

大连理工大学-立命馆大学 国际信息与软件学院
2017级 培养方案

| 课程类别 | | 课程编号 | 课程名称 | 课程属性 | 课内学分 | 课内学时 | | | | | 课外 | | 建议修读学期 | | | | | | | | | | | | 学分要求 | | | | | | | | | |
|------------|--------------|------------|----------------------|------------|------------|------|----|---------|----|----|----|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|------|---|---|---|---|---|---|--|--|--|
| | | | | | | 授课 | 实验 | 实 践 环 节 | | | 学分 | 学时 | 一年级 | | | 二年级 | | | 三年级 | | | 四年级 | | | | | | | | | | | | |
| | | | | | | | | 上机 | 实践 | 设计 | | | 1-1 | 1-2 | 1-3 | 2-1 | 2-2 | 2-3 | 3-1 | 3-2 | 3-3 | 4-1 | 4-2 | | | | | | | | | | | |
| 通识与公共基础课程 | 思想政治类 | 1070320010 | 思想道德修养与法律基础 | 必修 | 2 | 32 | | | | | 1 | 24 | • | | | | | | | | | | | | | | | | | | 9 | | | |
| | | 1070320020 | 中国近现代史纲要 | 必修 | 1.5 | 24 | | | | | | 0.5 | 12 | | • | | | | | | | | | | | | | | | | | | | |
| | | 1070320030 | 马克思主义基本原理 | 必修 | 2 | 32 | | | | | | 1 | 24 | | | | • | | | | | | | | | | | | | | | | | |
| | | 1070320040 | 毛泽东思想和中国特色社会主义理论体系概论 | 必修 | 3 | 48 | | | | | | 1.5 | 36 | | | | | • | | | | | | | | | | | | | | | | |
| | | 1070320050 | 形势与政策 | 必修 | 0.5 | 8 | | | | | | 1 | 24 | • | • | | • | • | | | | | | | | | | | | | | | | |
| | 1150020020 | 军训 | 必修 | 2.5 | | | | 2.5W | | | | | • | | | | | | | | | | | | | | | | | | | | | |
| | 1130020011 | 体育1 | 必修 | 1 | | | | 32 | | | | | • | | | | | | | | | | | | | | | | | | | | | |
| | 1130020021 | 体育2 | 必修 | 1 | | | | 32 | | | | | | • | | | | | | | | | | | | | | | | | | | | |
| | 1130020031 | 体育3 | 必修 | 1 | | | | 32 | | | | | | | | • | | | | | | | | | | | | | | | | | | |
| | 1130020041 | 体育4 | 必修 | 1 | | | | 32 | | | | | | | | | | • | | | | | | | | | | | | | | | | |
| | 1130020041 | 素质提升计划 | 必修 | 1 | 16 | | | | | | 2 | 40 | • | • | • | • | • | • | • | • | • | | | | | | | | | | 3 | | | |
| | 外语类 | 1090940041 | 职业发展* | 必修 | 2 | 32 | | | | | | | | | | | • | | | | | | | | | | | | | | | | | |
| | | 1090910170 | 英语1 | 必修 | 3 | 48 | | | | | | | | | | | | • | | | | | | | | | | | | | | | | |
| | | 1090910180 | 英语2 | 必修 | 3 | 48 | | | | | | | | | | | | | • | | | | | | | | | | | | | | | |
| | | 1090910011 | 综合日语1 | 必修 | 4.5 | 72 | | | | | | 0.5 | 8 | • | | | | | | | | | | | | | | | | | | | | |
| | | 1090910021 | 日语听说1 | 必修 | 3 | 48 | | | | | | 0.5 | 8 | • | | | | | | | | | | | | | | | | | | | | |
| | | 1090910030 | 综合日语2 | 必修 | 6 | 96 | | | | | | | | | • | | | | | | | | | | | | | | | | | | | |
| | | 1090910041 | 日语听说2 | 必修 | 4 | 64 | | | | | | | | | • | | | | | | | | | | | | | | | | | | | |
| | | 1090910061 | 综合日语3 | 必修 | 6 | 96 | | | | | | | | | | | | • | | | | | | | | | | | | | | | | |
| | | 1090910071 | 日语听说3 | 必修 | 4 | 64 | | | | | | | | | | | | | • | | | | | | | | | | | | | | | |
| | | 1090910150 | 综合日语4 | 必修 | 6 | 96 | | | | | | | | | | | | | | • | | | | | | | | | | | | | | |
| | | 1090910160 | 日语听说4 | 必修 | 4 | 64 | | | | | | | | | | | | | | • | | | | | | | | | | | | | | |
| | 1120020060 | 微积分2 | 必修 | 5 | 80 | | | | 8 | | | | | • | | | | | | | | | | | | | | | | | | | | |
| | 1120020110 | 线性代数与解析几何 | 必修 | 3.5 | 56 | | | 8 | | | | | | | • | | | | | | | | | | | | | | | | | | | |
| | 1090910131 | 离散数学 | 必修 | 2 | 32 | | | | | | | | | | | • | | | | | | | | | | | | | | | | | | |
| | 1120020140 | 概率与统计A | 必修 | 3 | 48 | | | 8 | | | | | | | | | • | | | | | | | | | | | | | | | | | |
| | 大类与专业基础课程 | 大类平台课程 | 1090920210 | 信息导论 | 必修 | 2 | 32 | | | | | | | • | | | | | | | | | | | | | | | | | | | | |
| | | | 1090920020 | 编程基础C | 必修 | 3 | 24 | | 36 | | | | | | • | | | | | | | | | | | | | | | | | | | |
| | | | 1090920220 | 科学技术与伦理 | 必修 | 2 | 32 | | | | | | | | • | | | | | | | | | | | | | | | | | | | |
| 1090910050 | | | 科技日语* | 必修 | 2 | 32 | | | | | | | | | • | | | | | | | | | | | | | | | | | | | |
| 1090920031 | | | 高级程序设计1 | 必修 | 3 | 32 | | 24 | | | | | | | • | | | | | | | | | | | | | | | | | | | |
| 1090920050 | | | 模拟电路 | 必修 | 2 | 32 | | | | | | | | | | • | | | | | | | | | | | | | | | | | | |
| 1090920040 | | | 数字电路 | 必修 | 2 | 32 | | | | | | | | | | • | | | | | | | | | | | | | | | | | | |
| 1090920080 | | | 计算机组织与结构* | 必修 | 2 | 32 | | | | | | | | | | | • | | | | | | | | | | | | | | | | | |
| 1090920071 | | | 数据结构与算法1 | 必修 | 2 | 16 | | 24 | | | | | | | | | | • | | | | | | | | | | | | | | | | |
| 1090920072 | | | 数据结构与算法2 | 必修 | 2 | 16 | | 24 | | | | | | | | | | | | • | | | | | | | | | | | | | | |
| 专业基础课程 | | 1090920151 | 操作系统* | 必修 | 2 | 32 | | | | | | | | | | • | | | | | | | | | | | | | | | | | | |
| | | 1090920171 | 数据库系统* | 必修 | 2 | 16 | | 24 | | | | | | | | | • | | | | | | | | | | | | | | | | | |
| | | 1090920191 | 软件工程* | 必修 | 2 | 32 | | | | | | | | | | | | | • | | | | | | | | | | | | | | | |
| | | 1090920141 | 计算机网络* | 必修 | 2 | 32 | | | | | | | | | | | | | • | | | | | | | | | | | | | | | |
| 专业与专业方向课程 | 专业课程 | 1090930060 | 面向对象技术UML* | 必修 | 2 | 32 | | | | | | | | | | | | | • | | | | | | | | | | | | | | | |
| | | 1090930160 | 计算机视觉* | 必修 | 2 | 32 | | | | | | | | | | | | | | • | | | | | | | | | | | | | | |
| | | 1090930070 | 分布式系统* | 必修 | 2 | 32 | | | | | | | | | | | | | | | • | | | | | | | | | | | | | |
| | | 1090930030 | 信号处理* | 必修 | 2 | 32 | | | | | | | | | | | | | | | | • | | | | | | | | | | | | |
| | | 1090930110 | Web计算* | 必修 | 2 | 32 | | | | | | | | | | | | | | | | | • | | | | | | | | | | | |
| | | 1090930170 | 机器学习* | 必修 | 2 | 32 | | | | | | | | | | | | | | | | | | • | | | | | | | | | | |
| | | 1090930090 | 软件界面与人机交互* | 必修 | 2 | 32 | | | | | | | | | | | | | | | | | | | • | | | | | | | | | |
| | | 1090930150 | 计算智能* | 必修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | • | | | | | | | | |
| | | 1090930010 | 计算机图形学* | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | • | | | | | | | | |
| | | 1090930160 | 设计基础 | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | | • | | | | | | | |
| | 数字媒体技术专业方向 | 1090930210 | 可视化与可视化分析 | 选修 | 2 | 16 | | 24 | | | | | | | | | | | | | | | | | | | • | | | | | | | |
| | | 1090930170 | 语音处理* | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | | | • | | | | | | |
| | | 1090930220 | 虚拟现实技术及游戏开发 | 选修 | 2 | 24 | | 12 | | | | | | | | | | | | | | | | | | | | • | | | | | | |
| | | 1090930180 | 游戏创意与设计 | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | | | • | | | | | | |
| | | 1090930050 | 信息安全* | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | | | • | | | | | | |
| | | 软件工程专业方向 | 1090930150 | 系统分析与设计 | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | | | • | | | | | |
| | | | 1090930230 | 设计模式 | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | | | | • | | | | |
| | | | 1090930180 | 人工智能* | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | | | | • | | | | |
| | | | 1090930100 | 软件测试与质量保证 | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | | | | • | | | | |
| | | | 1090930190 | 高性能计算 | 选修 | 2 | 32 | | | | | | | | | | | | | | | | | | | | | | | • | | | | |
| | | | 专业实践课程 | 1090461010 | 计算机系统组装与设置 | 必修 | 1 | | | | 24 | | | | | • | | | | | | | | | | | | | | | | | | |
| | | | | 1090940070 | 信息技术实践 | 必修 | 2 | | | | 2W | | | | | | | • | | | | | | | | | | | | | | | | |
| | | 1090940080 | | 海外IT实习项目* | 必修 | 2 | | | | 2W | | | | | | | • | | | | | | | | | | | | | | | | | |
| 1090940100 | 信息通信创新实验* | | | 2 | | | | 2W | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1090940110 | 高级编程实验* | 限选 | | 2 | | | | 2W | | | | | | | | | | | | | | | | | | | • | | | | | | | |
| 1090940120 | 智能信息处理实验* | 一选 | | 2 | | | | 2W | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1090940130 | 媒体信息处理实验* | | | 2 | | | | 2W | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1090940090 | 高级程序设计2 | 必修 | | 2 | 8 | | | 2W | | | | | | | | | | | | | | | | | | | • | | | | | | | |
| 1090930020 | 专业前沿与综合演习 | 必修 | | 2 | | | | | 48 | | | | | | | | | | | | | | | | | | | • | • | | | | | |
| 1090940140 | 信息与软件工程创新实验* | 必修 | 4 | | | | | | 4W | | | | | | | | | | | | | | | | | | | • | | | | | | |
| 交叉与个性发展课程 | 1090930121 | 毕业设计1* | 必修 | 2 | | | | | | | | | | | | | | | | | | | | | | | | • | | | | | | |
| | 1090930131 | 毕业设计2* | 必修 | 8 | | | | | | | 8W | 5 | 5W | | | | | | | | | | | | | | | | | | | | | |
| | 1090930141 | 毕业设计3* | 必修 | 8 | | | | | | | 8W | 8 | 8W | | | | | | | | | | | | | | | | | | | | | |
| | 创新创业教育课程 | | 限选 | 2 | 24 | 12 | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | | | | | | | |