# SGPS Core Courses 2018-2019 Book List

## Fall Term

**GIGP 501 - Molecular and Cellular Biology I**  

**GIGP 507 - Art of Scientific Presentation**  
REQUIRED TEXT: NONE

**GIGP 510 - Computer Applications in Biomedical Research**  
REQUIRED TEXT: NONE

**GIGP 509 - Biostatistics**  
RECOMMENDED TEXT: Statistics at the Bench: A Step-by-Step Handbook for Biologists  
Hardcove. Doerge and Bremer. (2009)

## Winter Term

**GIGP 502 - Molecular and Cellular Biology II**  
REQUIRED TEXT: NONE

**GIGP 508 - Ethics and Regulatory Issues in Biomedical Research**  

**GIGP 503 B, C, D, E - Systems Lectures**  
  - Section B - Cystic Fibrosis --  
    REQUIRED TEXT: NONE
  - Section C - Cancer – RECOMMENDED TEXT: *The Biology of Cancer*, Weinberg, 2007,  
    Garland Science
  - Section D - Neurodegenerative Diseases -  
    REQUIRED TEXT: NONE
  - Section E – Fundamentals of Immunology –  
    REQUIRED TEXT: NONE

## Winter/Spring Term

**Electives:**

**GIGP 505 Cellular & Molecular Developmental Biology** – Elective Course  

**GIGP 506 Systems Physiology** – Elective Course  
REQUIRED TEXTS:  
  *(Both books are provided by the course director and are on reserve in the RFUMS library)*

**GIGP 512 Neuroscience** – Elective Course  