

2021 Course Schedule for “Fundamentals of Medical Pharmacology” (MEDS4029/MCBP7029): (revised 1/4/2021)

A 3 credit hour Spring Semester course

Instructor – Dr. Terry Kirley, lectures are 50 minutes

Required textbook is “Pharmacology” (4th Edition or 5th Edition), by G.M. Brenner and C.W. Stevens

Time and days = 1:00pm to 1:50pm on Monday/Wednesday/Friday (Location – **online via Zoom until 1/22/2021, then in 5051 MSB**)

Zoom link for first 2 weeks of class: <https://ucincinnati.zoom.us/j/96221407930>

(Note that **all live lectures in 5051 MSB will also be streamed and recorded** automatically using Echo 360)

Week	Location	Day - Date	Topic (Brenner & Stevens 4 th ed textbook chapter)	Comments
1	Online - Zoom	Mon – 1/11/2021	Introduction (Chapter 1+)	
1	Online - Zoom	Wed – 1/13/2021	Pharmacodynamics (Chapter 3+)	
1	Online - Zoom	Fri – 1/15/2021	Pharmacodynamics (Chapter 3+)	
2		Mon – 1/18/2021	No Class	MLK Day
2	Online - Zoom	Wed – 1/20/2021	ADME (Chapter 2+)	
2	Online - Zoom	Fri – 1/22/2021	ADME / Drug delivery (Chapter 2+)	
3	5051 MSB	Mon – 1/25/2021	Pharmacokinetics (Chapter 2+)	
3	5051 MSB	Wed – 1/27/2021	Drug Approval Process (Chapter 4+)	
3	5051 MSB	Fri – 1/29/2021	Receptor Solubilization, Purification and Analyses	
4	5051 MSB	Mon – 2/1/2021	Exam 1	20% of grade
4	5051 MSB	Wed – 2/3/2021	Autonomics – Introduction (Chapter 5)	
4	5051 MSB	Fri – 2/5/2021	Autonomics – Cholinergics (Chapters 6 and 7)	
5	5051 MSB	Mon – 2/8/2021	Autonomics – Adrenergics (Chapters 8 and 9)	
5	5051 MSB	Wed – 2/10/2021	CV/Renal Drugs – hypertension (Chapter 10)	
5	5051 MSB	Fri – 2/12/2021	CV/Renal Drugs – anti-anginal and heart failure (Chapters 11, 12)	
6	5051 MSB	Mon – 2/15/2021	CV/Renal Drugs – diuretics and anti-arrhythmics (Chapters 13, 14)	
6	5051 MSB	Wed – 2/17/2021	CV/Renal Drugs – hyperlipidemia drugs (Chapter 15)	
6	5051 MSB	Fri – 2/19/2021	CV/Renal Drugs – anticoagulant, and hematopoietic drugs (Chapters 16, 17)	
7	5051 MSB	Mon – 2/22/2021	Exam 2	20% of grade
7	5051 MSB	Wed – 2/24/2021	CNS introduction (Chapter 18)	
7	5051 MSB	Fri – 2/26/2021	CNS drugs I - Sedative hypnotic, anxiolytic and antiepileptic Drugs (Chapters 19 and 20)	
8	5051 MSB	Mon – 3/1/2021	CNS drugs II - Local and general anesthetics (Chapter 21)	
8	5051 MSB	Wed – 3/3/2021	CNS drugs III - Psychotherapeutic drugs (Chapter 22)	
8	5051 MSB	Fri – 3/5/2021	CNS IV - Opioids and drugs for neurodegenerative diseases (Chapter 23 and 24)	
9	5051 MSB	Mon – 3/8/2021	CNS drugs IV – Drugs of abuse (Chapter 25)	
9	5051 MSB	Wed – 3/10/2021	Autacoids and drugs for respiratory tract disorders (Chapters 26 and 27)	
9	5051 MSB	Fri – 3/12/2021	Gastrointestinal drugs (Chapter 28)	
10	5051 MSB	Mon – 3/15/2021	Exam 3	20% of grade
10	5051 MSB	Wed – 3/17/2021	Headache and Drugs for pain and inflammation (Chapters 29-30)	
10	5051 MSB	Fri – 3/19/2021	Endocrine Drugs I – Hypothalamic/ pituitary drugs (Chapter 31)	
11	5051 MSB	Mon – 3/22/2021	Endocrine Drugs II – Thyroid and adrenal steroid drugs (Chapters 32 and 33)	
11	5051 MSB	Wed – 3/24/2021	No Class	UC Reading Day
11	5051 MSB	Fri – 3/26/2021	Endocrine Drugs III – Oral contraceptives and fertility (Chapter 34)	
12	5051 MSB	Mon – 3/29/2021	Endocrine Drugs IV – Diabetes and bone drugs (Chapters 35 and 36)	
12	5051 MSB	Wed – 3/31/2021	Principles of Antimicrobial therapy (Chapter 37)	
12	5051 MSB	Fri – 4/2/2021	Cell wall and protein synthesis inhibiting antibiotics (Chapters 38-39)	
13	5051 MSB	Mon – 4/5/2021	Other antibacterial drugs (Chapters 40-41)	
13	5051 MSB	Wed – 4/7/2021	Anti-fungal drugs (Chapter 42)	
13	5051 MSB	Fri – 4/9/2021	Anti-viral drugs (Chapter 43)	
14	5051 MSB	Mon – 4/12/2021	Anti-parasitic drugs (Chapter 44)	
14	5051 MSB	Wed – 4/14/2021	Antineoplastics and Immunopharmacology (Chapter 45)	
14	5051 MSB	Fri – 4/16/2021	Review/make-up session???	
15	5051 MSB	Mon – 4/19/2021	Review/make-up session???	
15	5051 MSB	Wed – 4/21/2021	Review/make-up session???	
	XXXX MSB	??? 12:00-2:00pm ???	Exam 4 / Final Exam	40% of grade