

Hematopoietic Stem Cell Biology and Dysfunction – Syllabus

GENERAL INFORMATION:

Course: MSBS N5134
Semester: Spring, 2026
Time: Mondays, 6:00-8:30
Dates: January 26 – March 30, 2025
Location: MSB B-610

COURSE DIRECTORS:

Name: Lauren Sherman
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COURSE DESCRIPTION:

The purpose of this course is to provide students with an understanding of how dysfunctions in the hematopoietic stem cells lead to clinical abnormalities (diseases). In addition, students will learn how attempts are being made to solve the clinical problems and how these solutions were derived from an understanding of basic biology: biochemistry, cellular and molecular biology.

COURSE PREREQUISITE(S):

Background in stem cell biology recommended, but not required.

ATTENDANCE

Attendance is not required. However, our past experience with this course indicates that students who attend the class perform better overall. Students are encouraged to actively participate in each class. Participation can influence students' final grades.

EXAMS

There are three exams. All students are expected to take each exam at the scheduled time. Make-up exams will only be granted with documented medical reasons and must be arranged **prior** to the exam.

GRADING

- Exams: 30% each
- Participation: 10%