In light of Brown’s decision to transition all classes to remote learning, the following policies will supersede the original syllabus for this course effective Monday, March 30, 2020.

Lectures

Lectures will be held 2:30 - 3:50 PM EDT via Zoom (join link here; meeting ID: 846-292-737) for the remainder of the semester. Recordings will be posted to Panopto.

Hours

Hours will be held via Zoom (join link here; meeting ID: 980-649-585) on a modified schedule for the remainder of the semester. Consult the course website for an up-to-date schedule. Please sign up on SignMeUp when you join the Zoom room (you will be placed into a “waiting room” on Zoom and admitted when you reach the top of the SignMeUp queue). Hours will not be recorded.

Asynchronous Learning

Please email the TA list if you are in a time zone outside EDT (UTC-4:00) or foresee difficulty in attending remote lectures or hours for the remainder of the semester. Accommodations will be made as necessary.

Note-Taking

Note-taking for class participation credit will now be optional. +1% will be awarded to final grades for each class completed (up to 2). Signups will remain open here. Lecture notes will continue to be updated.

Midterm

The midterm has been cancelled. Selected topics will be incorporated into the final exam.

Final Exam

The final exam will be released on Friday, May 1st, 2020, and due at 1820 (6:20 PM) EDT on Friday, May 8th, 2020. Use of class notes and posted course resources is permitted; collaboration with other students is prohibited. The collaboration policy as outlined in the original syllabus remains in effect.

Final Project

Final projects are required for graduate students who wish to receive graduate-level credit for this course. Undergraduate students may complete a final project for extra credit. Final projects must include a review of computational methods and/or implementation of existing or original algorithms, and culminate in a final presentation and report. In light of the ongoing COVID-19 pandemic and the vital role of computational biology in understanding and combating novel diseases such as SARS-CoV-2, all final projects should be related in some way to viral genomics, immunogenomics, or a similar topic. Final projects will be presented via Zoom during class on Tuesday, May 5th, 2020 (or at an alternate time due to asynchronous learning accommodations). Final versions of presentations and a brief final report summarizing the project will be due on Friday, May 8th, 2020. All final projects must be discussed with and approved by Professor Istrail.
# Grading

Grade categories have been amended as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>HWs</td>
<td>35%</td>
</tr>
<tr>
<td>PRs</td>
<td>40%</td>
</tr>
<tr>
<td>Final exam (take-home)</td>
<td>25%</td>
</tr>
<tr>
<td>Class participation (optional)</td>
<td>up to +2%</td>
</tr>
<tr>
<td>Final project (optional)</td>
<td>up to +5%</td>
</tr>
</tbody>
</table>

Note that extra credit for completing a final project will only be awarded to undergraduates (graduate students will receive graduate-level credit in lieu of extra credit).

# Questions/Concerns

Please reach out to cs1820tas@lists.brown.edu or sorin_istrail@brown.edu with any questions or concerns regarding accommodations, logistics, or anything else pertaining to this course throughout the remainder of the semester. We are here for you!