Team 2020
“Best” Versions of Options For Next AY

High-level summary

DRAFT ONLY, June 5, 2020
Five Leading Options

• All UGs back for fall
• Delayed start (two semesters starting in January)
• Two semesters (60% UGs in fall, 75% UGs in spring)
• Two out of three semesters
• 100% Remote Fall, TBD spring
Residential Capacity

- MIT residential capacity reduced:
  - Preferred Fall arrangement: 1-student/room, 3-4 students/WC
  - Another possibility: 2-students/room and 3-4 students/WC

- UG housing capacity:
  - Shortfall of up to 1688 beds for UGs in fall
  - More capacity in spring with New Vassar

- 1320 hotel beds within 1.7mi
  - 1 student per room

- 85% of graduate student housing capacity available
  - No guarantee of on-campus housing

~4530 UGs registered
Fall Gap: ~1688 beds
Spring Gap: ~1435 beds
~3165: housing capacity January 2021
~2842: housing capacity in fall 2020

\[ \text{Beds Available} \]

\[ \text{\# of beds available} \]

\[ \text{\# of beds needed} \]
Academic Capacity

Campus academic capacity reduced: 6 feet separation, 160 square feet per person in labs

- Maximum of ~4000-student capacity at any time
  - Campus access will be restricted to certain students at certain times for certain locations
- Maximum lecture room capacity of 50-70 people
  - A significant percentage of subjects taught on-line
    - OCP subjects with enrollments greater than ~50 will not be able to teach all students at the same time

4041 learner capacity, daily max
363 learning spaces
6 learning space types
3 COVID-adjusted room sizes
Mode of Teaching

Plan for EVERYTHING that can be remote to be remote; assume all in-person elements are a bonus

• Conservatively positions the curriculum
• Addresses needs of students who will not be on campus (either because we do not invite them back or because of personal, visa or health situations)
• “Bonus” includes classes that require in-person, campus-based instruction
  • we would need to be prepared to make case-by-case arrangements for students who do not come to campus and/or move to fully-remote if necessary and/or cancel if necessary
• We will provide robust experiential learning opportunities remote and in-person when possible
Key calendar assumptions

• Students tested immediately upon arrival, then quarantine for 7 days, then are retested. **First week of all semesters is remote-only.**

• Residences require **two-week change-over time** between semesters
  • 4-day move-out, 7-day cleaning, 3-day move-in

• **Remove breaks** that typically involve lots of travel (e.g. spring break)

• For options that extend into summer, remove one week from each semester
  • Unsure if we can reduce from 65 days + 15 weeks per semester (requires waiver from Dept of Education due to federal financial aid policies)
Calendar Possibilities

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Solid = In Person, Striped = Remote, Red = Finals, Purple = Commencement week
High-level features

All UGs back for fall
- Challenging for residential life, will require significant new staffing for satellite sites
- Students likely to get less on-campus/in-person time per capita
- Fewest equity concerns
- Positioning all students near campus is more nimble if conditions improve, less robust if they worsen
- Attractiveness improves if public health improves over time

Delayed start (two semesters starting in January)
- Works well if there is a second wave in the late summer/early fall, and abilities to treat the disease improve significantly in early 2021
- Does not work as well if there is a winter wave (other endemic coronaviruses have had a seasonal dependence)
- If health conditions are similar throughout the AY, then we would have lost the opportunity to have some access to in-person teaching in the fall
- Extends until the end of July (even with a waiver to enable us to compress the semester)
  - Impacts on faculty/staff workload, childcare needs, etc.
  - Interactions with faculty and graduate student research enterprise
  - Less down time before next AY begins
Two semesters (60% UGs in fall, 75% UGs in spring)

- Works well for a winter wave, no UGs in residence from end of November through January
- Provides all students at least one semester in-residence (25% get two)
- Does not extend into our typical summer period, summer on-campus programming, internships, research activities, etc.
- Not all students would get the in-person elements of all the classes
- Logistically easier (curriculum and residential life) than 100% on campus
- Those students on campus would be able to take greater advantage of in person elements on a per capita basis

Two out of three semesters

- All students invited for two semesters on campus
- Nearly all students can take their required classes while on-campus
- Does not work as well if there is a winter wave
- Lower UG per semester is logistically easier than 100% on campus, enables more in-person opportunities per capita
- Extends until the end of July (even with a waiver to enable us to compress the semester)
  - Impacts on faculty/staff workload, childcare needs, etc.
  - Interactions with faculty and graduate student research enterprise
  - Less down time before next AY begins
100% remote fall, TBD for spring

- Some students still in emergency housing on campus
- Minimizes population on campus to assist in reducing risk of disease spread on-campus
- Preserves existing academic calendar
- Preserves space on campus for other uses (e.g. the research enterprise)
- Certain subjects (e.g. lab/project classes) may not be able to achieve all learning objectives
- Equity impacts for students who are not in good remote learning environments
- Equity impacts in that not all students would be guaranteed at least one semester on campus