**Curriculum for Master of** Computer Software and Theory

**（executed in 2012）**

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| **category** | | **Course**  **number** | **Course** | **Teacher** | **Teacher number** | **period** | **credit** | **Attending**  **time** | | **Teaching method** | **Checking**  **method** |
| **1** | **2** |
| **Compulsory courses** | **Common course** | 0521801001  0121802001  0121802002  0001000001 | Master English one  Dialectics of nature  Socialist theory and practical research with Chinese characters  Dialectics of nature  Scientific morality and academic norm |  |  | 100  36  20  20 | 3  2  1  1 | Ö  Ö  Ö | Ö  Ö |  |  |
| **Basic thoery** | 0822503001  0822503002  0822503004 | Principles of Artificial intelligence  Calculability & Complexity  Formal language theory | Ouyang Dantong  Li Zhanshan  Guo Degui | 101434  100424  102095 | 64  64  64 | 4  4  4 | Ö  Ö | Ö | lecture | exam |
| **Professional** | 0822503005 | Object-Oriented Method | Zhang Jiachen | 101717 | 64 | 4 |  | Ö | lecture | exam |
| **Optional courses** | | 0822503021  0822503022  0822503023  0822503025  0822503026  0822503027 | Model-based diagnosis  Program analytical technology  Programming methodology  Disturbed database  Data mining  Object-Oriented database theory and application | Ouyang Dantong  Liu Lei  Li Xiongfei  Dong Liyan  Li Xiongfei  Wang Limin | 101434  104590  222172  222139  222172  602238 | 32  32  32  32  32  32 | 2  2  2  2  2  2 | Ö  Ö  Ö  Ö | Ö  Ö | lecture | exam |
| **Remarks** | | 1. **You should pass the exam after choosing an optional course or you will retake failed courses next year. The score-sheet will be marked as 0 if students miss the exam or earn a score of less than 60 points.**   **2. If you don’t choose the course, you will be not allowed to take the exam and the score-sheet has no record.**  **3. The sum of all credits of degree courses, compulsory courses and optional courses should be between 32 to 40.（The credit of thesis proposal is one and the credit of literature review is one）.**  **4. You are only allowed to choose the courses from the schedule of this major.**  **5. After the elective system is close, courses which you have chosen won’t be added or deleted.**  **6. After you finish the elective，please print the table of “Development Plan Information for Master Degree Student” and hand it in (taking a class as a unit )with advisor's signature.** | | | | | | | | |  |