



**Program:** *Biology: The Fabric of Life (BIOL 101 - General Biology)*

**Start Date:** January 15, 2005

**End Date:** May 20, 2005

**Program Airs on ETV:** **Saturday 10:00-11:30pm**  
**Monday, Wednesday, Friday 9:30-10:00am**  
**Friday Midnight-1:30am**

Ch.	Date	Start Time	End Time	Program(s)
ETV	January 15, 2005	10:00 PM	11:30 PM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	January 17, 2005	9:30 AM	10:00 AM	1: The Nature of Science
ETV	January 19, 2005	9:30 AM	10:00 AM	2: Basic Chemistry: Atomic Structure
ETV	January 21, 2005	12:00 AM	1:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	January 21, 2005	9:30 AM	10:00 AM	3: Basic Chemistry: Chemical Bonding & Reactions
ETV	January 22, 2005	10:00 PM	11:30 PM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	January 24, 2005	9:30 AM	10:00 AM	1: The Nature of Science
ETV	January 26, 2005	9:30 AM	10:00 AM	2: Basic Chemistry: Atomic Structure
ETV	January 28, 2005	12:00 AM	1:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	January 28, 2005	9:30 AM	10:00 AM	3: Basic Chemistry: Chemical Bonding & Reactions
ETV	January 29, 2005	10:00 PM	11:30 PM	4: Biochemistry: General Concepts & Important Inorganics 5: Biochemistry: Carbohydrates & Proteins 6: Biochemistry: Protein & Lipids
ETV	January 31, 2005	9:30 AM	10:00 AM	4: Biochemistry: General Concepts & Important Inorganics
ETV	February 2, 2005	9:30 AM	10:00 AM	5: Biochemistry: Carbohydrates & Proteins
ETV	February 4, 2005	12:00 AM	1:30 AM	4: Biochemistry: General Concepts & Important Inorganics 5: Biochemistry: Carbohydrates & Proteins 6: Biochemistry: Protein & Lipids
ETV	February 4, 2005	9:30 AM	10:00 AM	6: Biochemistry: Protein & Lipids
ETV	February 5, 2005	10:00 PM	11:30 PM	7: Plasma Membranes & Solutions 8: Cells and Their Structures 9: Energetics: An Overview
ETV	February 7, 2005	9:30 AM	10:00 AM	7: Plasma Membranes & Solutions
ETV	February 9, 2005	9:30 AM	10:00 AM	8: Cells and Their Structures
ETV	February 11, 2005	12:00 AM	1:30 AM	7: Plasma Membranes & Solutions 8: Cells and Their Structures 9: Energetics: An Overview
ETV	February 11, 2005	9:30 AM	10:00 AM	9: Energetics: An Overview



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ETV	February 12, 2005	10:00 PM	11:30 PM	10: Energetics: Pieces of the Energy Puzzle 11: Energetics: Photosynthesis 12: The Cellular Oxidation of Glucose
ETV	February 14, 2005	9:30 AM	10:00 AM	10: Energetics: Pieces of the Energy Puzzle
ETV	February 16, 2005	9:30 AM	10:00 AM	11: Energetics: Photosynthesis
ETV	February 18, 2005	12:00 AM	1:30 AM	10: Energetics: Pieces of the Energy Puzzle 11: Energetics: Photosynthesis 12: The Cellular Oxidation of Glucose
ETV	February 18, 2005	9:30 AM	10:00 AM	12: The Cellular Oxidation of Glucose
ETV	February 19, 2005	10:00 PM	11:30 PM	13: DNA Structure and Transcription 14: Mutation and Translation 15: Control of Gene Expression and Chromosome Replication
ETV	February 21, 2005	9:30 AM	10:00 AM	13: DNA Structure and Transcription
ETV	February 23, 2005	9:30 AM	10:00 AM	14: Mutation and Translation
ETV	February 25, 2005	12:00 AM	1:30 AM	13: DNA Structure and Transcription 14: Mutation and Translation 15: Control of Gene Expression and Chromosome Replication
ETV	February 25, 2005	9:30 AM	10:00 AM	15: Control of Gene Expression and Chromosome Replication
ETV	February 26, 2005	10:00 PM	11:30 PM	16: Mitosis 17: Meiosis and Sexual Reproduction 18: Mendel and Single Trait Inheritance
ETV	February 28, 2005	9:30 AM	10:00 AM	16: Mitosis
ETV	March 2, 2005	9:30 AM	10:00 AM	17: Meiosis and Sexual Reproduction
ETV	March 4, 2005	12:00 AM	1:30 AM	16: Mitosis 17: Meiosis and Sexual Reproduction 18: Mendel and Single Trait Inheritance
ETV	March 4, 2005	9:30 AM	10:00 AM	18: Mendel and Single Trait Inheritance
ETV	March 5, 2005	10:00 PM	11:30 PM	19: Solving Problems and Multiple Trait Inheritance 20: Multiple Trait Inheritance, Epistasis 21: X-Linked Traits, Imprinting and More
ETV	March 7, 2005	9:30 AM	10:00 AM	19: Solving Problems and Multiple Trait Inheritance
ETV	March 9, 2005	9:30 AM	10:00 AM	20: Multiple Trait Inheritance, Epistasis
ETV	March 11, 2005	12:00 AM	1:30 AM	19: Solving Problems and Multiple Trait Inheritance 20: Multiple Trait Inheritance, Epistasis 21: X-Linked Traits, Imprinting and More
ETV	March 11, 2005	9:30 AM	10:00 AM	21: X-Linked Traits, Imprinting and More



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Ch.	Date	Start Time	End Time	Program(s)
ETV	March 12, 2005	10:00 PM	11:30 PM	22: Genetic Technology 23: More Genetic Technology 24: Origin of Life and Evolution of Theory
ETV	March 14, 2005	9:30 AM	10:00 AM	22: Genetic Technology
ETV	March 16, 2005	9:30 AM	10:00 AM	23: More Genetic Technology
ETV	March 18, 2005	12:00 AM	1:30 AM	22: Genetic Technology 23: More Genetic Technology 24: Origin of Life and Evolution of Theory
ETV	March 18, 2005	9:30 AM	10:00 AM	24: Origin of Life and Evolution of Theory
ETV	March 19, 2005	10:00 PM	11:30 PM	25: Modern Theory and Speciation 26 : The Evidence for a Common Ancestry 27: More Evidence and Human Evolution
ETV	March 21, 2005	9:30 AM	10:00 AM	25: Modern Theory and Speciation
ETV	March 23, 2005	9:30 AM	10:00 AM	26 : The Evidence for a Common Ancestry
ETV	March 25, 2005	12:00 AM	1:30 AM	25: Modern Theory and Speciation 26 : The Evidence for a Common Ancestry 27: More Evidence and Human Evolution
ETV	March 25, 2005	9:30 AM	10:00 AM	27: More Evidence and Human Evolution
ETV	March 26, 2005	10:00 PM	11:30 PM	28: Classification and Monerans 29: Protists, Fungi and Plant Life Cycles 30: Vascular Tissues and Primitive Plants
ETV	March 28, 2005	9:30 AM	10:00 AM	28: Classification and Monerans
ETV	March 30, 2005	9:30 AM	10:00 AM	29: Protists, Fungi and Plant Life Cycles
ETV	April 1, 2005	12:00 AM	1:30 AM	28: Classification and Monerans 29: Protists, Fungi and Plant Life Cycles 30: Vascular Tissues and Primitive Plants
ETV	April 1, 2005	9:30 AM	10:00 AM	30: Vascular Tissues and Primitive Plants
ETV	April 2, 2005	10:00 PM	11:30 PM	31: Advanced Plants 32: Animal Diversity-Part One 33: Animal Diversity-Part Two
ETV	April 4, 2005	9:30 AM	10:00 AM	31: Advanced Plants
ETV	April 6, 2005	9:30 AM	10:00 AM	32: Animal Diversity-Part One
ETV	April 8, 2005	12:00 AM	1:30 AM	31: Advanced Plants 32: Animal Diversity-Part One 33: Animal Diversity-Part Two
ETV	April 8, 2005	9:30 AM	10:00 AM	33: Animal Diversity-Part Two



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ETV	April 9, 2005	10:00 PM	11:30 PM	34: Population Dynamics 35: Population Control 36: Ecosystem Structure and Common Biomes
ETV	April 11, 2005	9:30 AM	10:00 AM	34: Population Dynamics
ETV	April 13, 2005	9:30 AM	10:00 AM	35: Population Control
ETV	April 15, 2005	12:00 AM	1:30 AM	34: Population Dynamics 35: Population Control 36: Ecosystem Structure and Common Biomes
ETV	April 15, 2005	9:30 AM	10:00 AM	36: Ecosystem Structure and Common Biomes
ETV	April 16, 2005	10:00 PM	11:30 PM	37: Chemical Cycling and Succession 38: Ecosystem Dynamics and Species Under Siege 39: Global Warming and Ozone Depletion
ETV	April 18, 2005	9:30 AM	10:00 AM	37: Chemical Cycling and Succession
ETV	April 20, 2005	9:30 AM	10:00 AM	38: Ecosystem Dynamics and Species Under Siege
ETV	April 22, 2005	12:00 AM	1:30 AM	37: Chemical Cycling and Succession 38: Ecosystem Dynamics and Species Under Siege 39: Global Warming and Ozone Depletion
ETV	April 22, 2005	9:30 AM	10:00 AM	39: Global Warming and Ozone Depletion
ETV	April 23, 2005	10:00 PM	11:30 PM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	April 25, 2005	9:30 AM	10:00 AM	1: The Nature of Science
ETV	April 27, 2005	9:30 AM	10:00 AM	2: Basic Chemistry: Atomic Structure
ETV	April 29, 2005	12:00 AM	1:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	April 29, 2005	9:30 AM	10:00 AM	3: Basic Chemistry: Chemical Bonding & Reactions
ETV	April 30, 2005	10:00 PM	11:30 PM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	May 2, 2005	9:30 AM	10:00 AM	1: The Nature of Science
ETV	May 4, 2005	9:30 AM	10:00 AM	2: Basic Chemistry: Atomic Structure
ETV	May 6, 2005	12:00 AM	1:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	May 6, 2005	9:30 AM	10:00 AM	3: Basic Chemistry: Chemical Bonding & Reactions



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ETV	May 7, 2005	10:00 PM	11:30 PM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	May 9, 2005	9:30 AM	10:00 AM	1: The Nature of Science
ETV	May 11, 2005	9:30 AM	10:00 AM	2: Basic Chemistry: Atomic Structure
ETV	May 13, 2005	12:00 AM	1:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	May 13, 2005	9:30 AM	10:00 AM	3: Basic Chemistry: Chemical Bonding & Reactions
ETV	May 14, 2005	10:00 PM	11:30 PM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	May 16, 2005	9:30 AM	10:00 AM	1: The Nature of Science
ETV	May 18, 2005	9:30 AM	10:00 AM	2: Basic Chemistry: Atomic Structure
ETV	May 20, 2005	12:00 AM	1:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
ETV	May 20, 2005	9:30 AM	10:00 AM	3: Basic Chemistry: Chemical Bonding & Reactions