Biochemistry: Pre-Medicine Supplemental Information

All prerequisites must be met

[1]University Core Curriculum Humanities Selective (3 credits)

See approved Humanities list at: http://www.purdue.edu/provost/initiatives/curriculum/course.html

[2]Humanities and Social Science Selective (6 credits)

See approved list at: https://ag.purdue.edu/oap/pages/core-social_humanities.aspx

[3]Economics Selective (3 credits)

AGEC 20300 Introductory Microeconomics for Food and Agribusiness
AGEC 20400 Introduction to Resource Economics and Environmental Policy
AGEC 21700 Economics
ECON 21000 Principles of Economics
ECON 25100 Microeconomics
ECON 25200 Macroeconomics

[4]Written or Oral Communication Selective (3 credits)

AGR 20100 Communication Across Culture
ASL 10000-59900
COM 20000-59900
ENGL 20000-59900
YDAE 44000 Methods of Teaching Agriculture Education

[5]Science Selective (0-1 credits)

ABE 20100 Thermodynamics in Biological Systems I
ABE 20200 Thermodynamics in Biological Systems II
ABE 20500 Computations for Engineering Systems
ABE 21000 Biological Applications of Material and Energy Balances
ABE 30100 Modeling and Computational Tools in Biological Engineering
ABE 30300 Applications of Physical Chemistry to Biological Processes
ABE 30500 Physical Properties of Biological Materials
ABE 31000 Thermodynamics of Food and Biological Systems
ABE 32000 Solid Modeling, Simulation, and Analysis
ABE 32500 Soil and Water Resource Engineering
ABE 33000 Design of Machine Components
ABE 33600 All Terrain Vehicle Design
ABE 37000 Biological/Microbial Kinetics and Reaction Engineering
ABE 43000 Instrumentation and Data Acquisition
ABE 52200 Ecohydrology
ABE 53100 Instrumentation and Data Acquisition
ABE 56000 Biosensors: Fundamentals and Applications
AGRY 25500 Soil Science
AGRY 27000 Forest Soils
AGRY 29000 Introduction to Environmental Science
AGRY 33700 Environmental Hydrology
AGRY 34900 Soil Ecology
AGRY 38500 Environmental Soil Chemistry
AGRY 43100 Atmospheric Thermodynamics
AGRY 43200 Atmospheric Dynamics I
AGRY 43300 Atmospheric Dynamics II
AGRY 44100 Synoptic Laboratory I
AGRY 44200 Synoptic Laboratory II
AGRY 44300 Synoptic Laboratory III
AGRY 46500 Soil Physical Properties
AGRY 48000 Plant Genetics
AGRY 51100 Population Genetics
AGRY 51500 Plant Mineral Nutrition
AGRY 52000 Principles and Methods of Plant Breeding
AGRY 52500 Crop Physiology and Ecology
AGRY 53000 Advanced Plant Genetics
AGRY 53500 Boundary Layer Meteorology
AGRY 53600 Environmental Biophysics
AGRY 54000 Soil Chemistry
AGRY 54400 Environmental Organic Chemistry
AGRY 55200 Advanced Statistics for Experimental Research
AGRY 55300 Introduction to SAS for Statistical Analysis
AGRY 55500 Soil and Plant Analysis
AGRY 56000 Soil Physics
AGRY 57200 Molecular Cytogenetics
AGRY 57300 Molecular Cytogenetics Laboratory
AGRY 58000 Soil Microbiology
AGRY 58100 Soil Microbiology Laboratory
ANSC 22100 Principles of Animalk Nutrition
ANSC 23000 Physiology of Domestic Animals
ANSC 29500 Anatomy & Physiology Lab - Honors
ANSC 33300 Physiology of Reproduction
ANSC 33400 Physiology of Reproduction Laboratory
ANSC 51100 Population Genetrics
ANSC 51400 Animal Biotechnology
ANSC 52200 Monogastric Nutrition
ANSC 52400 Ruminant Nutrition and Physiology
ANSC 53500 Avian Physiology
ANSC 53600 The Digrestive System in Health and Disease
ANSC 55500 Animal Growth and Development
BCHM 10100 Introduction to Biochemistry Lab
BCHM 27500 Honors Course, Lower Division
BCHM 29800* Introduction to Biochemistry Reserarch
BCHM 29801* Head Start to To Introductory Biochemistry Research
BCHM 43400 Medical Topics in Biochemistry
BCHM 49500 Special Topics in Biochemistry (variable title)
BCHM 49800** Research in Biochemistry
BCHM 49801** Head Start to Biochemistry Research
BCHM 53600 Biological & Structural Basis for Drug Design & Action
BCHM 60000-69999
BIOL 20000-20400, 22100, 28600-29400, 30100-49700, 49900-69999
BTNY 20700 The Microbial World
BTNY 20900 Plant Diversity
BTNY 21100 Plants and the Environment
BTNY 30100 Introductory Plant P{athology
BTNY 30200 Plant Ecology
BTNY 31600 Plant Anatomy
BTNY 35000 Biotechnology in Agriculture
BTNY 42000 Plant Cellular and Developmental Biology

BTNY 50400 Advanced Weed Science

BTNY 50500 Advanced Biology of Weeds

BTNY 55000 Biology of Fungi

BTNY 55100 Plant-Bacterial Interactions

BTNY 55200 Molecular Approaches in Plant Biology
BTNY 55300 Plant Growth and Development
BTNY 55800 Pathogens of Plants

CS 20000-59999

CHM 22400-24100, 32100-32800, 34200-34300, 42400-47500, 48100, 52500, 53600-69900
CNIT 22700 Introduction to Bioinformatics

EAPS 22000-59900

ENTM 20600 General Entomology

ENTM 20700 General Entomology Laboratory
ENTM 21000 Introduction to Insect Behavior
ENTM 21800 Introduction to Forensic Science
ENTM 22810 Forensic Investigation

ENTM 22820 Forensic Analysis

ENTM 31100 Insect Ecology

ENTM 31800 Criminalistics

ENTM 41800 Advanced Criminalistics

ENTM 50600 Advanced Insect Taxonomy

ENTM 55100 Insect Physiology and Biochemistry
FNR 20100 Marine Biology

FNR 20300 Freshwater Ecology

FNR 22500 Dendrology

FNR 24100 Ecology and Systematics of Fishes and Mammals
FNR 24200 Laboratory in Ecology and Systematics of Fishes and Mammals
FNR 25100 Ecology and Systematics of Amphibians, Reptiles, and Birds
FNR 25200 Laboratory in Ecology and Systematics of Amphibians, Reptiles, and Birds
FNR 30500 Conservation Genetics

FNR 32200 Forest Soil: Properties, Processes, and Management
FNR 33100 Forest Ecosystems

FNR 35100 Aquatic Sampling Techniques

FNR 35300 Natural Resources Measurement
FNR 43400 Tree Physiology

FNR 44700 Vertebrate Population Dynamics

FNR 45300 Fish Physiology

FNR 45500 Fisheries Science and Management
FNR 50500 Molecular Ecology and Evolution
FNR 51100 Population Genetics

FNR 54300 Conservation Biology I

FNR 54400 Conservation Biology II

FNR 55100 Advanced Ichthyology

FNR 55200 Advanced Freshwater Ecology

FS 36200 Food Microbiology

FS 36300 Food Microbiology Laboratory

FS 43100 Physical Chemistry for Food and Agriculture
FS 45300 Food Chemistry

FS 46700 Food Analysis

FS 46900 Food Analysis Laboratory

FS 56500 Microbial Foodborne Pathogens

FS 56600 Microbial Techniques for Foodborne Pathogens
FS 59100 Science Experimental Cuisine

HONR 19900 Human Genetics: New Hopes & Dimensions
HONR 19900 Science and Pseudoscience: An Adventure into Logical Thinking & Inquiry
HONR 29900 Paradigm Shifts in Biology and Medicine
HONR 29900 Physics for Future Presidents

HONR 39900 Probability: The Science of Uncertainity
HORT 30100 Plant Physiology

HORT 50100 Scanning Electron Microscopy: Principles
HORT 50200 Scanning Electron Microscopy: Applications
HORT 50300 Transmission Electron Microscopy: Principles
HORT 50400 Transmission Electron Microscopy: Application
HORT 55100 Cellular and Molecular Plant Physiology
HORT 55300 Plant Growth and Development
IT 22600 Biotechnology Laboratory I

IT 22700 Biotechnology Laboratory II

MA 25000-59999

MCMP 20600-59999

NRES 23000 Survey of Meteorology

NRES 25500 Soil Science

NRES 29000 Introduction to Environmental Science
NRES 38500 Environmental Soil Chemistry

NUTR 30300 Essentials of Nutrition

NUTR 31500 Fundamentals of Nutrition

NUTR 43500 Nutrition - Metabolism

NUTR 43700 Macronutrient Metabolism in Human Health and Disease
NUTR 43800 Micronutrient and Phytochemical Metabolism in Human Health and Disease
NUTR 45300 Food Chemistry

STAT 41600-47900

STAT 51200-59900

TLI 52100 Drug Development