Curriculum for Master of Computer Application

**（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  18  20 | 3  2  1  1 | Ö  Ö  Ö | Ö  Ö |  |  |
| **Basic theory** | 0822503001  0822503002  822503005 | Principles of Artificial Intelligence  Calculability & Complexity  Object-Oriented Method | Ouyang Dantong  Li Zhanshan  Zhang Jiachen | 101434  100424  101717 | 64  64  64 | 4  4  4 | Ö  Ö | Ö | lecture | exam |
| **Professional** | 0822503008  0822503009  0822503010  0822503011 | Knowledge model and uncertainty management  Computer graphics and image processing  Computational intelligence  Computational biology  (Choose one of four options) | Liu Dayou  Li Wenhui  Zhou Chunguang  Li Ying | 102557  104927  103820  600107 | 64  64  64  64 | 4  4  4  4 |  | Ö  Ö  Ö  Ö | lecture | exam |
| **Optional courses** | | 0822503028  0822503029  0822503030  0822503031  0822503032  0822503023  0822503022  0822503026  0822503033  0822503034 | Data communication  Evolutionary computation  Computer simulation  Computer control technology  Software project management and CMM  Program analytical technology  Programming methodology  Data mining  Molecular biology  Genomics and proteomics | Liu Yanheng  Liang yanchun  Zhao Hongwei  Qin Guihe  Li Wenhui  Li Xiongfei  Liu Lei  Li Xiongfei  Wang Lincong  Wang Lincong | 222137  103048  222126  222156  104927  222172  104590  222172  604918  604918 | 32  32  32  32  32  32  32  32  48  48 | 2  2  2  2  2  2  2  2  3  3 | Ö  Ö  Ö  Ö  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.** | | | | | | | | | |