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| **CSE Ph.D. of Information Security Program Curriculum Plan** |

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| Course Name | Credit(s) | 1st semester | 2nd semester | 3rd semester | 4th semester | Remarks |
| SEMINAR | **4** | **V** | **V** | **V** | **V** |  |
| Group【A】 |  | | | | | |
| CRYPTOGRAPHY | **3** | **V** |  |  |  | Two out of Six Elective Course |
| SECURE CRYPTOGRAPHIC PROTOCOLS | **3** |  | **V** |  |  | Two out of Six Elective Course |
| SECURE PROGRAMMING | **3** |  | **V** |  |  | Two out of Six Elective Course |
| NETWORK SECURITY | **3** |  | **V** |  |  | Two out of Six Elective Course |
| DIGITAL SIGNATURE SCHEMES AND APPLICATIONS | **3** |  |  | **V** |  | Two out of Six Elective Course |
| HACK TECHNOLOGY & COMPUTER FORENSIC | **3** |  |  | **V** |  | Two out of Six Elective Course |

Note:

1. Minimum credits to graduate: 22
2. For students of the Joint Master’s and Ph.D. program, 40 credits are required for each candidate.
3. Prior to graduation application, student must complete two courses from group A.
4. In accordance with university-wide graduate school requirements, students must enroll in the course "Academic Research Ethics Education." Without successfully passing this course, students cannot apply for their thesis dissertation defense.