

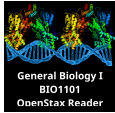


The following lectures are covered on the fourth exam.

The following lecture schedule contains links to the book sections from [Biology](#) from OpenStax College ([CC-BY 4.0](#))

**Examination III** (Lectures 14-21 inclusive)

<b>Week</b>	<b>Lectures</b>	<b>Topic with link to Openstax pages</b>	<b>Openlab Supplement</b>
XII	23.	<a href="#">GENETICS I</a> Gregor Mendel Mendel's Law Human Genetics Disorders	<a href="#">Mendelian Genetics</a>
	24.	<a href="#">GENETICS II</a> Extending the Range of Mendelian Genetics Multiple Allelic Traits Incomplete Dominance Pleiotropy Polygenic Inheritance X-Linked Inheritance Environmental Influences	<a href="#">Non-Mendelian Genetics</a>
XIII	25.	<a href="#">DNA</a> The Genetic Material DNA Structure DNA Replication Prokaryotic versus Eukaryotic Replication	<a href="#">DNA</a>
	26.	<a href="#">GENE FUNCTION</a> The Genetic Code Transcription Translation Structure of the Eukaryotic Chromosome	<a href="#">Gene structure and function</a>



- XIV 27. GENETIC REGULATION  
Prokaryotic  
Eukaryotic  
Regulation Through Mutations
- [Gene Regulation](#)

28. BIOTECHNOLOGY & GENOMICS  
DNA Cloning  
Biotechnology Products  
Gene Therapy  
Genomics
- [Biotechnology and Genomics](#)

- XV 29. ANIMAL DEVELOPMENT Early Developmental Stages  
Developmental Processes  
Human Embryonic and Fetal Development

30. **Examination IV** (Lectures 23-29 inclusive)