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| For Academic Affairs and Research Use Only |
| Proposal Number |  |
| CIP Code:  |  |
| Degree Code: |  |

**Program Modification Form**

**[ ] Undergraduate Curriculum Council**

**[ x] Graduate Council**

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| **Modification Type: [ x]Admissions, [ ]Curricular Sequence, or [ ]Other**  |

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

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| Hai Jiang | 3/17/2022 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Christos Grecos | 3/8/2022 |

**Department Chair**  |

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**Head of Unit (if applicable)**   |
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| Brandon Kemp | 4/1/2022 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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**Director of Assessment** *(only for changes impacting assessment)* |

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**Graduate Curriculum Committee Chair** |
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| Abhijit Bhattacharyya | 4/7/2022 |

**College Dean** |

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| Alan Utter | 4/25/2022 |

**Vice Chancellor for Academic Affairs** |
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**General Education Committee Chair (if applicable)**   |  |

1. **Contact Person** (Name, Email Address, Phone Number)

Christos Grecos, cgrecos@astate.edu, ext 3938

1. **Proposed Change** (for undergraduate curricular changes please provide an 8-semester plan (appendix A), if applicable)

Clarify the criteria for entry in the CS Graduate Certificates degree programs. Clarify the need for registering for these degree programs in addition to the MSC in Computer Science program, if students intend to receive Graduate Certificate degree(s) in addition to the MSC degree.

1. **Effective Date**

Fall 2022

1. **Justification –** *Please provide details as to why this change is necessary.*

Currently graduate students are awarded the MSC in Computer Science degree with or without specialization, depending on if they meet the specialization requirements. However, these students despite being eligible also for the Graduate Certificate degree(s) in Computer Science, they can not receive them due to the fact they have not registered for them. Furthermore, in the current graduate bulletin there are no clear admission criteria for the Graduate Certificate degree(s) in Computer Science. This proposal aims to correct these issues by providing clear guidelines on the admission criteria for the Graduate Certificate degree programs in Computer Science and on the need for the graduate students to register for them in addition to registering for the MSC in Computer Science program. The clarity on the admission criteria for the Graduate Certificate degree programs in Computer Science is expected to also increase demand for these degrees from people working in industry, who are looking for short duration postgraduate qualifications.

**Bulletin Changes**

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| **Instructions**  |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Please include a before (with changed areas highlighted) and after of all affected sections.** **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.**  |

Before

**Program of Study for the Master of Science in Computer Science**

# ADMISSION REQUIREMENTS

Students seeking admission into the Master of Science degree program in Computer Science must meet the admission requirements of Graduate Admissions. In addition, applicants will be evaluated by the department for academic qualification based upon the following requirements:

1. A minimum of 18 undergraduate hours in Computer Science and an undergraduate grade point of 3.00 or greater on a 4.0 scale.
2. A minimum Graduate Record Exam (GRE) combined verbal and quantitative score of 300.
3. Three letters of reference.
4. A statement of educational objectives and career goals.

Applicants not meeting all of the above departmental criteria may be admitted on a conditional basis if they meet Graduate Admissions admission requirements. Upon arrival, all students will be given an assessment exam to determine proficiency in basic topics in Computer Science. Students judged to be deficient in some areas of undergraduate preparation shall be required to complete certain undergraduate prerequisite courses as determined by department faculty. Students may not take 6000-level courses for credit until all undergraduate course deficiencies have been completed.

# ACCELERATED MASTERS PROGRAM

Undergraduate students seeking admission into the Accelerated Masters Program in Computer Science must meet the admission requirements of Graduate Admissions. In addition, applicants will be evaluated by the department for academic qualification based upon the following requirements:

1. minimum overall GPA of 3.00
2. minimum GPA of 3.25 in CS courses (exclusive of CS 1013 and 1114)
3. completion of CS 3113

Applicants not meeting all of the above departmental criteria may be admitted on a conditional basis if they meet Graduate Admissions admission requirements. After admission into the accelerated masters program, undergraduate students may take up to 9 hours of 5000-level coursework as part of the Accelerated Masters Program.

# SATISFACTORY PROGRESS

 Students are required to maintain a “B” average in all graduate coursework in Computer Science and approved Mathematics/Statistics courses. A student who receives two “C”s in graduate courses in one semester or receives a “C” while on probation will be terminated from the program. A student who receives one “F” will be removed from the program.

*The bulletin can be accessed at https://www.astate.edu/a/registrar/students/bulletins*

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After

**Program of Study for the Master of Science and Graduate Certificate(s) in Computer Science**

# ADMISSION REQUIREMENTS

Students seeking admission into the Master of Science and Graduate Certificate degree programs in Computer Science must meet the admission requirements of Graduate Admissions. Applicants must register for the Graduate Certificate degree programs in addition to the Master of Science program, if they intend to receive Graduate Certificate degrees in addition to the Master of Science degree. In addition, applicants will be evaluated by the department for academic qualification based upon the following requirements:

1. A minimum of 18 undergraduate hours in Computer Science and an undergraduate grade point of 3.00 or greater on a 4.0 scale.
2. A minimum Graduate Record Exam (GRE) combined verbal and quantitative score of 300.
3. Three letters of reference.
4. A statement of educational objectives and career goals.

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**Appendix A, 8-Semester Plan**

(**Referenced in #2** - **Undergraduate Proposals Only)**

*Instructions: Please identify new courses in italics*.

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| **Arkansas State University-Jonesboro****Degree:****Major:****Year:** |
| Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree. |
| **Year 1** |  | **Year 1** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
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| **Year 2** |  | **Year 2** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
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| **Total Hours** |  |  |  |  | **Total Hours** |  |  |  |
| **Year 3** |  | **Year 3** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
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| **Total Hours** |  |  |  |  | **Total Hours** |  |  |  |
| **Year 4** |  | **Year 4** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
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| **Total Hours** |  |  |  |  | **Total Hours** |  |  |  |
| **Total Jr/Sr Hours \_\_\_ Total Degree Hours \_\_\_** |
| **Graduation Requirements:** |