

**1 course, 1 semester**

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>
<b>1</b>	<b>Biology</b>	<b>Normal anatomy</b>	<b>Normal anatomy</b>	<b>Jurisprudence</b>	<b>General chemistry</b>	<b>Biology</b>
	Lecture # 4 The inheritance on cellular and molecular levels. Thomas Morgan experiment. The chromosomal theory. Lecture # 5 Biology of development. Periods. Types.  Audesirk, Teresa and Audesirk, Gerald, Biology, Life on Earth, 5th Ed., Prentice-Hall, 1999.	Bone and joint of vertebral column.	Bone and joint of upper limbs.		1. Thermodynamics. 2. Kinetics: rate laws. 3. Solutions. 4. Buffer systems.	Lecture #6 Variation and its forms. Mutation. Types.  Karp, Gerald, Cell and Molecular Biology, 5th Ed., Wiley, 2008.
	<b>Jalilova A.A.</b>	<b>Nadeem Kashif</b>	<b>Nadeem Kashif</b>		<b>Samarkulov A.</b>	<b>Samarkulov A.</b>
	Biology molecular basis of Inheritance part 1 (introduction, DNA, RNA), <a href="https://youtu.be/f3dtqk1f320">https://youtu.be/f3dtqk1f320</a> (4,5,6,7 lectures) Online Developmental Biology: Overview of the Field <a href="https://youtu.be/dTjK9e6MvXw">https://youtu.be/dTjK9e6MvXw</a>	video + Bone and joint of vertebral column.  <a href="https://www.Grays-Anatomy-Human-Body-30th/dp/081210644X">https://www.Grays-Anatomy-Human-Body-30th/dp/081210644X</a>	video + Bone and joint of upper limbs.  <a href="https://www.Grays-Anatomy-Human-Body-30th/dp/081210644X">https://www.Grays-Anatomy-Human-Body-30th/dp/081210644X</a>		<a href="https://youtu.be/OjhZYx1Fbhl">https://youtu.be/OjhZYx1Fbhl</a> <a href="https://youtu.be/B7iFcW8USiQ">https://youtu.be/B7iFcW8USiQ</a> <a href="https://youtu.be/caonmXHGB60">https://youtu.be/caonmXHGB60</a> <a href="https://ocw.mit.edu/courses/chemistry/5-111-principles-of-chemical-science-fall-2008/video-lectures/lecture-22/">https://ocw.mit.edu/courses/chemistry/5-111-principles-of-chemical-science-fall-2008/video-lectures/lecture-22/</a>	Biology molecular basis of Inheritance part 1 (introduction, DNA, RNA), <a href="https://youtu.be/f3dtqk1f320">https://youtu.be/f3dtqk1f320</a> (4,5,6,7 lectures) Online Developmental Biology: Overview of the Field <a href="https://youtu.be/dTjK9e6MvXw">https://youtu.be/dTjK9e6MvXw</a>
<b>2</b>	<b>Histology</b>	<b>Histology</b>	<b>Histology</b>	<b>Medical physics</b>	<b>Bioorganic chemistry</b>	<b>Bioorganic chemistry</b>
	<b>Epithelium.</b>	<b>Glands</b>	<b>Connective tissue</b>		1. <b>Proteins.</b> 2. <b>Enzymes and catalysis.</b>	1. <b>Lipids</b> 2. <b>Carbohydrates.</b>
	video – histology. <b>Junqueira's Basic Histology: Text and Atlas, Fourteenth Edition Paperback – 2015</b> by <b>Anthony Mescher</b> (Author) <a href="https://www.Junqueiras-Basic-Histology-Atlas-Fourteenth/dp/0071842705">https://www.Junqueiras-Basic-Histology-Atlas-Fourteenth/dp/0071842705</a>	video – histology. <b>Junqueira's Basic Histology: Text and Atlas, Fourteenth Edition Paperback – 2015</b> by <b>Anthony Mescher</b> (Author) <a href="https://www.Junqueiras-Basic-Histology-Atlas-Fourteenth/dp/0071842705">https://www.Junqueiras-Basic-Histology-Atlas-Fourteenth/dp/0071842705</a>	video – histology. <b>Junqueira's Basic Histology: Text and Atlas, Fourteenth Edition Paperback – 2015</b> by <b>Anthony Mescher</b> (Author) <a href="https://www.Junqueiras-Basic-Histology-Atlas-Fourteenth/dp/0071842705">https://www.Junqueiras-Basic-Histology-Atlas-Fourteenth/dp/0071842705</a>		<a href="https://ocw.mit.edu/courses/chemistry/5-111-principles-of-chemical-science-fall-2008/video-lectures/lecture-26/">https://ocw.mit.edu/courses/chemistry/5-111-principles-of-chemical-science-fall-2008/video-lectures/lecture-26/</a> <a href="https://youtu.be/nk6ApPQaRv0">https://youtu.be/nk6ApPQaRv0</a> <a href="https://youtu.be/W4KAbbVNMxc">https://youtu.be/W4KAbbVNMxc</a>	<a href="https://ocw.mit.edu/courses/chemistry/5-111-principles-of-chemical-science-fall-2008/video-lectures/lecture-26/">https://ocw.mit.edu/courses/chemistry/5-111-principles-of-chemical-science-fall-2008/video-lectures/lecture-26/</a> <a href="https://youtu.be/nk6ApPQaRv0">https://youtu.be/nk6ApPQaRv0</a> <a href="https://youtu.be/W4KAbbVNMxc">https://youtu.be/W4KAbbVNMxc</a>
	Nadeem Asif	Nadeem Asif	Nadeem Asif		Samarkulov A.	Samarkulov A.
<b>3</b>	<b>Physiology</b>	<b>Physiology</b>	<b>Physiology</b>	<b>Biology</b>		
	<b>Body fluid and compartments</b>	<b>Body fluid and compartments</b>	<b>Body fluid and compartments</b>	<b>Lecture # 7</b> Ecology fundamentals. Human ecology.		

	<a href="https://video.imu.edu.kg/video/129">https://video.imu.edu.kg/video/129</a>	<a href="https://video.imu.edu.kg/video/129">https://video.imu.edu.kg/video/129</a>	Lodish; Harvey with Berk, Matsudaira, Kaiser, Krieger, Scott, Zipursky and Darnell , Molecular Cell Biology, 5th edn, W.H. Freeman and Company,2004.		
<b>Nadeem Asif</b>	<b>Nadeem Asif</b>	<b>Nadeem Asif</b>	<b>Jalilova A.A.</b>		
<p>video + <b>Body fluid and compartments physiology by Gaytan</b>  1600 John F. Kennedy Blvd.Ste 1800Philadelphia, PA 19103-2899GUYTON AND HALL TEXTBOOK OF MEDICAL PHYSIOLOGY,THIRTEENTH EDITIONISBN: 978-1-4557-7005-2INTERNATIONAL EDITION ISBN: 978-1-4557-7016-8  <b>Copyright © 2016 by Elsevier, Inc. All rights reserved.</b>  website:<a href="http://www.elsevier.com/permissions">www.elsevier.com/permissions</a>. is</p>	<p>video + <b>Body fluid and compartments</b>  physiology by Gaytan  1600 John F. Kennedy Blvd.Ste 1800Philadelphia, PA 19103-2899GUYTON AND HALL TEXTBOOK OF MEDICAL PHYSIOLOGY,THIRTEENTH EDITIONISBN: 978-1-4557-7005-2INTERNATIONAL EDITION ISBN: 978-1-4557-7016-8  Copyright © 2016 by Elsevier, Inc. All rights reserved.  website:<a href="http://www.elsevier.com/permissions">www.elsevier.com/permissions</a>. is</p>	<p>video + <b>Body fluid and compartments</b>  physiology by Gaytan  1600 John F. Kennedy Blvd.Ste 1800Philadelphia, PA 19103-2899GUYTON AND HALL TEXTBOOK OF MEDICAL PHYSIOLOGY,THIRTEENTH EDITIONISBN: 978-1-4557-7005-2INTERNATIONAL EDITION ISBN: 978-1-4557-7016-8  Copyright © 2016 by Elsevier, Inc. All rights reserved.  website:<a href="http://www.elsevier.com/permissions">www.elsevier.com/permissions</a>. is</p>	<p>Biology molecular basis of Inheritance part 1 (introduction, DNA, RNA),  <a href="https://youtu.be/f3dtqk1f320">https://youtu.be/f3dtqk1f320</a>  (4,5,6,7 lectures)  Online Developmental Biology: Overview of the Field  <a href="https://youtu.be/dTjK9e6MvXw">https://youtu.be/dTjK9e6MvXw</a></p>		