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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: [ ]Admissions, [ ]Curricular Sequence, or [X]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 | 10/23/2021 |

**Department Curriculum Committee Chair** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**COPE Chair (if applicable)** |
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| Christos Grecos | 10/28/2021 |

**Department Chair**  |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Head of Unit (if applicable)**   |
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| Brandon A. Kemp | 11/3/2021 |

**College Curriculum Committee Chair** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Undergraduate Curriculum Council Chair** |
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| Abhijit Bhattacharyya | 11/5/2021 |

**College Dean** |

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**Graduate Curriculum Committee Chair** |
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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**General Education Committee Chair (if applicable)**   |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Vice Chancellor for Academic Affairs** |

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

Hai Jiang, hjiang@astate.edu, 8164

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

Addition of a new elective course option in Cyber Security certificate in Computer Science master’s degree.

1. **Effective Date**

1/1/2021

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

A new elective course option (CS 6353) is added for more options.

**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.**  |

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**Cyber Security**

**Graduate Certificate**

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| --- | --- |
| **University Requirements:** |  |
|  See Graduate Degree Policies for additional information (p. 47) |  |
| **Program Requirements:**   | **Sem. Hrs.** |
|  ***Core (select three of the following):*** ***CS 6123, Software Security*** CS 6313, Data Security | ~~3~~ **9** |
| CS 6323, Computer Security | ~~3~~ |
| CS 6333, Network and Internet Security  | ~~3~~ |
| **~~Sub-total~~** ***CS 6353, Hardware Security*** | **~~9~~** |
| **Electives**   | **Sem. Hrs.** |
|  **Select ~~six hours~~ *two* ~~from~~ of the following *or above untaken Core courses*:**  ~~CS 6123, Software Security~~ CS 6343, Cloud Security LAW 6033, Cyberlaw and E-Commerce  | 6 |
| **Total Required Hours:** | **15** |

Page 185 After:

**Cyber Security**

**Graduate Certificate**

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| **University Requirements:** |  |
|  See Graduate Degree Policies for additional information (p. 47) |  |
| **Program Requirements:**   | **Sem. Hrs.** |
|  **Core (select three of the following):**  CS 6123, Software Security CS 6313, Data Security CS 6323, Computer Security CS 6333, Network and Internet Security CS 6353, Hardware Security | **9** |
| **Electives**   | **Sem. Hrs.** |
|  **Select two of the following or above untaken Core courses:**  CS 6343, Cloud Security LAW 6033, Cyberlaw and E-Commerce  | 6 |
| **Total Required Hours:** | **15** |