**Ways of Knowing In the Sciences – Applied Science (WKAS)**

**Course Proposal**

Two Ways of Knowing in the Sciences (WKS) courses are required. This application is for the *Applied Science* (WKAS) course, which will be from the biological, chemical, physical, and applied sciences (i.e., computer science, engineering, health and human performance, nutrition, and behavioral neuroscience).

**Course Subject Code and Number:** Click here to enter text.

**Course Title:** Click here to enter text.

**Number of Credits:** Click here to enter text.

**Is the course repeatable for credits?** Click here to enter text. **If yes, how many times may the course be repeated?** Click here to enter text.

**Catalog Course Description:** Click here to enter text.

**Class Size:** WK courses are intended for 35 to 40 students per section but exceptions may be permitted. If this course is intended to deviate from this standard, please indicate the number of students permitted per section and provide a rationale for the exception. Click here to enter text.

**Course Objectives**

In WKAS courses student will learn principles and foundational knowledge as well as technologies and important applications in different scientific disciplines. The following objectives are in place for WKAS courses. Describe the assignments, texts and other learning experiences that enable the student to meet each of these course objectives:

1. Experience a variety of ways to explore the scientific world (these may include, but are not limited to, direct observation, experimentation, and exposure to scientific literature): Click here to enter text.
2. Apply scientific principles through critical thinking skills (these may include, but are not limited to, informed decision making, problem-solving and the process of inquiry): Click here to enter text.
3. Express an understanding of how science affects the world and themselves: Click here to enter text.
4. Communicate how scientific knowledge can be applied to serve communities and engage the natural world: Click here to enter text.
5. Articulate relationship between science and the Christian faith: Click here to enter text.

**Course Criteria**

In addition to meeting WKAS course goals and objectives, the following criteria must be met. Describe how the proposed course does this.

1. WKAS classes without laboratory sessions will explore at least one question in depth using several of the tools of science. Click here to enter text.
2. WKAS courses are encouraged to include writing requirements appropriate to subject and class size. Click here to enter text.