

CAP COMMITTEE - CAP COURSE REVIEW GUIDELINES

Revised 09/05/2017

| NATURAL SCIENCES | |
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| <p>An understanding of many significant issues confronting our world today requires a basic understanding of science. Students must take two three-hour lecture courses in the physical or life sciences or computer science, at least one of which should be accompanied by a corresponding one-hour laboratory section. Lecture sections are either a pre-requisite or co-requisite to their correlative laboratory sections. Students will be exposed to at least two of the five disciplines: biology, chemistry, computer science, geology, and physics. The science component will actively challenge students to explore the scientific dimensions of complex, controversial, or unresolved problems facing human society. It will further the development of the learning goals related to scholarship, practical wisdom, and critical evaluation of our times by challenging students to achieve an enriched understanding of the scientific method by applying it to issues of broad public interest. The community learning goal will also be enhanced through the team-based learning that occurs in the laboratory setting.</p> | |
| All of the following are addressed: | |
| | This is one of the required courses in the physical or life sciences or computer science, at least one of which should be accompanied by a corresponding one-hour laboratory section. Lecture sections are either a pre-requisite or co-requisite to their correlative laboratory sections. |
| | Identify one or more of the five disciplines that the course addresses: |
| | Biology |
| | Chemistry |
| | Computer Science |
| | Geology |
| | Physics |
| | Challenges students to explore the scientific dimensions of complex, controversial, or unresolved problems facing human society. |
| | It will further the development of the learning goals related to scholarship, practical wisdom, and critical evaluation of our times by challenging students to achieve an enriched understanding of the scientific method by applying it to issues of broad public interest. |
| | The community learning goal is enhanced through the team-based learning that occurs in the laboratory setting. |
| | The course is accompanied by a lab. |
| | The course is not accompanied by a lab. |

INSTITUTIONAL LEARNING GOALS (ILGS)

| | ✓ All that apply. REQUIRED Learning Goals are marked with ** and a thicker border. <i>A minimum of one ILG is required for all CAP Courses.</i> | | | | | |
|--|--|------------------|-----------|-----------|----------------------|--------------------------------------|
| | **Scholarship** | Faith Traditions | Diversity | Community | **Practical Wisdom** | **Critical Evaluation of Our Times** |
| Course learning objectives reflect which ILG(s)? | | | | | | |
| Course content reflects the targeted ILG(s) | | | | | | |
| Developmental level for ILG(s) is listed | | | | | | |
| Method for student demonstration of ILG(s) | | | | | | |
| Criteria for determining student achievement of ILG(s) | | | | | | |