 | 广西主体功能区区划综合研究报告 | | | 第三届广西政府决策咨询成果奖一等奖，2012 | | | | | | | 1 |
| 2 | 广西新型城镇规划建设和管理问题研究 | | | 广西社会科学优秀成果奖三等奖，2014 | | | | | | | 1 |
| 3 | 广西农业功能区划研究 | | | 中国农业功能区划学会优秀成果奖一等奖，2011 | | | | | | | 1 |
| 4 | 梧州城市总体发展战略规划研究 | | | 广西优秀城乡规划设计奖一等奖，2010 | | | | | | | 1 |
| 目前承担的主要教学科研项目（4项以内） | | 序号 | 项目名称 | | | 项目来源 | | 起讫时间 | | | 经费 | | 本人承担  工作 |
| 1 | 中国——东盟海岸带资源环境与生态安全研究 | | | 广西科学研究与技术开发计划项目 | | 2013—2016 | | | 90 | | 主持 |
| 2 | 基于资源环境与城镇化互动机制的健康城镇化模式研究—以广西为例 | | | 广西自然科学基金项目 | | 2015－2016 | | | 10 | | 主持 |
| 3 | 北部湾广西城市群土地资源可持续利用模式研究 | | | 广西教育厅项目 | | 2014－2015 | | | 10 | | 主持 |
| 4 | 北部湾经济区土地快速变化机制及其资源环境效应研究 | | | 广西高校优秀人才资助计划资助项目 | | 2013－2014 | | | 10 | | 主持 |
| 目前承担的主要教学工作（5门以内） | | 序号 | 课程名称 | | | 授课对象 | | 人数 | 学时 | | 课程性质 | | 授课时间 |
| 1 | 城市规划案例分析 | | | 本科生 | | 37 | 36 | | 必修 | | 每年 |
| 2 | 城市规划原理 | | | 本科生 | | 39 | 48 | | 限选 | | 每年 |
| 3 | 城市整体规划 | | | 本科生 | | 40 | 48 | | 必修 | | 每年 |
| 4 | 人文地理学 | | | 本科生 | | 30 | 48 | | 必修 | | 每年 |
| 教学管理部门审核意见 | | | 签章 | | | | | | | | | | |

专业主要带头人简介

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 姓名 | 赵银军 | | | 性别 | 男 | 专业技术职务 | | | 副教授 | | 第一学历 | | | 本科 |
| 出生年月 | 1979.8 | 行政职务 | | | 院长助理 | | 最后学历 | | | 研究生 |
| 第一学历和最后学历毕业时间、学校、专业 | | | | 2001年 成都理工大学 资源勘查工程 获得工学学士学位 2014年1月 北京师范大学 地下水科学与工程获工学博士学位 | | | | | | | | | | |
| 主要从事工作与  研究方向 | | | | 地理信息系统应用及遥感技术 | | | | | | | | | | |
| 本人近三年的主要成就 | | | | | | | | | | | | | | |
| 在国内外重要学术刊物上发表论文共7 篇； 出版专著（译著等）0部。 | | | | | | | | | | | | | | |
| 获教学科研成果奖共0项；其中：国家级0项， 省部级0项。 | | | | | | | | | | | | | | |
| 目前承担教学科研项目共 2项；其中：国家级项目 1 项，省部级项目 1 项。 | | | | | | | | | | | | | | |
| 近三年拥有教学科研经费共 90万元， 年均 30 万元。 | | | | | | | | | | | | | | |
| 近三年给本科生授课（理论教学）共240学时；指导本科毕业设计共10人次。 | | | | | | | | | | | | | | |
| 最具代表性的教学科研成果（4项以内） | | 序号 | 成果名称 | | | | 等级及签发单位、时间 | | | | | 本人署名位次 | | |
| 1 | 流域生态补偿理论探讨 | | | | 生态环境学报，2012 | | | | | 1 | | |
| 2 | 河流功能区划理论与实践 | | | | 科技导报，2013 | | | | | 1 | | |
| 3 | 论河流功能 | | | | 科技导报，2013 | | | | | 1 | | |
| 4 | 基于虚拟地球的数字流域平台集成技术 | | | | 水电能源科学，2011 | | | | | 1 | | |
| 目前承担的主要教学科研项目（4项以内） | | 序号 | 项目名称 | | | | 项目来源 | 起讫时间 | | 经费 | | 本人承担工作 | | |
| 1 | 基于结构特征的河流分类及其功能辨析与调控 | | | | 国家自然科学基金委 | 2015-2019 | | 50万 | | 主持 | | |
| 2 | 基于能力本位的地理信息科学人才工程化培养模拟探索 | | | | 广西教育厅 | 2015-2016 | | 2万 | | 主持 | | |
| 3 | 基于RS和数值模型的南宁市大气颗粒物（PM2.5）时空演变趋势研究 | | | | 南宁市环境保护监测站 | 2014-2015 | | 10万 | | 主持 | | |
| 目前承担的主要教学工作（5门以内） | | 序号 | 课程名称 | | | | 授课对象 | 人数 | 学时 | 课程性质 | | | 授课时间 | |
| 1 | C语言 | | | | 14GIS | 39 | 64 | 必修 | | | 2015-今 | |
| 2 | 软件工程 | | | | 12GIS | 40 | 48 | 选修 | | | 2015-今 | |
| 3 | ArcGIS开发 | | | | 12GIS | 40 | 48 | 必修 | | | 2014-今 | |
| 4 | 数据结构与算法 | | | | 12GIS | 40 | 64 | 必修 | | | 2014-今 | |
| 教学管理部门审核意见 | | | 签章 | | | | | | | | | | | |

6.教师基本情况表

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **姓名** | **性别** | **年龄** | **专业技术职务** | **第一学历毕业学校、专业、学位** | **最后学历毕业学校、专业、学位** | **现从事专业** | **拟任课程** | **专职**  **/兼职** |
|  | 周慧杰 | 男 | 51 | 教授 | 长春地质学院，地质学，  工学学士 | 中国科学院广州地球化学研究所，环境科学，博士 | 自然地理 | 地质学基础、人文地理学 | 专职 |
|  | 卢 远 | 男 | 44 | 教授 | 长春地质学院、水文地质与工程地质，工学学士 | 吉林大学，地学信息工程，博士 | 地理信息科学 | 遥感概论、自然灾害与防治 | 专职 |
|  | 胡宝清 | 男 | 49 | 教授 | 江西师范大学，地理科学专业，大专 | 中国科学院大地构造研究所，构造地质学，博士 | 地理科学 | 土地资源利用与规划 | 专职 |
|  | 毛蒋兴 | 男 | 42 | 教授 | 南京大学，经济地理与城乡规划专业 | 中山大学，人文地理学专业 | 城乡区域规划与规划管理，人文地理与城市地理 | 人文地理学概论、城乡规划概论 | 专职 |
|  | 周兴 | 男 | 51 | 教授 | 广西师范大学，生物科学，本科 | 广西师范大学，生物科学，本科 | 自然地理学、土地规划 | 土地  资源学 | 专职 |
|  | 周游游 | 男 | 54 | 教授 | 南京大学，地貌学，本科 | 中国地质大学，博士 | 自然地理 | 自然  地理学概论 | 专职 |
|  | 吴良林 | 男 | 51 | 教授 | 广西师范学院，地理科学，理学学士 | 中山大学，地理学，理学博士 | 地理信息科学 | 地理信息系统 | 专职 |
|  | 周 涛 | 男 | 43 | 教授级  高工 | 武汉大学，摄影测量与遥感，工学学士 | 美国乔治梅森大学，地理信息科学，研究生 | 测绘遥感 | 测量学 | 兼职 |
|  | 廖超明 | 男 | 40 | 教授级  高工 | 武汉大学，大地测量，工学学士 | 武汉大学，大地测量，博士 | 测绘遥感 | 测量学 | 兼职 |
|  | 李 峙 | 男 | 38 | 副教授 | 四川大学，计算机应用，工学学士 | 中国科学院，地图学与GIS，理学博士 | 地理信息科学 | 自然灾害模拟应用、自然资源利用数据库建设 | 专职 |
|  | 黄秋燕 | 女 | 40 | 副教授 | 广西师范学院，地理科学，理学学士 | 南京大学，地图学与GIS，理学博士 | 地理信息科学 | 资源环境遥感应用 | 专职 |
|  | 赵银军 | 男 | 36 | 副教授 | 成都理工学大学，资源勘查工程，工学学士 | 北京师范大学 地下水科学与工程，博士 | 地理信息科学 | 地理信息系统、自然资源利用数据库建设 | 专职 |
|  | 秦年秀 | 女 | 38 | 副教授 | 西南师范大学，地理科学，理科学士 | 河海大学，水文学及水资源专业，理学博士 | 地理科学 | 水文学与水资源 | 专职 |
|  | 杨海燕 | 女 | 48 | 高级  工程师 | 武汉大学，地图制图专业，理学学士 | 武汉大学，地图制图专业，学士 | 地理信息科学 | 地图学 | 专职 |
|  | 李巨栋 | 男 | 38 | 高级  工程师 | 武汉大学，地图制图专业，理学学士 | 武汉大学，地图制图专业，理学硕士 | 测绘工程 | 测量学、地图学 | 专职 |
|  | 韩世静 | 女 | 33 | 讲师 | 解放军信息工程大学，测绘工程，工学学士 | 广西师范学院，土地资源管理，管理学硕士 | 测绘工程 | 测量学 | 专职 |
|  | 龙嘉露 | 女 | 28 | 讲师 | 西南交通大学，大地测量学与测绘工程，工学学士 | 西南交通大学，大地测量学与测绘工程，工学硕士 | 测绘工程 | 测量学 | 专职 |

7.主要课程开设情况一览表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **序号** | **课程名称** | **课程**  **总学时** | **课程**  **周学时** | **授课教师** | **授课学期** |
| 1 | 自然地理学 | 64 | 4 | 林清 | 2 |
| 2 | 人文地理学 | 64 | 4 | 严志强 | 1 |
| 3 | 地图学 | 64 | 4 | 黄秋燕 | 1 |
| 4 | 地理信息系统 | 64 | 4 | 赵银军 | 2 |
| 5 | 地质学基础 | 48 | 3 | 周慧杰 | 3 |
| 6 | 地貌学与第四纪地质学 | 48 | 3 | 周慧杰 | 3 |
| 7 | 气象与气候学 | 48 | 3 | 梁浩原 | 4 |
| 8 | 水文学与水资源 | 64 | 4 | 秦年秀 | 5 |
| 9 | 土壤地理学 | 48 | 3 | 张建兵 | 4 |
| 10 | 经济地理学 | 48 | 3 | 韦钰 | 3 |
| 11 | 全球变化 | 32 | 2 | 莫莉萍 | 6 |
| 12 | 自然资源学原理 | 48 | 3 | 华璀 | 4 |
| 13 | 环境科学概论 | 32 | 2 | 莫莉萍 | 4 |
| 14 | 生态学 | 32 | 2 | 周兴 | 5 |
| 15 | 计量地理学 | 48 | 3 | 韦晨 | 3 |
| 16 | 资源管理学 | 48 | 3 | 华璀 | 7 |
| 17 | 环境经济学 | 32 | 2 | 莫莉萍 | 3 |
| 18 | 区域分析与规划 | 64 | 4 | 汪军能 | 6 |
| 19 | 自然灾害与防治 | 48 | 3 | 卢远 | 6 |
| 20 | 资源环境遥感应用 | 64 | 4 | 黄秋燕 | 4 |

8.其他办学条件情况表

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 专业名称 | | 自然地理与资源环境 | | | | 开办经费及来源 | 200万元，财政拨款及学费 | | | |
| 申报专业副高及以上职称(在岗)人数 | | 13人 | 其中该专业专职在岗人数 | 17人 | | 其中校内  兼职人数 | 2 | 其中校外兼职人数 | | 0 |
| 是否具备开办该专业所必需的图书资料 | | 是 | 可用于该专业的教学实验设备  （千元以上） | | 658  （台/件） | | 总 价 值  （万元） | | 893.88 | |
| 序  号 | 主要教学设备名称（限10项内） | | | | 型 号  规 格 | | 台(件) | 购 入 时 间 | | |
| 1 | 华燕无人机 | | | | Swallow U03 | | 1 | 2014.6 | | |
| 2 | 三维激光扫描仪 | | | | LS300， 14400pps/240m | | 1 | 2014.4 | | |
| 3 | 电子全站仪 | | | | RTS-822R+ | | 20 | 2014.1 | | |
| 4 | 全数字化摄影测量系统 | | | | VirtuoZo NT V3.7.5 | | 1 | 2014.6 | | |
| 5 | 遥感处理软件 | | | | ERDAS PROFESSIDNAL | | 1 | 2008.06 | | |
| 6 | GIS软件平台 | | | | (ArcGIS/SuperMap/MapGIS) | | 50 | 2007-2013 | | |
| 7 | 便携式野外光谱仪 | | | | SVC GER2600 | | 1 | 2008.6 | | |
| 8 | 微型计算机 | | | | 超越E500（i5），i5-4460,4G,1T/20寸，Dell Optiplex3010MT i3-3240/2G/500G/19 | | 120 | 2010-2014 | | |
| 9 | 工作站 | | | | 联想A7100，G2030/8G/500G/19吋/配电脑桌 | | 6 | 2014.11 | | |
| 10 | 动态RTK测量系统 | | | | 科力达K9T，双星系统 | | 3 | 2013.3 | | |
| 备注 |  | | | |  | |  |  | | |

注：若为医学类专业应附医疗仪器设备清单。

9.学校近三年新增专业情况表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **学校近三年（不含本年度）增设专业情况** | | | | |
| 序 号 | 专 业 代 码 | 本/专科 | 专 业 名 称 | 设 置 年 度 |
| 1 | 040108 | 本科 | 特殊教育 | 2015 |
| 2 | 081204T | 本科 | 地理国情监测 | 2015 |
| 3 | 080905 | 本科 | 物联网工程 | 2015 |
| 4 | 120602 | 本科 | 物流工程 | 2016 |
| 5 | 080910T | 本科 | 数据科学与大数据技术 | 2017 |
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