**DRAFT Form: Ph.D. Program of Study**

**Department of Computer Science, UIUC**

**Return to Academic Office by Posted Date**

The Program of Study allows students to propose their own curriculum in accordance with the Ph.D. graduation requirements and with approval of the assigned committee. Ph.D. students must complete a minimum of 96 credit hours (64 with an approved CS M.S. degree or 72 with other approved graduate degree). Toward the total credit hours required, students must complete a minimum of 48 credit hours of coursework (16 with an approved CS M.S. degree or 24 with other approved graduate degree) and complete a minimum of 32 credit hours of thesis research. This form only covers coursework. The table below summarizes the coursework requirements that your proposed curriculum must satisfy.

|  |
| --- |
| **Coursework Minimum Requirements** |
| **Entering with approved CS Master’s degree (64 credits)** | **Entering with other approved graduate degree (72 credits)** | **Entering with B.S. degree****(96 credits)** |
| 16 credit hours of graduate-level coursework | 24 credit hours of graduate-level coursework | 48 credit hours of graduate-level coursework |
| 12 credit hours of CS 500-level coursework\* | 12 credit hours of CS 500-level coursework\* | 12 credit hours of CS 500-level coursework\* |
| 4 credits of additional 500-level coursework.#  | 4 credits of additional 500-level coursework. #   | 4 credits of additional 500-level coursework. # |
|  | 8 credits of supplementary CS Graduate-level 400- or 500-level course work (Minimum applied toward degree.)\* | 8 credits of supplementary CS Graduate-level 400- or 500-level course work (Minimum applied toward degree.)\* |
|  |  | 24 credits of additional graduate-level 400- or 500-level course work* CS 597 Limited to a total of 16 hours.
* CS 491/CS 591 Limited to 8 hours combined.

Does not include non-CS individual study nor seminar hours |

\* Does not include CS 597 nor CS 591.

# Does not include independent study nor seminar hours.

No more than 8 credit hours of seminars can count toward the total credit requirement for the degree. No more than 16 credit hours of CS 597 can count toward the total credit requirement. Graduate-level coursework typically includes 400- and 500-level courses.

**Things to keep in mind**

● Students should propose a curriculum that builds both breadth and depth of knowledge in their area of specialization and helps prepare them for the qualifying exam and research.

● Students must attempt the qualifying exam for the first time by the end of the 4th semester.

● Students should attempt the prelim exam by the end of the 8th semester.

**Proposed Curriculum**

Enter the information for each course that you propose to take. In each “Course” cell, you may specify a preferred course and courses that could be substituted if the preferred course is not offered during the term you want to take it. In the **required** section, list a minimum of **one course** and a maximum of **three courses** that you and your committee consider critical for preparing for the qualifying exam or central to your area of specialization. Please note that you must take some required courses prior to taking your qualifying exam. The remaining required courses must be completed prior to signing up for your preliminary exam. In the **recommended** section, list any courses your committee recommends for you to take that could help you in your research.

##### **Personal Information (pre-populated by system)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | [insert] | **Term Entered** | [insert] |  |

##### **Previous Education (pre-populated by system)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Institution** | **Degree** | **Major** | **Degree Date** | **GPA** | **HRS** | **Transcript** |
| Bachelor’s University | Bachelor of Science | Computer Science | 5/25/2014 | 3.94 |  |  |

##### **Research Areas (Drop-down menu available)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Research Area** | **Primary** |  |
|  | **Artificial Intelligence** | Yes |  |
|  |  |

##### **Proposed Curriculum (A minimum of one course and a maximum of three courses must be listed in the required section.)**

Directions: Please enter in the course prefix, course number, and title for each course that you will complete for your required and recommended courses. For CS 598 courses, please enter the course section in the course title just like the example shown below. To find a list of the course titles and numbers, visit<https://siebelschool.illinois.edu/academics/courses> and click on the current semester term. Please note that not every entry must have an alternative course that you might complete.

**Required** courses are courses you and your committee agree that you must complete. Each of these courses should be marked as pre-qual or pre-prelim. **Pre-qual** courses must be taken prior to taking your qual. Some exceptions can be made for any courses you take in the same semester as your qual. **Pre-prelim** courses must be completed before you can schedule your prelim. Any changes to your required courses must be approved by your Program of Study Committee and a revised form must be completed.

Course Pre-Qual or Pre-Prelim Term Section Hours Date Submitted Action

[Table provided to enter courses]

**Recommended** courses that your committee suggests are intended to help you plan your studies during your research. These courses are not required and any changes to recommended courses do not require an update to your program of study form.

Course Term Section Hours Date Submitted Action

[Table provided to enter courses]

##### **Justification for Proposed Curriculum**

Please give a rationale (a few sentences) for the courses marked as required and give a rationale (a few more sentences) for any other courses in the proposed curriculum:

**Example:** *The courses marked as required are core to my selected area of specialization (AI) and will help me prepare for the qualifying exam in AI. The two 591 seminars are required by the department.*

*To complement the machine learning and AI courses in CS, I would like to take two courses in statistics that are relevant to my research focus on statistical machine learning and big data sets. I also want to learn about human cognition because I am interested in applying machine learning techniques to aid human-in-the-loop contexts such as semi-autonomous vehicles and drones.*

[Enter your justification – Text box provided]

**Additional Information** (pre-populated by system)

Semester Qual Exam Taken / SPEAK / IELTS / TOEFL iBT / TSE Appeal Date / Result

**(Students required to fulfill spoken English proficiency only)** If you have not obtained a passing speaking sub-section score, when and how will you fulfill this language requirement? Please remember that you must pass the speak requirement prior to signing up for your qualifying examination.

[Text box for student entry]