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** | 0521801001012180200101218020020001000001 | Master English oneDialectics of natureSocialist theory and practical research with Chinese charactersDialectics of natureScientific morality and academic norm |  |  | 100361820 | 3211 | ÖÖÖ | ÖÖ |  |  |
| **Basic theory** | 08225030010822503002822503005 | Principles of Artificial Intelligence Calculability & ComplexityObject-Oriented Method | Ouyang DantongLi ZhanshanZhang Jiachen | 101434100424101717 | 646464 | 444 | ÖÖ | Ö | lecture | exam |
| **Professional** | 0822503008082250300908225030100822503011 | Knowledge model and uncertainty managementComputer graphics and image processingComputational intelligenceComputational biology(Choose one of four options) | Liu DayouLi WenhuiZhou ChunguangLi Ying | 102557104927103820600107 | 64646464 | 4444 |  | ÖÖÖÖ | lecture | exam |
| **Optional courses** | 0822503028082250302908225030300822503031082250303208225030230822503022082250302608225030330822503034 | Data communicationEvolutionary computationComputer simulationComputer control technologySoftware project management and CMMProgram analytical technologyProgramming methodologyData miningMolecular biologyGenomics and proteomics | Liu YanhengLiang yanchunZhao HongweiQin GuiheLi WenhuiLi XiongfeiLiu LeiLi XiongfeiWang LincongWang Lincong | 222137103048222126222156104927222172104590222172604918604918 | 32323232323232324848 | 2222222233 | ÖÖÖÖÖÖ | ÖÖÖÖ | 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.** |