



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

**Start Date:** August 24, 2008

**End Date:** December 19, 2008

**Program Airs on PCTV:** Sunday 9:30a.m. - 11:00a.m.  
Monday/Friday 2:00a.m. - 3:30a.m.  
Monday, Wednesday, Friday 9:30a.m. - 10:00a.m.

**Program Airs on ITV:** Sunday 9:30a.m. - 11:00a.m.

Ch.	Date	Start Time	End Time	Program(s)
ITV	August 24, 2008	9:30 AM	11:00 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
PCTV	August 24, 2007	2:00 AM	3:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
PCTV	August 25, 2008	9:30 AM	10:00 AM	1: The Nature of Science
PCTV	August 27, 2008	9:30 AM	10:00 AM	2: Basic Chemistry: Atomic Structure
PCTV	August 29, 2008	2:00 AM	3:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
PCTV	August 29, 2008	9:30 AM	10:00 AM	3: Basic Chemistry: Chemical Bonding & Reactions
ITV	August 31, 2008	9:30 AM	11:00 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
PCTV	August 31, 2007	2:00 AM	3:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
PCTV	September 1, 2008	9:30 AM	10:00 AM	1: The Nature of Science
PCTV	September 3, 2008	9:30 AM	10:00 AM	2: Basic Chemistry: Atomic Structure
PCTV	September 5, 2008	2:00 AM	3:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
PCTV	September 5, 2008	9:30 AM	10:00 AM	3: Basic Chemistry: Chemical Bonding & Reactions
ITV	September 7, 2008	9:30 AM	11:00 AM	4: Biochemistry: General Concepts & Important Inorganics 5: Biochemistry: Carbohydrates & Proteins 6: Biochemistry: Protein & Lipids
PCTV	September 7, 2007	2:00 AM	3:30 AM	4: Biochemistry: General Concepts & Important Inorganics 5: Biochemistry: Carbohydrates & Proteins 6: Biochemistry: Protein & Lipids
PCTV	September 8, 2008	9:30 AM	10:00 AM	4: Biochemistry: General Concepts & Important Inorganics
PCTV	September 10, 2008	9:30 AM	10:00 AM	5: Biochemistry: Carbohydrates & Proteins
PCTV	September 12, 2008	2:00 AM	3:30 AM	4: Biochemistry: General Concepts & Important Inorganics 5: Biochemistry: Carbohydrates & Proteins 6: Biochemistry: Protein & Lipids
PCTV	September 12, 2008	9:30 AM	10:00 AM	6: Biochemistry: Protein & Lipids



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Ch.	Date	Start Time	End Time	Program(s)
ITV	September 14, 2008	9:30 AM	11:00 AM	7: Plasma Membranes & Solutions 8: Cells and Their Structures 9: Energetics: An Overview
PCTV	September 14, 2007	2:00 AM	3:30 AM	7: Plasma Membranes & Solutions 8: Cells and Their Structures 9: Energetics: An Overview
PCTV	September 15, 2008	9:30 AM	10:00 AM	7: Plasma Membranes & Solutions
PCTV	September 17, 2008	9:30 AM	10:00 AM	8: Cells and Their Structures
PCTV	September 19, 2008	2:00 AM	3:30 AM	7: Plasma Membranes & Solutions 8: Cells and Their Structures 9: Energetics: An Overview
PCTV	September 19, 2008	9:30 AM	10:00 AM	9: Energetics: An Overview
ITV	September 21, 2008	9:30 AM	11:00 AM	10: Energetics: Pieces of the Energy Puzzle 11: Energetics: Photosynthesis 12: The Cellular Oxidation of Glucose
PCTV	September 21, 2007	2:00 AM	3:30 AM	10: Energetics: Pieces of the Energy Puzzle 11: Energetics: Photosynthesis 12: The Cellular Oxidation of Glucose
PCTV	September 22, 2008	9:30 AM	10:00 AM	10: Energetics: Pieces of the Energy Puzzle
PCTV	September 24, 2008	9:30 AM	10:00 AM	11: Energetics: Photosynthesis
PCTV	September 26, 2008	2:00 AM	3:30 AM	10: Energetics: Pieces of the Energy Puzzle 11: Energetics: Photosynthesis 12: The Cellular Oxidation of Glucose
PCTV	September 26, 2008	9:30 AM	10:00 AM	12: The Cellular Oxidation of Glucose
ITV	September 28, 2008	9:30 AM	11:00 AM	13: DNA Structure and Transcription 14: Mutation and Translation 15: Control of Gene Expression and Chromosome Replication
PCTV	September 28, 2007	2:00 AM	3:30 AM	13: DNA Structure and Transcription 14: Mutation and Translation 15: Control of Gene Expression and Chromosome Replication
PCTV	September 29, 2008	9:30 AM	10:00 AM	13: DNA Structure and Transcription
PCTV	October 1, 2008	9:30 AM	10:00 AM	14: Mutation and Translation
PCTV	October 3, 2008	2:00 AM	3:30 AM	13: DNA Structure and Transcription 14: Mutation and Translation 15: Control of Gene Expression and Chromosome Replication
PCTV	October 3, 2008	9:30 AM	10:00 AM	15: Control of Gene Expression and Chromosome Replication



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Ch.	Date	Start Time	End Time	Program(s)
ITV	October 5, 2008	9:30 AM	11:00 AM	16: Mitosis 17: Meiosis and Sexual Reproduction 18: Mendel and Single Trait Inheritance
PCTV	October 5, 2007	2:00 AM	3:30 AM	16: Mitosis 17: Meiosis and Sexual Reproduction 18: Mendel and Single Trait Inheritance
PCTV	October 6, 2008	9:30 AM	10:00 AM	16: Mitosis
PCTV	October 8, 2008	9:30 AM	10:00 AM	17: Meiosis and Sexual Reproduction
PCTV	October 10, 2008	2:00 AM	3:30 AM	16: Mitosis 17: Meiosis and Sexual Reproduction 18: Mendel and Single Trait Inheritance
PCTV	October 10, 2008	9:30 AM	10:00 AM	18: Mendel and Single Trait Inheritance
ITV	October 12, 2008	9:30 AM	11:00 AM	19: Solving Problems and Multiple Trait Inheritance 20: Multiple Trait Inheritance, Epistasis 21: X-Linked Traits, Imprinting and More
PCTV	October 12, 2007	2:00 AM	3:30 AM	19: Solving Problems and Multiple Trait Inheritance 20: Multiple Trait Inheritance, Epistasis 21: X-Linked Traits, Imprinting and More
PCTV	October 13, 2008	9:30 AM	10:00 AM	19: Solving Problems and Multiple Trait Inheritance
PCTV	October 15, 2008	9:30 AM	10:00 AM	20: Multiple Trait Inheritance, Epistasis
PCTV	October 17, 2008	2:00 AM	3:30 AM	19: Solving Problems and Multiple Trait Inheritance 20: Multiple Trait Inheritance, Epistasis 21: X-Linked Traits, Imprinting and More
PCTV	October 17, 2008	9:30 AM	10:00 AM	21: X-Linked Traits, Imprinting and More
ITV	October 19, 2008	9:30 AM	11:00 AM	22: Genetic Technology 23: More Genetic Technology 24: Origin of Life and Evolution of Theory
PCTV	October 19, 2007	2:00 AM	3:30 AM	22: Genetic Technology 23: More Genetic Technology 24: Origin of Life and Evolution of Theory
PCTV	October 20, 2008	9:30 AM	10:00 AM	22: Genetic Technology
PCTV	October 22, 2008	9:30 AM	10:00 AM	23: More Genetic Technology
PCTV	October 24, 2008	2:00 AM	3:30 AM	22: Genetic Technology 23: More Genetic Technology 24: Origin of Life and Evolution of Theory
PCTV	October 24, 2008	9:30 AM	10:00 AM	24: Origin of Life and Evolution of Theory



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Ch.	Date	Start Time	End Time	Program(s)
ITV	October 26, 2008	9:30 AM	11:00 AM	25: Modern Theory and Speciation 26 : The Evidence for a Common Ancestry 27: More Evidence and Human Evolution
PCTV	October 26, 2007	2:00 AM	3:30 AM	25: Modern Theory and Speciation 26 : The Evidence for a Common Ancestry 27: More Evidence and Human Evolution
PCTV	October 27, 2008	9:30 AM	10:00 AM	25: Modern Theory and Speciation
PCTV	October 29, 2008	9:30 AM	10:00 AM	26 : The Evidence for a Common Ancestry
PCTV	October 31, 2008	2:00 AM	3:30 AM	25: Modern Theory and Speciation 26 : The Evidence for a Common Ancestry 27: More Evidence and Human Evolution
PCTV	October 31, 2008	9:30 AM	10:00 AM	27: More Evidence and Human Evolution
ITV	November 2, 2008	9:30 AM	11:00 AM	28: Classification and Monerans 29: Protists, Fungi and Plant Life Cycles 30: Vascular Tissues and Primitive Plants
PCTV	November 2, 2007	2:00 AM	3:30 AM	28: Classification and Monerans 29: Protists, Fungi and Plant Life Cycles 30: Vascular Tissues and Primitive Plants
PCTV	November 3, 2008	9:30 AM	10:00 AM	28: Classification and Monerans
PCTV	November 5, 2008	9:30 AM	10:00 AM	29: Protists, Fungi and Plant Life Cycles
PCTV	November 7, 2008	2:00 AM	3:30 AM	28: Classification and Monerans 29: Protists, Fungi and Plant Life Cycles 30: Vascular Tissues and Primitive Plants
PCTV	November 7, 2008	9:30 AM	10:00 AM	30: Vascular Tissues and Primitive Plants
ITV	November 9, 2008	9:30 AM	11:00 AM	31: Advanced Plants 32: Animal Diversity-Part One 33: Animal Diversity-Part Two
PCTV	November 9, 2007	2:00 AM	3:30 AM	31: Advanced Plants 32: Animal Diversity-Part One 33: Animal Diversity-Part Two
PCTV	November 10, 2008	9:30 AM	10:00 AM	31: Advanced Plants
PCTV	November 12, 2008	9:30 AM	10:00 AM	32: Animal Diversity-Part One
PCTV	November 14, 2008	2:00 AM	3:30 AM	31: Advanced Plants 32: Animal Diversity-Part One 33: Animal Diversity-Part Two
PCTV	November 14, 2008	9:30 AM	10:00 AM	33: Animal Diversity-Part Two



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Ch.	Date	Start Time	End Time	Program(s)
ITV	November 16, 2008	9:30 AM	11:00 AM	34: Population Dynamics 35: Population Control 36: Ecosystem Structure and Common Biomes
PCTV	November 16, 2007	2:00 AM	3:30 AM	34: Population Dynamics 35: Population Control 36: Ecosystem Structure and Common Biomes
PCTV	November 17, 2008	9:30 AM	10:00 AM	34: Population Dynamics
PCTV	November 19, 2008	9:30 AM	10:00 AM	35: Population Control
PCTV	November 21, 2008	2:00 AM	3:30 AM	34: Population Dynamics 35: Population Control 36: Ecosystem Structure and Common Biomes
PCTV	November 21, 2008	9:30 AM	10:00 AM	36: Ecosystem Structure and Common Biomes
ITV	November 23, 2008	9:30 AM	11:00 AM	37: Chemical Cycling and Succession 38: Ecosystem Dynamics and Species Under Siege 39: Global Warming and Ozone Depletion
PCTV	November 23, 2007	2:00 AM	3:30 AM	37: Chemical Cycling and Succession 38: Ecosystem Dynamics and Species Under Siege 39: Global Warming and Ozone Depletion
PCTV	November 24, 2008	9:30 AM	10:00 AM	37: Chemical Cycling and Succession
PCTV	November 26, 2008	9:30 AM	10:00 AM	38: Ecosystem Dynamics and Species Under Siege
PCTV	November 28, 2008	2:00 AM	3:30 AM	37: Chemical Cycling and Succession 38: Ecosystem Dynamics and Species Under Siege 39: Global Warming and Ozone Depletion
PCTV	November 28, 2008	9:30 AM	10:00 AM	39: Global Warming and Ozone Depletion
ITV	November 30, 2008	9:30 AM	11:00 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
PCTV	November 30, 2007	2:00 AM	3:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
PCTV	December 1, 2008	9:30 AM	10:00 AM	1: The Nature of Science
PCTV	December 3, 2008	9:30 AM	10:00 AM	2: Basic Chemistry: Atomic Structure
PCTV	December 5, 2008	2:00 AM	3:30 AM	1: The Nature of Science 2: Basic Chemistry: Atomic Structure 3: Basic Chemistry: Chemical Bonding & Reactions
PCTV	December 5, 2008	9:30 AM	10:00 AM	3: Basic Chemistry: Chemical Bonding & Reactions



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**Program Airs on ITV:** **Sunday 9:30a.m. - 11:00a.m.**

Ch.	Date	Start Time	End Time	Program(s)
ITV	December 7, 2008	9:30 AM	11:00 AM	4: Biochemistry: General Concepts & Important Inorganics 5: Biochemistry: Carbohydrates & Proteins 6: Biochemistry: Protein & Lipids
PCTV	December 7, 2007	2:00 AM	3:30 AM	4: Biochemistry: General Concepts & Important Inorganics 5: Biochemistry: Carbohydrates & Proteins 6: Biochemistry: Protein & Lipids
PCTV	December 8, 2008	9:30 AM	10:00 AM	4: Biochemistry: General Concepts & Important Inorganics
PCTV	December 10, 2008	9:30 AM	10:00 AM	5: Biochemistry: Carbohydrates & Proteins
PCTV	December 12, 2008	2:00 AM	3:30 AM	4: Biochemistry: General Concepts & Important Inorganics 5: Biochemistry: Carbohydrates & Proteins 6: Biochemistry: Protein & Lipids
PCTV	December 12, 2008	9:30 AM	10:00 AM	6: Biochemistry: Protein & Lipids
ITV	December 14, 2008	9:30 AM	11:00 AM	7: Plasma Membranes & Solutions 8: Cells and Their Structures 9: Energetics: An Overview
PCTV	December 14, 2007	2:00 AM	3:30 AM	7: Plasma Membranes & Solutions 8: Cells and Their Structures 9: Energetics: An Overview
PCTV	December 15, 2008	9:30 AM	10:00 AM	7: Plasma Membranes & Solutions
PCTV	December 17, 2008	9:30 AM	10:00 AM	8: Cells and Their Structures
PCTV	December 19, 2008	2:00 AM	3:30 AM	7: Plasma Membranes & Solutions 8: Cells and Their Structures 9: Energetics: An Overview
PCTV	December 19, 2008	9:30 AM	10:00 AM	9: Energetics: An Overview