

**2022 Fall Semester
MS1 Foundation Phase
Semester 1
School of Medicine**

Clinical Epidemiology Coil (necessary for all three semesters of Foundation Phase)

Course Number: MTEC 101

Section: Clin Epi

Title: **Clinical Epidemiology: The Essentials, 5th edition, 2014** (There is a 6th edition, but we use the 5th)

Author: Fletcher, Fletcher, and Fletcher

Publisher: Lippincott, Williams, and Wilkins

ISBN: 9781451144475

Required? **YES**

Freely available through the Health Science Library (HSL): <https://catalog.lib.unc.edu/catalog/UNCb7786583>

Pathology Coil (necessary for all three semesters of Foundation Phase)

Course Number: MTEC 101

Section: Path

Title: **Robbins and Cotran Pathologic Basis of Disease, 9th edition, 2015**

Author: Abbas, Aster and Kumar

Publisher: Elsevier/Saunders

ISBN: 9780323266161

Required? **YES**

Freely available through the Health Sciences Library (HSL): <https://catalog.lib.unc.edu/catalog/UNCb9643903>

Optional Pathology texts:

<https://shop.lww.com/Rubin-s-Pathology/p/9781496386144>

<https://shop.lww.com/Principles-of-Rubin-s-Pathology/p/9781496350329>

Microbiology Coil (necessary for all three semesters of Foundation Phase)

Course Number: MTEC 101

Section: Micro

Title: **Review of Medical Microbiology & Immunology: A Guide to Clinical Infectious Diseases, 17th Edition, 2022**

Author: Warren Levinson, Peter Chin-Hong, Elizabeth A. Joyce, Jesse Nussbaum, Brian Schwartz

Publisher: McGraw- Hill

ISBN: 9781264267088

Required? **YES**

Freely available through the Health Sciences Library (HSL): <https://catalog.lib.unc.edu/catalog/UNCb10859744>

Anatomy Coil (necessary for all three semesters of Foundation Phase)

Course Number: MTEC 101

Section: Anat

Title: **Atlas of Human Anatomy, 7th edition, 2017**

Author: Frank Netter

ISBN: 9780323393225

Publisher: Saunders

Required? **No**

Freely available through the Health Sciences Library (HSL): <https://catalog.lib.unc.edu/catalog/UNCb9646545>

You will need the following anatomy supplies beginning in the Cardiology Block:

- White lab coat OR scrubs (lab coat can be re-used from microbiology laboratories)
- Box of gloves (SOM will provide one box of gloves per student)

Genetics Coil (necessary for all three semesters of Foundation Phase)

Title: **Human Genetics and Genomics, 4th Edition, 2013**

Author: Bruce R. Korf; Mira B. Irons

Publisher: Wiley-Blackwell

ISBN: 9780470654477

Freely available through the Health Sciences Library(HSL): <https://catalog.lib.unc.edu/catalog/UNCb7389332>

Physiology Coil (necessary for all three semesters of the Foundation Phase)

Title: **Physiology, 6th edition, 2017**

Author: Linda S. Costanzo

Publisher: Elsevier Health Sciences

ISBN: 9780323478816

Required? **NO**- Unless superseded by Block Director

Title: **Medical Physiology, 3rd edition, 2017**

Author: Boron and Boulpaep

Publisher: Elsevier Health Sciences

ISBN: 9781455743773

Required? **NO**- Unless superseded by Block Director

Freely available through the Health Sciences Library (HSL): <https://catalog.lib.unc.edu/catalog/UNCb9725859>

SOCIAL AND HEALTH SYSTEMS (necessary for SHS1 and SHS2)

Course: MTEC 121

Section: SHS1 and SHS2

Title: **The Social Medicine Reader, 3rd Edition, Vol. 1 (Ethics and Cultures of Biomedicine) AND Vol. 2 (Differences and Inequalities), 2019**

Author: Oberlander J., Buchbinder M., Churchill L., Estroff S., King N., Saunders B., Strauss R., and Walker, R.

Publisher: Duke Press

ISBN: 978-1478002819 (Vol. 1) and 978-1478002826 (Vol. 2)

Required? **YES**

Freely available through the Health Sciences Library (HSL) Volume 1: <https://catalog.lib.unc.edu/catalog/UNCb9710256>

Volume 2: <https://catalog.lib.unc.edu/catalog/UNCb9653225>

PATIENT-CENTERED CARE
(necessary for all three semesters of Foundation Phase)

Course: MTEC 111

Section: PCC

Title: **Symptom to Diagnosis, An Evidence-Based Guide, 4th Edition, 2020**

Author: Scott D. C. Stern, Adam S. Cifu, Diane Altkorn

Publisher: McGraw Hill

ISBN: 9781260121117

Required? **YES**

Freely available through the Health Sciences Library (HSL): <https://catalog.lib.unc.edu/catalog/UNCb10838158> It is recommended to purchase a copy.

Course: MTEC 111

Section: PCC

Title: **Bates' Guide to Physical Examination and History Taking, 13th Edition, 2021**

Author: Bickley, LS, Szilagyi, PG, Hoffman, RM

Publisher: Wolters Kluwer Health

ISBN: 9781496398178

Required? **YES**

Available at HSL: 1st Floor Reference WB 205 B329g 2021- In-library Use only

Course: MTEC 111

Section: PCC

Title: **The Medical Interview: Mastering Skills for Clinical Practice, 5th Edition, 2006**

Author: John L. Coulehan, Marian R. Block

Publisher: F A Davis Company

ISBN: 9780803612464

Required? **YES**

Freely available through the Health Sciences Library (HSL): <https://catalog.lib.unc.edu/catalog/UNCb5180017>

Note: Students may choose to purchase eBooks OR physical copies of the PCC texts above.

MEDICAL SCIENCE BLOCKS

PRINCIPLES OF MEDICINE – BLOCK DATES: 8/1-8/23

Course Number: MTEC 101

Section: POM

No textbook, but this block will refer to the Biochemistry Coil texts.

IMMUNOLOGY – BLOCK DATES: 8/24 – 9/21

Course Number: MTEC 101

Section: IMMUNO or IMM

Title: **Basic Immunology: Functions and Disorders of the Immune System, 6th Edition, 2020**

Author: Abbas and Lichtman

Publisher: Elsevier

ISBN: 9780323549431

Required: **YES**

HEMATOLOGY – BLOCK DATES: 9/26 – 10/21

No Textbook. Check Canvas for assigned readings.

CARDIOLOGY: BLOCK DATES – 10/31 – 12/16

Course Number: MTEC 101

Section: CAR

Title: **Pathophysiology of Heart Disease, 6th Edition, 2016**

Editor: Leonard S. Lilly

Publisher: Wolters Kluwer

ISBN: 781975120597

Required? **YES**

Freely available through the Health Sciences Library (HSL): <https://catalog.lib.unc.edu/catalog/UNCb9743426>

Title: **Rapid Interpretation of EKG's: An Interactive Course, 6th Edition, 2000**

Author: Dale Dubin

Publisher: Cover Publishing Company

ISBN: 9780912912066

Required? **NO** – Optional

Freely available through the Health Sciences Library (HSL): <https://www.r2library.com/resource/title/0912912065>