

CLS 499: Advanced Clinical Studies
A Capstone Experience

CATALOG DESCRIPTION:

CLS 499: Advanced Clinical Studies. 2 credits.

Under supervision of mentor, design and conduct a research project in specialty area of clinical laboratory science; prepare major research paper and presentation. This is a capstone course. Prereq: Admission to professional program.

CAPSTONE EXPERIENCE:

This course represents a capstone experience, the culminating experience of the student's Bachelor of Science Degree in Clinical Laboratory Science. Each student will develop a research project, case study, or literature review to present on campus and at a state-level professional symposium as a poster session and an oral presentation. A formal paper will be submitted as part of the course. In developing the project, the student should work closely with appropriate individuals in the clinical setting.

GOALS:

Completion of the course requirements will:

1. Increase awareness of the vital role of Clinical Laboratory Scientists in diagnosing and monitoring disease processes and in maintenance of health.
2. Encourage membership in professional organizations.
3. Assist in the development of "professionalism."
4. Provide greater visibility of the major to faculty and students on campus.
5. Promote a greater understanding of the profession to underclassmen.
6. Promote future presentations at professional meetings.

In completing course requirements, students will:

1. Demonstrate a comprehensive understanding of the project or research study.
2. Present themselves as professionals.

OBJECTIVES:

In successfully completing these projects, students will:

1. Apply their clinical laboratory knowledge to the design and development of an in-depth research project or case study.
2. Organize material into a cohesive oral presentation.
3. Analyze the material to reach legitimate conclusions.
4. Develop a title and an abstract appropriate for the project.
5. Develop a poster presentation of their project.
6. Orally present the project to an audience of hospital and university faculty, students, family, and/or friends.
7. Display their poster and present their project at the WISCLS convention.
8. Submit a formal paper to the Department of Clinical Laboratory Science.

These requirements are meant to:

1. Promote future presentations at professional meetings.
2. Encourage membership in professional organizations.
3. Assist in the development of "professionalism."
4. Provide greater visibility of the major to faculty and students on campus.
5. Promote a greater understanding of the profession to underclassmen.
6. Increase awareness of vital role of Clinical Laboratory Scientists in diagnosing and monitoring disease processes and in maintenance of health.

DERIVATION OF COURSE GRADE :

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|----------------------------|-----|
| Title and Abstract | 10% |
| Poster Session (UWSP) | 20% |
| Presentation (UWSP) | 25% |
| Formal Paper | 25% |
| WISCLS Poster/Presentation | 20% |