

# MS in Information Systems, Health Tech

Graduation Requirements: 60 Credits

2021-2022 Academic Year, 2<sup>nd</sup> year students

## Required Technical Courses (9 credits)

Credits

- |                                                                                                                                  |   |
|----------------------------------------------------------------------------------------------------------------------------------|---|
| <input type="checkbox"/> CS 5112 Algorithms and Data Structures for Applications or CS 5356 Startup Systems Design & Engineering | 3 |
| <input type="checkbox"/> CS 5785 Applied Machine Learning or CS 5781 Machine Learning Engineering                                | 3 |
| <input type="checkbox"/> INFO 6410 HCI & Design                                                                                  | 3 |

*\*Students who have satisfied the prerequisites are encouraged to take CS 5112 and CS 5785/ 5781 in YR 1.*

## Elective Technical Courses (15 credits)

Credits

Select from CS, ORIE, INFO, ECE course offerings at Cornell Tech. Recommended Technical Electives:

- INFO 5304 Data Science in the Wild
- INFO 6120 Ubiquitous Computing
- CS 5380 Optimization Methods
- CS 5435 Security and Privacy
- CS 5670 Computer Vision
- CS 5740 Natural Language Processing
- CS 5781 Machine Learning Engineering
- CS 5787 Deep Learning
- ECE 5727 Embedded Systems Lab

Your courses:

Course Name: _____	# of credits: _____
Course Name: _____	# of credits: _____
Course Name: _____	# of credits: _____
Course Name: _____	# of credits: _____
Course Name: _____	# of credits: _____

## Required Health Courses (8 credits)

Credits

- |                                                                                                      |     |
|------------------------------------------------------------------------------------------------------|-----|
| <input type="checkbox"/> INFO 5360 Healthcare Organizations & Delivery + Companion Independent Study | 2+1 |
| <input type="checkbox"/> INFO 5350 Behavioral Economics for Tech*                                    | 3   |
| <input type="checkbox"/> INFO 5555 Health Tech, Data and Systems*                                    | 2   |
- \*or equivalent approved substitutes through consent of Program Director*

## Elective Health Courses (9 credits)

Credits

- |                                                                                                               |   |
|---------------------------------------------------------------------------------------------------------------|---|
| <input type="checkbox"/> INFO 5610 Sensors, Systems and Algorithms for Precision Behavioral Health (optional) | 3 |
| <input type="checkbox"/> INFO 5600 AI for Healthcare (optional)                                               | 3 |
| <input type="checkbox"/> Select from available offerings at Weill                                             |   |
- |                    |                     |
|--------------------|---------------------|
| Course Name: _____ | # of credits: _____ |
| Course Name: _____ | # of credits: _____ |
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| Course Name: _____ | # of credits: _____ |

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# MS in Information Systems, Health Tech

Graduation Requirements: 60 Credits

2020-2021 Academic Year, 1<sup>st</sup> year students

## Required Studio Courses (8 credits)

Credits

<input type="checkbox"/> TECH 5900 Product Studio	3
<input type="checkbox"/> TECH 5901 Preparing for Spring Studio	1
<input type="checkbox"/> TECH 5910 Startup Studio, TECH 5920 BigCo Studio, or TECH 5930 PiTech Studio	3
<input type="checkbox"/> TECH Studio Elective : _____	1

*\*Please note: TECH 5300, TECH 5310, TECH 5320 do not qualify as Studio electives.*

## Required Specialization Project (9 credits)

Taken for a letter grade over two semesters.

Follow instructions from Student Services regarding your appropriate enrollment section.

Credits

<input type="checkbox"/> INFO 7900 Specialization Project (Spring, YR1)	3
<input type="checkbox"/> INFO 7900 Specialization Project (Fall, YR2)	6

## Elective General Courses (2 credits)

Credits

2 additional elective credits.

*Please note: TECH 5310 Business Fundamentals (fall only) must be taken as a prerequisite for all business courses.*

Elective Course Name: \_\_\_\_\_ # of credits: \_\_\_\_\_

Elective Course Name: \_\_\_\_\_ # of credits: \_\_\_\_\_

## Additional Requirements

- All independent studies must be taken S/U (with the exception of your Specialization Project).
- All classes must be taken for a letter grade (with the exception of classes that are only offered S/U and any independent study projects).
- For Studio courses, students must receive a B or higher in TECH 5900 and TECH 5901, OR TECH 5910/TECH 5920/TECH 5930.
- Students must receive a C- or better in all graded courses. Any course that a student receives a grade of below C- will not count towards graduation requirements.
- Students must maintain a cumulative GPA of 2.5 or higher.
- Students must comply with the above requirements in order to be in good academic standing. Students who are not in good standing may be asked to leave the program.

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