## **Signal and Information Processing -- Curriculum of Degree Programme**

| Course<br>Category | Course<br>Code | Course Name   | Credits | Hours | Semester             | Notes      |
|--------------------|----------------|---|---------|-------|----------------------|------------|
| Common Course      | 2130027        | First Foreign Language ( German )   | 3       | 288   | Spring and Autumn    | Compulsory |
|                    | 2260005        | Research on the Theory and Practice of Socialism with Chinese Characteristics | 2       | 36    | Spring and<br>Autumn | Compulsory |
|                    | 2260006        | Introduction to Dialectics of Nature  | 1       | 18    | Spring and Autumn    | Compulsory |
| Core Course        | 2130033        | System and Protocol of Communication Networks                                 | 2       | 36    | Autumn               | Elective   |
|                    | 2130035        | Numerical Analysis  | 3       | 54    | Spring and<br>Autumn | Elective   |
|                    | 2130040        | Modern Digital Communications   | 2       | 36    | Autumn               | Elective   |
|                    | 2130042        | Wireless Broadband Communication  | 2       | 36    | Spring and Autumn    | Elective   |
|                    | 2130044        | Coding Error-correction Theory  | 2       | 36    | Spring and Autumn    | Elective   |
|                    | 2130045        | Stochastic Process  | 3       | 54    | Spring and Autumn    | Elective   |
|                    | 2130148        | Digital Signal Processing   | 3       | 54    | Spring               | Elective   |
| Elective Course    | 2130028        | Specialty Foreign Language  | 2       | 252   | Spring and<br>Autumn | Compulsory |
|                    | 2130030        | Advanced Measurement Technique  | 3       | 54    | Spring               | Elective   |
|                    | 2130034        | High Frequency Technique  | 3       | 54    | Spring               | Elective   |
|                    | 2130038        | Embedded Systems  | 3       | 54    | Spring and Autumn    | Elective   |
|                    | 2130041        | System Management   | 2       | 54    | Autumn               | Elective   |
|                    | 2130046        | Topics of Communication Networks  | 3       | 54    | Spring               | Elective   |
|                    | 2130047        | Field-and Distributed Measurement Network                                     | 3       | 54    | Spring and Autumn    | Elective   |
| Compulsories       | 2900002        | Thesis Proposal   | 1       | 0     | Spring and Autumn    | Compulsory |
|                    | 2900011        | Code of Academic Integrity  | 1       | 0     | Spring and Autumn    | Compulsory |