Supplemental Information for Fall 2020 Course Structure

Questions? Contact our Undergraduate Coordinator: Monica.Morin@tufts.edu

01 Environment Preservation & Improvement (Cross listed as ENV 0091)  
**Modality:** Virtual- Synchronous  
This course will be taught completely online. All students will attend the course virtually at the same time. (Tuesday 1:30PM-4:00PM)

04 Gross Anatomy (Cross listed as Occupational Therapy 102)  
**Modality:** Please refer to the Department of Occupational Therapy: [https://as.tufts.edu/occupationaltherapy/current/courses](https://as.tufts.edu/occupationaltherapy/current/courses)

06 Big Bang to Humankind  
**Modality:** Please refer to the Department of Physics and Astronomy: [https://as.tufts.edu/physics/courses](https://as.tufts.edu/physics/courses)

08 Microbiology of Food  
**Modality:** Hybrid/Dual Modality  
For occupancy restrictions, students will attend on alternating weeks. On weeks when students join virtually, they will be expected to attend the course synchronously (Tuesday 6:30PM-9:00PM).

10 Plants and Humanity  
**Modality:** Virtual- Asynchronous  
This course will be taught completely online. Students are expected to complete course content and assignments on their own time within the structure of course deadlines.

12 Evolution in Our World  
**Modality:** Virtual- Synchronous  
This course will be taught completely online. All students will attend the course virtually at the same time (Tuesday/Thursday 10:30AM-11:45AM).

13 Cells and Organisms LECTURE  
**Modality:** Virtual- Asynchronous  
This course will be taught completely online. Students are expected to complete course content (readings and recorded lectures) and assignments on their own time within the structure of weekly course deadlines. Smaller discussion sections will complement the lecture material. Suggested weekly workflows will be provided.

13 Cells and Organisms LAB  
**Modality:** Hybrid/Dual Modality  
For occupancy restrictions, students will alternate weeks in lab. Those who are not in lab on a given week will do online lab exercises. Some lab exercises will be online, and some will be in person with reduced capacity. Students may complete in-person labs virtually if attendance is not possible.

49 A&B Experiments in Physiology  
**Modality:** Virtual- Synchronous  
This course will be taught completely online. All students will attend the course virtually at the same time. (Section A: Monday 1:30PM-5:00PM; Section B: Tuesday 1:30PM-5:00PM; Recitation: Thursday 4:30PM - 5:25PM). **NOTE:** Students will have asynchronous lab exercise components.
50 Experiments in Molecular Biology  
**Modality:** Hybrid/Dual Modality  
For occupancy restrictions, students will alternate weeks in lab. Those who are not in lab on a given week will meet online with instructor for problem-based sessions and writing. Students joining virtually will be expected to attend the course synchronously. **Students must be able to attend their lab sessions on campus; this course cannot be completed remotely** (Section A: Tuesday 1:30PM-5:00PM; Section B: Thursday 1:30PM-5:00PM). Recitation will be held virtually, and students are expected to join synchronously during the regularly schedule class period (Friday 12:00PM - 12:50PM).

51 A&B Experiments in Ecology (Cross-listed as ENV 51)  
**Modality:** Virtual- Synchronous  
This course will be taught completely online. All students will attend the course virtually at the same time (Section A: Wednesday 1:30PM-5:00PM; Section B: Thursday 1:30PM-5:00PM; Recitation: Tuesday 4:30PM-5:20PM).

55 Microbiome Research Lab  
**Modality:** Hybrid/Dual Modality  
For occupancy restrictions, only 7 students will meet in person with the teaching staff during the scheduled course time on Monday (1:20PM-4:20PM). The remaining 5 students will be Zooming into the class synchronously and will work on bioinformatic projects that do not require access to the lab. Students working on bioinformatic projects will be able to meet with Professor Wolfe in person during the Friday recitation section (Fridays at 11:45am-1:15pm).

93 Introduction to Research  
**Modality:** In-person (coordination virtual)  
Students will be able to complete laboratory work in-person, given that the University protocols remain the same. All coordination will be online.

103 Developmental Biology  
**Modality:** Hybrid/Dual Modality  
Course content will be delivered asynchronously via Canvas as short videos. Course participants will be assigned to smaller working groups that will meet in person once a week to participate in active-learning exercises related to the course material during regularly scheduled class times (Tuesday/Thursday 12:00PM-1:15PM). For students unable to attend the weekly in-person meetings, an alternative option will be available.

104 Immunology  
**Modality:** Virtual- Asynchronous  
This course will be taught completely online. Students are expected to complete course content and assignments on their own time within the structure of course deadlines.

105 Molecular Biology  
**Modality:** Virtual  
Course content will be delivered asynchronously. Online problem-solving sessions will be held synchronously during the regularly scheduled class time (Tuesday/Thursday 10:30AM-11:45AM). An online homework workshop will be held during the recitation section (Monday 3:00PM-4:00PM).

110 Endocrinology  
**Modality:** Hybrid/Dual Modality  
Students will alternate days of in-person attendance (~50% of students enrolled will attend/day) during the regularly scheduled class time (Monday/Wednesday 10:30AM-11:45AM). Students who are joining virtually will be able to access the course synchronously on Zoom. The course will also be recorded and available on Canvas for students to access if they were unable to attend.

115 General Physiology I  
**Modality:** Virtual- Asynchronous  
This course will be taught completely online. Students are expected to complete course content and assignments on their own time within the structure of course deadlines.
132 Biostatistics  
**Modality: Virtual- Synchronous**  
This course will be taught completely online. All students will attend the course virtually at the same time (Lecture: Tuesday/Thursday 10:30AM-11:45AM, Recitation: Thursday 6:00PM-8:00PM). Students may complete this course asynchronously if attendance during the scheduled course time period is not possible. The course will be recorded and available on Canvas for students to access if they were unable to attend.

144 Conservation Biology  
**Modality: Virtual- Synchronous**  
This course will be taught completely online. All students will attend the course virtually at the same time (Monday/Wednesday 1:30PM-2:45PM). Students may complete this course asynchronously if attendance during the scheduled course time period is not possible. The course will be recorded and available on Canvas for students to access if they were unable to attend.

172 Biochemistry II (Cross-listed as CHEM 172)  
**Modality:** Please refer to the Department of Chemistry: [https://chem.tufts.edu/courses.html](https://chem.tufts.edu/courses.html)

179 Seminar Marine Biology  
**Modality: Virtual- Synchronous**  
This course will be taught completely online. All students will attend the course virtually at the same time (Tuesday 1:30PM-4:00PM).

183 Seminar in Darwinian Medicine  
**Modality: Virtual- Synchronous**  
This course will be taught completely online. All students will attend the course virtually at the same time (Tuesday 1:30PM-4:00PM).

185: Food for All- Ecology, Technology and Sustainability (Cross listed as ENV 182)  
**Modality: Section A: Virtual- Synchronous, Section B: In-person**  
Section A students will attend the course virtually at the same time (Monday 1:20PM-4:20PM). Section B will be held in-person during regularly scheduled class time (Monday 1:20PM-4:20PM) under appropriate safety protocols and procedures. Lectures will be recorded for students who will not be able to attend.

188 Seminar in Molecular Biology & Genetics  
**Modality: In-person**  
The course will be held in-person during regularly scheduled class time (Tuesday/Thursday 12:00PM-1:15PM) under appropriate safety protocols and procedures.

193 Independent Research  
**Modality: In-person (coordination virtual)**  
Students will be able to complete laboratory work in-person, given that the University protocols remain the same. All coordination will be online.

195 Independent Study in Biology  
**Modality: TBD**

199 Senior Honors Thesis  
**Modality: Virtual**  
Students will be able to complete laboratory work in-person, given that the University protocols remain the same. All coordination will be online.

200 Lab Meeting  
**Modality: Hybrid/Dual Modality**  
Discuss details of structure with designated PI.
**201 Biology Department Seminar**
*Modality: Hybrid/Dual Modality*
Presentation at reduced capacity and will be recorded for those who are unable to attend.

**241 Advanced Genetics: DNA Repair and Genome Editing**
*Modality: In-person*
The course will be held in-person during regularly scheduled class time (Tuesday/Thursday 6:00PM-7:15PM) under appropriate safety protocols and procedures.

**243 Topics in Molecular and Cell Biology**
*Modality: Hybrid/Dual Modality*
Dependent on instructor: Some course content will be held in-person during the regularly scheduled class time (Wednesday 1:30PM-4:30PM) under appropriate safety protocols and procedures. Some course content will be given synchronously via Zoom.

**253 Graduate Student Research Rotation.**
*Modality: In-person*

**257 Graduate Research & Experimental Design (2nd Year)**
*Modality: In-person*

**260-01 Teaching Biology: Pedagogy and Practice.**
*Modality: In-person*
This course will be held in-person during regularly scheduled class time (Monday 10:30AM-11:45AM) under appropriate safety protocols and procedures.

**291 Graduate Seminar in Molecular and Developmental Biology A & B**
*Modality: Virtual- Synchronous*
This course will be taught completely online. All students/instructors will attend the course virtually at the same time (Thursday 8:30AM-10:00AM).