Biochemistry: Pre-Medicine Supplemental Information
All prerequisites must be met

1University Core Curriculum Humanities Selective (3 credits)
See approved Humanities list at: http://www.purdue.edu/provost/initiatives/curriculum/course.html

2Humanities and Social Science Selective (6 credits)
See approved list at: https://ag.purdue.edu/oap/pages/core-social_humanities.aspx

3Economics 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

4Written 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

5Science 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 Animal 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 Genetics
ANSC 51400 Animal Biotechnology
ANSC 52200 Monogastric Nutrition
ANSC 52400 Ruminant Nutrition and Physiology
ANSC 53500 Avian Physiology
ANSC 53600 The Digestive 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 Research
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

3/23/2017 (effective Fall 2017)