

General Instructions
for the
Review of Natural Science courses in the
Qualified Admission Pre-college Curriculum
Due Date: June 30, 2006

1. Compare the title of each QA natural science course in the most recent QA curriculum on the school's QA webpage to the titles on the following list. If the titles **EXACTLY** match, the course is exempt from review. If the titles do not exactly match, proceed to the next step.

Biology or Biology I or Biology II
Honors Biology
Introduction to Biology
Foundations of Biology
AP Biology
Advanced Biology
Chemistry or Chemistry I or Chemistry II
Honors Chemistry
General Chemistry
Introduction to Chemistry
Foundations of Chemistry
AP Chemistry
Physics or Physics I or Physics II
Honors Physics
General Physics
Introduction to Physics
Foundations of Physics
AP Physics

2. The following courses are also exempt from review:

- A. Any college biology course that appears on the high school transcript and counts toward the general education requirements for the bachelor degree.
- B. Any college chemistry course that appears on the high school transcript and counts toward the general education requirements for the bachelor degree.
- C. Any college physics course that appears on the high school transcript and counts toward the general education requirements for the bachelor degree.

3. If the course is not exempt from review, documentation must be provided that the course is equivalent to one of the following courses: Biology, Advanced Biology, Chemistry, Physics, Earth/Space science, Principals of Technology. Note that all QA natural science courses must be laboratory courses; no more than one-third of the labs may be virtual. Follow the directions below:

- A. **Courses equivalent to Advanced Biology:** Complete the checksheet for courses equivalent to QA Advanced Biology. The course must meet the following criteria to remain on the QA pre-college curriculum:
 - i. All prerequisites for the course must be QA courses.

- ii. Successful completion of a QA Biology course must be a prerequisite for the course.
- iii. The course must be designed for juniors and seniors.
- iv. The course must concentrate on one or more of the state standards for life sciences.

B. Courses equivalent to Biology: Complete the checksheet for QA courses in biology, chemistry, physics, earth/space science. The course must include all of the state standards for life sciences and the major portion of the course must be devoted to these standards.

C. Courses equivalent to Chemistry: Complete the checksheet for QA courses in biology, chemistry, physics, earth/space science. The course must include all of the state standards for chemistry and the major portion of the course must be devoted to these standards.

D. Courses equivalent to Earth/Space Science: Complete the checksheet for QA courses in biology, chemistry, physics, earth/space science. The course must include all of the state standards for earth/space science and the major portion of the course must be devoted to these standards.

E. Principles of Technology may be counted toward QA only if the course follows a curriculum equivalent to the CORD curriculum and the major portion of the course must be devoted to this curriculum. Complete the checksheet for QA principles of technology courses.

4. Applied science courses may count toward QA if they meet the requirements for any of the QA natural science courses listed in 2 above. For example, applied biology may count toward QA if the course meets the requirements in 3B above. If an applied course is currently on your school's QA webpage, follow the directions in number 3 above.

5. If you already have a detailed listing of the topics covered in the course with the corresponding state standard, this material may be substituted for a completed checksheet. **However, a course syllabus or course outline will be unacceptable for purposes of the review.**

6. Documentation must be submitted as follows to ensure accurate processing of the information:

- A. The school name must appear on **EACH** page.
- B. The email address of a contact person must appear on the first page of documentation for each course.
- C. Documentation must be either emailed to kmueller@ksbor.org or mailed to Dr. Kathryn Mueller, Kansas Board of Regents, 1000 SW Jackson, Topeka KS, 66612.
- D. The due date is June 30, 2006.