

100 CHEMISTRY, BIOCHEMISTRY

Study of nature and composition of matter and laws governing it-- including: soil, physical, organic, inorganic materials, plastics, fuels, pesticides, metallurgy. Chemistry of life processes--molecular biology, molecular genetics, enzymes, photosynthesis, blood chemistry, protein chemistry, food chemistry, hormones, etc.

200 EARTH AND ENVIRONMENTAL SCIENCE

Soils, geology, mineralogy, physiography, meteorology, climatology, seismology, geography, ecology. How the environment (air, water and land) affects agriculture or how agriculture impacts our environment.

300 ZOOLOGY

Study of animals--animal genetics, ornithology, ichthyology, herpetology, entomology, animal ecology, paleontology, cellular physiology, circadian rhythms, animal husbandry.

400 BOTANY

Study of plant life--agriculture, agronomy, horticulture, forestry, plant taxonomy, plant physiology, plant pathology, plant genetics, hydroponics, algae, etc.

500 ENGINEERING AND TECHNOLOGY

Projects that directly apply to scientific principles to manufacturing and practical uses-- civil, mechanical, aeronautical, chemical, electrical, photographic, sound, automotive, marine, heating and refrigeration, transportation, environmental engineering, etc.

600 HEALTH, MEDICINE, MICROBIOLOGY

Study of diseases and health of humans and animals--dentistry, pharmacology, pathology, ophthalmology, nutrition, sanitation, blood chemistry, protein chemistry, food chemistry, hormones etc. Biology of micro-organisms--bacteriology, virology, protozoology, fungi, bacterial genetics, yeast.

700 PHYSICS

Theories, principles, and laws governing energy and the effects of energy on matter-- solid state, optic, acoustics, particle, nuclear, atomic, plasma, superconductivity, fluid and gas dynamics, thermodynamics, semiconductors, magnetism, quantum mechanics, biophysics, etc.

800 SOCIAL SCIENCE

Study of human behavior, society, and/or social relationships.