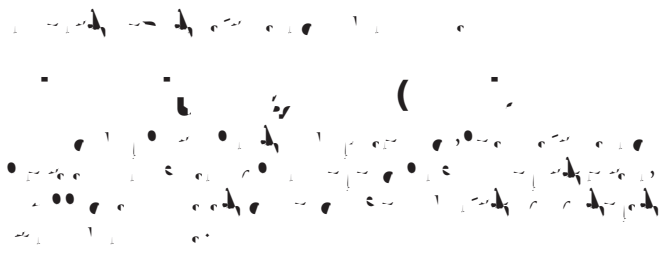
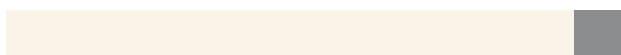


# Pharmacokinetics

Pharmacokinetics is the study of the time course of drug concentration in the body. It involves the processes of absorption, distribution, metabolism, and excretion. The primary goal is to determine the relationship between the dose administered and the resulting drug concentration in the plasma over time.





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Handwritten notes in the bottom-left section, including a circled 'j' and some illegible text.

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( j j )



$\frac{1}{2} \times 100 = 50\%$   
 $4 \times 10 = 40$   
 $33E$

$\frac{1}{2} \times 100 = 50\%$   
 $4 \times 10 = 40$   
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$\frac{1}{2} \times 100 = 50\%$   
 $4 \times 10 = 40$   
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$\frac{1}{2} \times 100 = 50\%$   
 $4 \times 10 = 40$   
 $33E$

1.  $\frac{1}{2} \times 100 = 50\%$
2.  $\frac{1}{2} \times 100 = 50\%$



BPE: Board-preparatory elective  
NBPE: Non board-preparatory elective

**510. Advanced Human Gross Anatomy (3)**  
221 & 222

10

**505. Applied Anatomy & Physiology I (3)**

0

**507. Applied Anatomy & Physiology II (3)**

221, 222

**510. Advanced Human Gross Anatomy (3)**

0 & 0, 221 & 222.  
10

**514. Immune Response to Infectious Disease (3) F**

4

**505. Applied Anatomy & Physiology I (3)**

0

**507. Applied Anatomy & Physiology II (3)**

221, 222

**707. Pain Management (2) (BPE)**

• **2.0** Explain the pathophysiology of pain and the role of the nurse in pain management.  
• **2.1** Describe the role of the nurse in pain management.  
• **2.2** Describe the role of the nurse in pain management.  
• **2.3** Describe the role of the nurse in pain management.

**708. Self-Care/Counseling (2) (BPE)**

• **2.0** Explain the pathophysiology of self-care and counseling and the role of the nurse in self-care and counseling.  
• **2.1** Describe the role of the nurse in self-care and counseling.  
• **2.2** Describe the role of the nurse in self-care and counseling.  
• **2.3** Describe the role of the nurse in self-care and counseling.

**709. Drugs of Abuse (2)**

• **2.0** Explain the pathophysiology of drugs of abuse and the role of the nurse in drugs of abuse.  
• **2.1** Describe the role of the nurse in drugs of abuse.  
• **2.2** Describe the role of the nurse in drugs of abuse.  
• **2.3** Describe the role of the nurse in drugs of abuse.

**710. Medical Terminology (1)**

• **1.0** Explain the pathophysiology of medical terminology and the role of the nurse in medical terminology.  
• **1.1** Describe the role of the nurse in medical terminology.  
• **1.2** Describe the role of the nurse in medical terminology.  
• **1.3** Describe the role of the nurse in medical terminology.

**711. Health Care and Missions (2) (NBPE)**

• **2.0** Explain the pathophysiology of health care and missions and the role of the nurse in health care and missions.  
• **2.1** Describe the role of the nurse in health care and missions.  
• **2.2** Describe the role of the nurse in health care and missions.  
• **2.3** Describe the role of the nurse in health care and missions.

**712. Oncology (2) (BPE)**

• **2.0** Explain the pathophysiology of oncology and the role of the nurse in oncology.  
• **2.1** Describe the role of the nurse in oncology.  
• **2.2** Describe the role of the nurse in oncology.  
• **2.3** Describe the role of the nurse in oncology.

**713. Critical Care (2) (BPE)**

• **2.0** Explain the pathophysiology of critical care and the role of the nurse in critical care.  
• **2.1** Describe the role of the nurse in critical care.  
• **2.2** Describe the role of the nurse in critical care.  
• **2.3** Describe the role of the nurse in critical care.

**716. Principles of Pharmaceutical Sciences (2)**

• **2.0** Explain the pathophysiology of pharmaceutical sciences and the role of the nurse in pharmaceutical sciences.  
• **2.1** Describe the role of the nurse in pharmaceutical sciences.  
• **2.2** Describe the role of the nurse in pharmaceutical sciences.  
• **2.3** Describe the role of the nurse in pharmaceutical sciences.

**717. Advanced Pain Management (2) (BPE)**

• **2.0** Explain the pathophysiology of advanced pain management and the role of the nurse in advanced pain management.  
• **2.1** Describe the role of the nurse in advanced pain management.  
• **2.2** Describe the role of the nurse in advanced pain management.  
• **2.3** Describe the role of the nurse in advanced pain management.

**718. Non-Prescription Drugs/Counseling (3)**

• **3.0** Explain the pathophysiology of non-prescription drugs/counseling and the role of the nurse in non-prescription drugs/counseling.  
• **3.1** Describe the role of the nurse in non-prescription drugs/counseling.  
• **3.2** Describe the role of the nurse in non-prescription drugs/counseling.  
• **3.3** Describe the role of the nurse in non-prescription drugs/counseling.

**719. Pharmacology Research (2) (P1ui0 0 0 1s 11e3go0 0 11ation/S)**





**739. Clinical Laboratory Medicine (1)**

**740. Pharmacotherapy I (3)**

**741. Pharmacotherapy II (3)**

**744. Pharmacy Jurisprudence (2)**

**745. Medication Therapy Management (2) (BPE)**

**746. Introduction to Community Practice II (2)**

**748. Introduction to Institutional Pharmacy Practice II (2)**

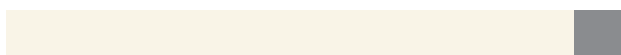
**750. Pharmacotherapy III (3)**

**751. Pharmacotherapy IV (3)**

**752. Christian Faith and Pharmacy (2)**

**753. Social and Behavioral Research Design I (2)  
(NBPE)**

**754. Social and Behavioral Research Design II (2)  
(NBPE)**





**777. Pediatric Pharmacotherapy (2) (BPE)**

777. Pediatric Pharmacotherapy (2) (BPE)

**778. Drug-Induced Diseases (2) (BPE)**

778. Drug-Induced Diseases (2) (BPE)

**779. External Domestic Study Programs (1-4)**

779. External Domestic Study Programs (1-4)

**779PF. External Domestic Study Programs (Pass/Fail) As Needed**

779PF. External Domestic Study Programs (Pass/Fail) As Needed

**780. Study Abroad Programs (1-4)**

780. Study Abroad Programs (1-4)

**780PF. Study Abroad Programs (Pass/Fail) As Needed**

780PF. Study Abroad Programs (Pass/Fail) As Needed

**781. Advanced Self-Care (2) (BPE)**

781. Advanced Self-Care (2) (BPE)

**782. Women's Health (2) (BPE)**

782. Women's Health (2) (BPE)

**783. Medical Mission Team Leadership (2) (NBPE)**

783. Medical Mission Team Leadership (2) (NBPE)



730H. Nutrition  
730J. Psychiatry  
730K. Geriatrics  
730L. AIDS Care  
730M. Emergency Medicine  
730N. Surgery  
730P. Transplant  
730R. Institutional MTM  
730S. Neurology  
730U. Geriatric Team Practice  
730V. Hospice/Palliative Care  
730W. Long Term Care

**740. Practice Management (4 each)**

740A. Institutional Practice Management  
740B. Community Practice Management  
740D. Management Clinical Practice  
740E. Pharmacy Association Management

**750. Specialty Pharmacy Practice (4 each)**

750A. Home Infusion  
750C. Managed Care  
750D. Sterile Products  
750E. Pharmaceutical Industry/Medical Affairs  
750F. Drug Information  
750G. Medication Safety  
750J. Pharmacy Compounding  
750K. Nuclear Pharmacy Practice  
750M. Specialty Pharmacy Practice  
750N. Pharmacy Informatics  
750P. Medical Missions  
750R. Veterinary Pharmacy Practice  
750S. Pharmacy Telemedicine

**770. Pharmacy Research (4 each)**

770A. Drug Design and Synthesis  
770B. Pharmacology Research  
770C. Pharmaceutics Research  
770D. Pharmacy Administration  
770E. Pedagogy