

# Master of Computer Science, M.C.S.

## Academic Plans

### Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

### Master of Computer Science, M.C.S.

Course	Title	Hours
<b>Academic Career</b>		
<b>Any Semester</b>		
32 s.h. must be graduate level coursework; up to 8 s.h. of graduate transfer credits allowed upon approval. Students choose graduate level coursework from an approved list of courses; more information is included in the General Catalog and on department website. <sup>a</sup>		
<b>Hours</b>		<b>0</b>
<b>First Year</b>		
<b>Fall</b>		
Theory course <sup>b</sup>		3
Elective course <sup>c</sup>		3
Elective course <sup>c</sup>		3
CS:6000	Research Seminar: Colloquium Series <sup>d</sup>	1
<b>Hours</b>		<b>10</b>
<b>Spring</b>		
Elective course <sup>c</sup>		3
Elective course <sup>c</sup>		3
Elective course (CS:5990 Indiv Research or Programming Project recommended) <sup>c</sup>		3
<b>Hours</b>		<b>9</b>
<b>Second Year</b>		
<b>Fall</b>		
Elective course <sup>c</sup>		3
Elective course <sup>c</sup>		3
Elective course (non-CS technical course recommended) <sup>c</sup>		3
<b>Hours</b>		<b>9</b>
<b>Spring</b>		
CS:4310	Design and Implementation of Algorithms	3
CS:6000	Research Seminar: Colloquium Series <sup>d</sup>	1
Final Exam <sup>e</sup>		
<b>Hours</b>		<b>4</b>
<b>Total Hours</b>		<b>32</b>

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b See General Catalog and department website for list of approved courses.

- c See General Catalog and department website for specifics about elective coursework requirements; at least 18 s.h. must be computer science graduate coursework numbered 4300 or above; remaining 6 s.h. may be a combination of CS or non-CS graduate coursework, research and project courses.
- d Students must enroll twice for 1 s.h. each semester and attend at least 80% of scheduled talks for a satisfactory grade.
- e Confirm completion of degree requirements.