

BIOLOGY – ACCELERATED PRE-MEDICAL TRACK

FOR PRE-MEDICAL STUDENTS

BACHELOR OF SCIENCE (B.S.)

| CORE Requirements | Credits | Major Requirements | Credits | Major Requirements | Credits | Free Electives ² | Credits |
|--|---------|----------------------------|---------|----------------------------------|---------|--------------------------------|---------|
| CORE 090 First Yr Exp. | 1 | BIOL 113 | 3 | CHEM 113 | 3 | Medical School Course | 3 |
| CORE 100 Lib Arts Sem. | 3 | BIOL 113L | 1 | CHEM 113L | 1 | Medical School Course | 3 |
| CORE 110 Effect Writ. | 3 | BIOL 210 | 3 | CHEM 114 | 3 | Medical School Course Elective | 3 |
| CORE 115 or 116 Oral Comm. | 3 | BIOL 210L | 1 | CHEM 114L | 1 | Medical School Course Elective | 3 |
| CORE 131 or 133 Civilization | 3 | BIOL 213 | 3 | CHEM 241 | 3 | Medical School Course Elective | 3 |
| CORE 140 or 141-145 Forgn. | 3 | BIOL 213L | 1 | CHEM 241L | 1 | Medical School Course | 1-3 |
| CORE 150-159 Soc. Sci. ¹ | 3 | BIOL 270 ³ | 1 | CHEM 242 | 3 | | |
| CORE 160-169 Literature | 3 | BIOL 370 ⁴ | 2 | CHEM 242L | 1 | | |
| CORE 170-179 The Arts | 3 | BIOL 470 ⁵ | 1 | MATH 125 | 4 | | |
| CORE 180-189 Amer. Studies ¹ | 3 | BIOL 490/RIC ⁶ | 4 | MATH 128 | 4 | | |
| CORE 190-199 Global Studies ¹ | 3 | BIOL 353* | 3 | PHYS 111 | 3 | | |
| CORE 250-259 Syst. Theology | 3 | BIOL Elective | 3 | PHYS 111L | 1 | | |
| CORE 260-269 Mor. Theology | 3 | BIOL Elective ² | 4 | PHYS 112 | 3 | | |
| CORE 280 Philos. I | 3 | BIOL Elective ² | 4 | PHYS 112L | 1 | | |
| CORE 281-289 Philos. II | 3 | | | | | | |
| Total Credits for CORE | 43 | Total Credits for Major | 64 | Total Credits for Free Electives | 13-15 | | |

Minimum Credits Required for Graduation = 120

*In addition to the Major Sequence requirements, a Biology Major must also complete a minimum of two (2) upper-level courses (minimum of one with lab) and a minimum of one Research Intensive Course (RIC).

¹Student should take CORE 150, then choose from 181 – 188 to fulfill the 18x requirement AND from 191 – 198 to fulfill the 19x requirement.

²Students will use courses taken at their professional school to count as 2 BIOL electives and 5 Free electives

³Sophomore Seminar (Spring of Sophomore Year)

⁴Junior Seminar (Fall or Spring Semester of Junior Year)

⁵Senior Seminar (Fall or Spring Semester of Senior Year)

⁶Research intensive course (RIC)

General Information:

A student must earn a minimum of 120 credit hours to be awarded the baccalaureate degree. The number of credit hours required for graduation may be higher in certain major programs or if the student elects to pursue a second major.

Beyond the requirements of the Core Curriculum and of a student's chosen major program, the balances of the credit hours required for graduation are "free electives." Students in the accelerated Biology program will use first-year courses of their professional program to satisfy their "free elective" credit requirement.

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SUGGESTED SEQUENCE

- Use the information below as a guide when selecting courses.
- Consult your Academic Advisor prior to course registration.
- Refer to the King’s College Catalog and/or website for course titles and descriptions.
- Choose one course from each CORE category as listed on the reverse side.
 - CORE courses may be taken in any order approved by the academic advisor with the following conditions:
 - CORE 100 and CORE 110 should be taken in the first year.
 - CORE 115 (or 116) should be taken within the first two years.
 - For students selecting a Foreign Language (CORE 14x), every effort should be made to register for that language in the first semester at King’s.

| 1st Year - Fall | | cr. | 1st Year - Spring | | cr. |
|---|--|------------|--|--|------------|
| BIOL 113 Evolution & Diversity | | 3 | BIOL 210 Organisms & Their Ecosystems | | 3 |
| BIOL 113L Evolution & Diversity Lab | | 1 | BIOL 210L Organisms & Their Ecosystems Lab | | 1 |
| CHEM 113 General Chemistry I | | 3 | CHEM 114 General Chemistry II | | 3 |
| CHEM 113L General Chemistry I Lab | | 1 | CHEM 114L General Chemistry II Lab | | 1 |
| CORE | | 3 | MATH 125 Calculus | | 4 |
| CORE | | 3 | CORE | | 3 |
| CORE 090 First Year Experience | | 1 | CORE | | 3 |
| | | 15 | | | 18 |
| 2nd Year - Fall | | | 2nd Year - Spring | | |
| BIOL 213 Cell & Molecular Biology | | 3 | BIOL 353 Biochemistry | | 3 |
| BIOL 213L Cell & Molecular Biology Lab | | 1 | BIOL 270 Sophomore Seminar | | 1 |
| CHEM 241 Organic Chemistry I | | 3 | CHEM 242 Organic Chemistry II | | 3 |
| CHEM 241L Organic Chemistry I Lab | | 1 | CHEM 242L Organic Chemistry II Lab | | 1 |
| MATH 128 Intro. to Statistics & Data Analysis | | 4 | PHYS 112 General Physics II | | 3 |
| PHYS 111 General Physics I | | 3 | PHYS 112L General Physics II Lab | | 1 |
| PHYS 111L General Physics I Lab | | 1 | CORE | | 3 |
| | | 16† | CORE | | 3 |
| | | | | | 18† |
| 2nd Year - Summer | | | | | |
| MCAT test preparation – Take Prep Course | | | | | |
| Plan to take MCAT in August | | | | | |
| 3rd Year – Fall | | | 3rd Year – Spring | | |
| BIOL RIC | | 4 | BIOL 470 | | 1 |
| BIOL 370 ³ Seminar (Soph./Junior Diag. Project) | | 2 | BIOL Elective/ Lab | | 4 |
| CORE | | 3 | CORE | | 3 |
| CORE | | 3 | CORE | | 3 |
| CORE | | 3 | CORE | | 3 |
| CORE | | 3 | CORE | | 3 |
| | | 18 | | | 17 |
| 4th Year - Fall | | | 4th Year - Spring | | |
| First Year Medical Curriculum will count as: | | | | | |
| Bio Elective, Bio Elective with Lab, and 13-15 credits of Free Electives* | | | | | |
| Minimum Credits Required for Graduation = 120 | | | | | |

†The standard semester course load is five courses consisting of 15 – 17 credits. A student may take 18 credits if the science lab puts them over 17 credits. (for more information about credit loads, please see the college catalog)

We highly recommend that you consider taking classes over the summer to alleviate the intense course-load during the Fall and Spring semesters. Upon successful completion of the first year medical school curriculum, the student will have satisfied all King’s College requirements for graduation.