**Program of XX Major（如果专业名称长，就用Program of Major of XX）**

I. Cultivating Objectives and Requirements

i. Objectives

ii. Requirements

(i) Requirements on Knowledge Structure: covering instrumental knowledge, humanistic and management knowledge, natural science knowledge, basic knowledge of professionaltechnologyand professional knowledge.

(ii)Requirements on Capability Structure: possessing capability to acquire and apply knowledge, to practice, to innovate, to organize and coordinate.

(iii) Requirements on Quality Structure: equipped with ideological and moral quality, cultural quality, professional quality and physical and mental quality.

一、专业培养目标及培养要求

1、培养目标

2、培养要求

（1）知识结构要求：涵盖工具性知识、人文及管理知识、自然科学知识、专业技术基础知识和专业知识。

（2）能力结构要求：具备获取知识的能力、应用知识的能力、实践动手能力、创新能力和组织协调能力知识要求

（3）素质结构要求：具备思想道德素质、文化素质、专业素质和身心素质。

II. Length of Schooling and Academic Degree

Length of Schooling: X years

Degree: Bachelor of X (Engineering, Arts, Science, etc.)

二、学制与学位

学制：X年

学位：X学学士

III. Features of the Major

三、专业特色

IV. Key Disciplines and Core Major Courses

Key Disciplines:

Core Major Courses: including disciplinary foundation, major foundation and major (concentration)courses.

四、主干学科与专业核心课程

主干学科：

专业核心课程：包括学科基础、专业基础、专业（专业方向）课程

V. Main Practice Teaching Activities and Basic Requirements

|  |  |
| --- | --- |
| Main Practice Teaching Activities | Basic Requirements |
| Military Training | Accomplishing education and training on rules and regulations of PLA, light arms shooting, tactics, military topography and integrated training. |
| Production Practice |  |
| Course Design |  |
| Graduation Internship (Practice) |  |
| Graduation Project (Thesis) |  |

五、主要实践教学环节及基本要求

|  |  |
| --- | --- |
| 主要实践教学 | 基 本 要 求 |
| 军事技能训练 | 完成解放军条令条例教育与训练、轻武器射击、战术、军事地形学及综合训练 |
|  |  |
| 生产实习 |  |
| 课程设计 |  |
| 毕业实习 |  |
| 毕业设计（论文） |  |

VI. Required Credits for Graduation

|  |  |  |  |
| --- | --- | --- | --- |
| Curriculum System | | Requirements on Credits | |
| General and Basic Public Courses | Ideological and Political Category |  |  |
| Military Category |  |
| Category of General Education |  |
| Category of Foreign languages |  |
| Category of Physical Education |  |
| Disciplinary and Major Foundation Courses | Category of Computer Science |  |  |
| Category of Mathematics |  |
| Category of Physics |  |
| Basic Disciplinary Courses |  |
| Basic Major Courses |  |
| Major(Concentration) Courses | Major (Concentration) Courses |  |  |
| Major Experiments and Practice |  |
| Graduation Project (Thesis) |  |  |  |
| Innovative Practice outside Classroom |  |  |  |
| Total | | |  |

六、毕业学分基本要求

|  |  |  |  |
| --- | --- | --- | --- |
| **课程体系** | | **学分要求** | |
| 通识与公共基础课程 | 思想政治类 |  |  |
| 军事类 |  |
| 通识教育类 |  |
| 外语类 |  |
| 体育类 |  |
| 学科与专业基础课程 | 计算机类 |  |  |
| 数学类 |  |
| 物理类 |  |
| 学科基础课 |  |
| 专业基础课 |  |
| 专业（专业方向）课程 | 专业（专业方向）课程 |  |  |
| 专业实验、实践 |  |
| 毕业设计（论文） |  |  |  |
| 课外创新实践 |  |  |  |
| **合计** | | |  |

VII. Detail Table of Curriculum Setup

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Course Type | | Course Code | Course Name | Course Property | Total Credits | Credits ofClassroomPractice | Semester | School |
| Module of General and Basic Public Courses  X credits altogether, in which, X for compulsory, X for limited optional and X for optional courses. | |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | | | | | | |
| Module of Disciplinary and Major Foundation Courses  X credits altogether, in which, X for compulsory and X for limited optional courses. | |  |  |  |  |  |  |  |
| Module of Major(Concentration) Courses  X credits altogether, in which, X for compulsory and X for limited optional courses. | X Major(Concentration) |  |  |  |  |  |  |  |
| Major Experiments and Practice  Professional Experiments and Practice (such as practice in summer vacation) |  |  |  |  |  |  |  |
| Graduation Project (Thesis)  X credits. | |  |  |  |  |  |  |  |

\* 2 credits forinnovative practice outside classroom are earned by students to study following Regulations of Innovative Practice Credits Accreditationand Management, SWJTU.

\* For strengthening the effect of Military Theory course combing with practice, the theory teaching of 1 credit (16 class hours) is offered in military trainingin the first short semester.

\*Courses of Situation and Policy are offered in the 1st to 7th semesters, with 16class hours per semester.

七、课程设置细化表

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 课程类型 | | 课程代码 | 课程名称 | 课程性质 | 总学分 | 课内实践教学学分 | 开课学期 | 开课学院 |
| 通识与公共基础课程模块  共X学分，必修X学分，限选X学分，任选X学分 | |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | | | | | | |
| 学科与专业基础课程模块  共X学分，必修X学分，限选X学分 | |  |  |  |  |  |  |  |
| 专业（专业方向）课程模块  共X学分，必修X学分，限选X学分 | X专业（专业方向） |  |  |  |  |  |  |  |
| 专业实验、实践（暑期实习等） |  |  |  |  |  |  |  |
| 毕业设计（论文）  共X学分 | |  |  |  |  |  |  |  |

\*课外创新实践2学分由学生按照《西南交通大学创新实践学分认定与管理办法》规定修习并取得；

\*为强化《军事理论》课程与实践相结合的效果，将理论教学的1学分（16学时）集中在第一个短学期的军训环节中进行授课；

\*形势与政策课程开课学期为1-7学期，每学期16学时；