

**Applied Information Technology, MS  
Advising Sheet: 2019-2020 Catalog**

Name: \_\_\_\_\_  
G#: \_\_\_\_\_ Date: \_\_\_\_\_  
Advisor Seen: \_\_\_\_\_

**Cyber Security Concentration (CYBR)**

Core (12 credits)			
COURSE	SEMESTER	GRADE	COMPLETED?
AIT 512 <i>Algorithms and Data Structure Essentials</i>			
AIT 524 <i>Database Management Systems</i>			
AIT 542 <i>Fundamentals of Computing Platforms</i>			
AIT 664 <i>Information: Representation, Processing, and Visualization</i>			

Concentration (18 credits)			
<i>Choose 4 courses (12 credits) from AIT 660, AIT 681, AIT 682, AIT 702, AIT 670</i>			
COURSE	SEMESTER	GRADE	COMPLETED?
Concentration Electives (6 credits)			
<i>Choose 2 courses (6 credits) from AIT 590, AIT 672, AIT 690, AIT 699, AIT 701, AIT 712, AIT 736, AIT 790, AIT 799</i>			

**Advising Resources**

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- To view your degree evaluation, at any time, please follow the instructions posted at <http://registrar.gmu.edu/students/degree-evaluation/degree-works/>

**AP.6.9 Requirements for Master's Degrees**

Candidates must have a minimum GPA of 3.00 in coursework presented on the degree application, which may include no more than 6 credits of C. (Grades of C+, C-, or D do not apply to graduate courses. The GPA calculation excludes all transfer courses and Mason nondegree studies credits not formally approved for the degree.)

A degree-seeking graduate student may be terminated if they fail to make satisfactory progress toward degree as determined by the academic unit; or if they accumulate grades of F in two graduate courses or 9 credits of unsatisfactory grades in graduate courses. Provisionally-Admitted degree seeking graduate students and Non-degree graduate students may be terminated for unsatisfactory academic performance as described in the catalog (AP.6.6.2 Academic Termination).



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**Cyber-Human Systems Concentration (CBHS)**

Core (12 credits)			
COURSE	SEMESTER	GRADE	COMPLETED?
AIT 512 <i>Algorithms and Data Structure Essentials</i>			
AIT 524 <i>Database Management Systems</i>			
AIT 542 <i>Fundamentals of Computing Platforms</i>			
AIT 664 <i>Information: Representation, Processing, and Visualization</i>			

Concentration (18 credits)			
<i>Choose 4 courses (12 credits) from AIT 582, AIT 602, AIT 716, AIT 724</i>			
COURSE	SEMESTER	GRADE	COMPLETED?
Concentration Electives (6 credits)			
<i>Choose 2 courses (6 credits) from AIT 590, AIT 614, AIT 624, AIT 690, AIT 699, AIT 711, AIT 726, AIT 734, AIT 736, AIT 790, AIT 799</i>			

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**Data Analytics and Intelligence Methods (DAIN)**

Core (12 credits)			
COURSE	SEMESTER	GRADE	COMPLETED?
AIT 512 <i>Algorithms and Data Structure Essentials</i>			
AIT 524 <i>Database Management Systems</i>			
AIT 542 <i>Fundamentals of Computing Platforms</i>			
AIT 664 <i>Information: Representation, Processing, and Visualization</i>			

Concentration (18 credits)			
<i>Choose 4 courses (12 credits) from AIT 580, AIT 582, AIT 614, AIT 677, AIT 724</i>			
COURSE	SEMESTER	GRADE	COMPLETED?
Concentration Electives (6 credits)			
<i>Choose 2 courses (6 credits) from AIT 590, AIT 624, AIT 690, AIT 699, AIT 711, AIT 716, AIT 726, AIT 734, AIT 736, AIT 790, AIT 799, CFRS 500, CFRS 660</i>			

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**IT Management**

Core (12 credits)			
COURSE	SEMESTER	GRADE	COMPLETED?
AIT 524 <i>Database Management Systems</i>			
AIT 542 <i>Fundamentals of Computing Platforms</i>			
AIT 580 <i>Analytics: Big Data to Information</i>			
AIT 664 <i>Information Representation, Processing, and Visualization</i>			

Concentration (18 credits)			
Concentration Elective Courses (18 credits)			
Choose six courses from AIT 582, AIT 590, AIT 614, AIT 622, AIT 660, AIT 665, AIT 670, AIT 672, AIT 677, AIT 678, AIT 679, AIT 685, AIT 690, AIT 697, AIT 701			
COURSE	SEMESTER	GRADE	COMPLETED?

Students in this concentration may also take other IST graduate-level courses not listed above as part of their MS technical electives, subject to approval of the advisor.

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