CLINICAL LABORATORY SCIENCE PROGRAM PLANNER
Effective, entering class 2009

*Meets the requirements of the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)

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### MAJOR SEQUENCE REQUIREMENTS:

#### Freshman:
- **General Biology I**
  - (Biol 111)
- **General Biology II**
  - (Biol 112)
- **General Chemistry I**
  - (Chem 113)
- **General Chemistry II**
  - (Chem 114)
- **Statistics and Data Analysis**
  - (Math 128)
- **Core Course**
- **Core Course**

#### Sophomore:
- **Organic Chemistry I**
  - (Chem 241)
- **Organic Chemistry II**
  - (Chem 242)
- **Immunology**
  - (Biol 326)
- **Medical Microbiology**
  - (Biol 214)
- **Core Course**
- **Core Course**
- **Core Course**
- **Core Course/Elective**

#### Junior:
- **Genetics**
  - (Biol 223)
- **Biochemistry**
  - (Biol 224)
- **Anatomy & Physiology I**
  - (Biol 221)
- **Anatomy & Physiology II**
  - (Biol 222)
- **Core Course**
- **Core Course**
- **Core Course/Elective**
- **Core Course/Elective**

#### Senior:**Hospital-based Clinical Rotation (30 to 36 credits ) which is approved by the American Society of Clinical Pathologists (ASCP), consisting of:**
- Clinical Chemistry,
- Hematology and Coagulation
- Serology/Immunology
- Microbiology/Virology
- Phlebotomy,
- Transfusion Medicine
- Urinalysis and Body Fluids
- Parasitology
- Immunohematology/Blood Banking

*** Strongly recommended; at least 2 Core courses should be completed during summers to allow for recommended course completions and completion of Core Curriculum requirements in three years prior to the Clinical Rotation year.

Ninety (90) credits must be completed at King's before being eligible for Clinical Rotation.