

**Ankara University  
Library and Documentation Center**

**Open Courseware**

**Working Plan**

<b>Weeks</b>	<b>Topics</b>
<b>1. Week</b>	General Introduction - Definitions (definition of endocrine system and hormones). The basic functions of hormones, developments on neurohormones and stem cell, classification of hormones and their basic functions, general synthesis methods of hormones, endocrine disorders and basic approaches in treatment, hypothalamic hormones, hormones released from the pituitary gland, gonadotropin hormones, neurohypophysis, hormones
<b>2. Week</b>	Steroid hormones and their chemical structures, adrenal cortex hormones, ovarian ((female sex) hormones, estrogenic hormones, estrogens with various characteristics, conjugated estrogens, nonsteroidal estrogens
<b>3. Week</b>	Gestagenic hormones, Contraception and 19-nor steroids, androgen hormones, Effects of androgens non sexual specific
<b>4. Week</b>	Anabolics and doping, androstane group anabolics, testosterone anabolics, Thyroid
<b>5. Week</b>	Pancreatic hormones-insulin, general information about glucagon, oral antidiabetics
<b>6. Week</b>	Oral antidiabetics, enzyme inhibitors, antihypoglycemics
<b>7. Week</b>	General information about the respiratory system, mucolytics
<b>8. Week</b>	Expectorants, antitussives
<b>9. Week</b>	Midterm exam
<b>10. Week</b>	Drugs acting on the digestive system, digestive system enzymes
<b>11. Week</b>	Medications used in ulcer treatment - Antacids - Drugs that reduce acid secretion - Histamine H2-receptor blockers
<b>12. Week</b>	Medications used in ulcer treatment - Proton pump-inhibiting drugs - Antimuscarinic drugs - Protective film-forming drugs
<b>13. Week</b>	Emetic and antiemetics -Laxatives and purgatives
<b>14. Week</b>	Prokinetic compounds -Antidiarrheal compounds