**CPSC MS Advising Check Sheet**

**General Degree Requirements**

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|  | **Plan A (Thesis)…** | **Plan B (Research Project)…** | **Plan B (Research Initiation)…** |
| **Seminar requirement(s)** | 2 credits of CS 501 | 2 credits of CS 501 | 1 credit of CS 501 |
| **Breadth** | 24 credits   * At least 4 credits from Group 1 * At least 4 credits from Group 2 * At least 4 credits from Group 3 * Remaining 12 credits may be from any group, as well as other 400-500 REGULAR coursework * Up to 2 courses may be 400 level | | |
| **Plan specific** | 4 credits of CS 793  7 credits of CS 699 or 3 credits + one additional CS 500+ course by supervisor approval  Thesis defense and submission | 6 credits of CS 695 or similar  4 credits of CS 500+ regular course  Research Symposium Presentation | 8 credits of additional CS 500+ coursework  3 “flex” credits satisfied through either:   * One additional CS 500+ course (4 credits) * CS 695/699/799 with approval * ≤2 additional CS 501 credits |
| **Advisor and committee details** | You will need to find an advisor and committee | You will need to find an advisor and committee | You will have a default advisor and committee- ask graduate advisor for details |
| **Total Credits** | 37 credits total | 36 credits total | 36/37 credits total |

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| Group I (AI & Theory) | Group II (Systems) | Group III (Software Engineering & Information Assurance) |
| CS510 (Image Computation)  CS520 (Analysis of Algorithms)  CS522 (Foundations of Cyber-Physical Systems)  CS540 (Artificial Intelligence)  CS 542 (Natural Language Processing)  CS545 (Machine Learning)  CS548 (Bioinformatics Algorithms) | CS530 (Fault Tolerant Computing)  CS535 (Big Data)  CS553 (Compilers for High-Performance Program Generation)  CS555 (Distributed Systems)  CS557 (Advanced Networking)  CS560 (Foundations of Fine-Grain Parallelism)  CS570 (Advanced Computer Architecture)  CS575 (Parallel Processing) | CS514 (Software Product and Process Evaluation)  CS515 (Software Maintenance and Evolution)  CS517 (Software Specification and Design)  CS518 (Distributed Software System Development)  CS533 (Database Management Systems)  CS556 (Computer Security)  CS559: (Quantitative Security)  CS567: (3D User Interfaces) |

**MS Degree planning sheet**

Group 1: Group 2: Group 3:

Breadth 4/6: Breadth 5/6: Breadth 6/6:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S1 | S2 | S3 | S4 | S5 |
|  |  |  |  |  |
| Total: | Total: | Total: | Total: | Total: |

Forms to be filed:

\_\_\_\_\_ GS6 Plan of study (end of 2nd semester)

\_\_\_\_\_ GS25 Application for Graduation (beginning of your final semester)

\_\_\_\_\_ GS24 Report of Final Examination

\_\_\_\_\_ GS30 Thesis/Dissertation submission

\_\_\_\_\_ GS40 Non-Thesis, Plan B Master’s requirement

-Project for Project Students

-Portfolio for RI students