MS in Information Systems, Connective Media
Graduation Requirements 60 Credits

CORE: Jacobs Technical (9 credits) | Credits
---|---
☐ CS 5112 Algorithms and Data Structures for Applications | 3
☐ CS 5682/ INFO 6410 HCI & Design (Fall, YR1) | 3
☐ CS 5785 Applied Machine Learning (Fall, YR1) | 3

ELECTIVES: Connective Media Systems Technology (9 credits) | Credits
---|---
☐ 9 CM Elective credits | 9
  Examples of CM Electives:
  ☐ CS 5304/INFO 5304 Data Science in the Wild
  ☐ CS 5670 Computer Vision
  ☐ CS 5740 Natural Language Processing Ideas
  ☐ CS 5854 Networks and Markets
  ☐ INFO 5307 Future Interaction Techniques
  ☐ INFO 5340 Virtual and Augmented Reality
  ☐ INFO 5345 Developing and Designing Interactive Devices
  ☐ INFO 6600 Technology for Underserved Communities

ELECTIVES: Human & Social (9 credits) | Credits
---|---
☐ INFO 5310 Psychological and Social Aspects of Technology (Fall, YR1) | 3
☐ 6 additional Human & Social credits
  Examples of Human and Social Electives:
  ☐ INFO 5303 Privacy in the Digital Age
  ☐ INFO 5305 User Experience and User Research
  ☐ INFO 5325 Values in Information Technology and Digital Media
  ☐ INFO 5350 Behavioral Economics for Tech
  ☐ INFO 5910 Revolutionary Technologies
  ☐ INFO 5915 Remaking the City

Studio (8 credits) | Credits
---|---
All Studio (TECH) courses must be taken for a letter grade

☐ TECH 5000 Becoming a Leader in the Digital World (Fall, YR1) | 1
☐ TECH 5100 Startup & Product Ideas (Fall, YR2) | 1
☐ TECH 5900 Product Studio (Fall, YR1) | 3
☐ TECH 5910 Startup Studio or TECH 5290 BigCo Studio (Spring, YR2) | 3

Specialization (9 credits) | Credits
---|---
(Second and third semesters)
☐ INFO 7900 Specialization Project | 9

Electives (16 credits)
- Select from any additional course offerings on campus
  *Please note: NBAY 5500 Business Fundamentals must be taken as a prerequisite for all business courses.*

Additional Requirements
• All students must be in good standing to continue the program. To be considered in good standing:
  o Students must maintain a cumulative GPA of 2.5 or higher
  o Students must receive a C- or better in all graded courses
  o Students must receive a B or higher in either TECH 5900 or 5910
  o Courses where a student receives below a C- will not be counted towards the graduation requirements
  o Students who are not in good standing may be asked to leave the program.
• All classes must be taken for a letter grade (with the exception of classes that are only offered S/U)