Academic Year 2020-21

Area 1: Biological Informatics: Foundations and Applications - 12 hours

- CPSC 8700 Database Management System
- ECE 7350 Computational Science: Methods & Software Systems
- CPSC 8560 Human-Computer Interaction
- CPSC 8710 Foundations of Software Engineering
- ME 5000 Engineering Management

Area 2: Computing, Math, Stats, and Engineering - 12 hours

- CPSC 6140 Human Factors Engineering
- CPSC 8470 Knowledge Engineering
- CPSC 8620 Software Engineering
- CPSC 8950 Image Processing
- CPSC 8420 Database Management System

Area 3: Population Health, Health Systems, and Policy - 4 hours

- CPSC 8400 Biostatistics
- CPSC 8420 Applied Data Science
- CPSC 8430 Knowledge Engineering
- CPSC 8490 Image Processing
- CPSC 8500 Image Processing

Area 4: Domain Biology/Medicine - 3-4 hours

- BDSI 8000 Introduction to Biomedical Informatics
- BDSI 8000 Introduction to Genomics
- BDSI 8000 Introduction to Genetics
- BDSI 8000 Introduction to Genomics
- BDSI 8000 Introduction to Biomedical Informatics

Area 5 - Seminars

- CPSC 8400 Biostatistics
- CPSC 8420 Applied Data Science
- CPSC 8430 Knowledge Engineering
- CPSC 8490 Image Processing
- CPSC 8500 Image Processing

CPSC 8700 Database Management System
ECE 7350 Computational Science: Methods & Software Systems
CPSC 8560 Human-Computer Interaction
CPSC 8710 Foundations of Software Engineering
ME 5000 Engineering Management

MS students are asked to limit MUSC courses to the completion of Area I requirements; in instances where this isn't possible, please contact Adam Rollins at rollin7@clemson.edu

Academic Year 2020-21

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