# Planned Assessment Activities

## Clinical & Translational Science (CTS) Graduate Program at Creighton University

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<th><strong>University Assessment Goals</strong></th>
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<td>1. Graduates will demonstrate disciplinary competence and/or professional proficiency.</td>
<td>Graduates will demonstrate working knowledge in core subject within the area of CTS.</td>
<td>Bi-annual progress reports to the student’s advisory committee before the student is allowed to register for the following term.</td>
<td>Progress and potential problems (either conceptual or technically) are revealed.</td>
<td>Potential problems (either conceptual or technically) are discussed and advice given by the committee.</td>
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<td>Graduates will effectively analyze, synthesize, and interpret biological data, including their own, and critically evaluate scientific information.</td>
<td>Students will record minutes from each committee meeting for approval by the advisory committee.</td>
<td>Clarify and facilitate communication between the student and members of the committee.</td>
<td>Use results of the progress reports and qualifying exams to re-evaluate entrance requirements for the program and basic course requirements.</td>
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<td>Graduates will conduct research addressing specific scientific problems and be able to place their results in the context of previous knowledge</td>
<td>Qualifying exams (written and oral)</td>
<td>Pass or Fail in qualifying exam.</td>
<td>Courses or symposia will be developed and aimed at addressing weaknesses and trends seen in the progress of our students.</td>
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<td>Graduates will formulate and execute a research plan to solve problems.</td>
<td>Students will actively participate in discussions following seminars and presentations.</td>
<td>Grade in the seminar course (CTS791) will be based on the attendance, presentation, and active engagement in the discussion.</td>
<td>Re-evaluate composition of graduate student advisory committees.</td>
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<td>Students will successfully complete the required coursework.</td>
<td>Maintain required grades in all coursework. GPA average of 3.0</td>
<td>Successful completion of the qualifying exam.</td>
<td>Reassess content and goals of qualifying exam.</td>
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<td>Students will write and submit reviews and research articles.</td>
<td>Number and quality (# of citations, impact factor) of publications.</td>
<td>Monitor length of time to obtain the degree. PhD 2-4 years, Masters 1-2 years, Graduate Certificate 6-12 months</td>
<td>Recommendations for addressing deficiencies are provided to the student based on the progress reports and performance in the coursework and qualifying exam.</td>
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<td>The ability to write an effective research proposal, their knowledge base, and to justify the rationale of the plan and the proposed methods will be part of the qualifying exam.</td>
<td>Successful completion of the qualifying exam.</td>
<td>Monitor number of pre-doctoral fellowship applications submitted and awarded.</td>
<td>Encourage and direct students to attend workshops to improve their grant and manuscript writing skills.</td>
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<td>Students may submit applications for extramural pre-doctoral fellowships.</td>
<td>Monitor length of time to obtain the degree. PhD 2-4 years, Masters 1-2 years, Graduate Certificate 6-12 months</td>
<td>Use results of the progress reports and qualifying exams to assess current content of core courses and to design and improve the basic core course requirements.</td>
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<td>Graduates are encouraged to look more directly or indirectly to prosper much of this society with faith and justice</td>
<td>Accept everyone wholly as they, and their beliefs</td>
<td>Good stewards</td>
<td>Knowledge of what is good for the mind, body, and soul is best for personal well-being.</td>
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<td>Acknowledge individual values</td>
<td>Foundational principles</td>
<td>Wholeness of well-being (physical, spiritual, emotional,</td>
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**Notes:**
- **Bi-annual progress reports to the student’s advisory committee before the student is allowed to register for the following term.**
- Students will record minutes from each committee meeting for approval by the advisory committee.
- Qualifying exams (written and oral) will be based on the attendance, presentation, and active engagement in the discussion.
- Average GPA 3.4 to 3.5 to enter program and 3.0 maintained throughout Program.
- Monitoring length of time to obtain the degree: PhD 2-4 years, Masters 1-2 years, Graduate Certificate 6-12 months.
- Use results of the progress reports and qualifying exams to re-evaluate entrance requirements for the program and basic course requirements.
- Courses or symposia will be developed and aimed at addressing weaknesses and trends seen in the progress of our students.
- Re-evaluate composition of graduate student advisory committees.
- Reassess content and goals of qualifying exam.
- Recommendations for addressing deficiencies are provided to the student based on the progress reports and performance in the coursework and qualifying exam.
- Encourage and direct students to attend workshops to improve their grant and manuscript writing skills.
- Use results of the progress reports and qualifying exams to assess current content of core courses and to design and improve the basic core course requirements.
- Knowledge of what is good for the mind, body, and soul is best for personal well-being.
- Wholeness of well-being (physical, spiritual, emotional, ...
and underlying passion from personal convictions

Knowledge of faith involves a stance toward some claim that is not, at least presently, demonstrable by reason.

Once demonstrated, a proposition or claim is ordinarily understood to be justified as true or authoritative.

| 4. Graduates will demonstrate the ability to communicate clearly and effectively. | Graduates will work collaboratively in groups.  
Graduates will write effective research papers, reports and grant applications and be able to communicate their results through oral presentations and written publications.  
Graduates will be involved in organizing meetings and participating in social and community service. | Monitor, document, and evaluate student presentations given at local, regional, and national meetings and symposia, and invitations to speak.  
Monitor number of presentation awards and travel awards.  
Co-authorship on papers.  
The degree of involvement in organizing meetings, participating in societies, and cooperating with colleagues in performing complex experiments will be assessed. | Determine the number of publications produced by our students.  
List the # of awards, # of invitations, # of talks/presentations, oral or poster, given by our students.  
Review written evaluations of student presentations. | Determine if there are sufficient opportunities for our students to gain experience and to present their work locally, regionally and nationally.  
Alter program design to include more opportunities and/or create education and writing classes or require remedial writing classes if there is evidence of deficiency.  
Design workshop and education programs for faculty to enable them to better address any areas of weakness in student education or training revealed by program assessment. |

| 5. Graduates will demonstrate deliberative reflection for personal and professional formation. | Gain employment in the area of their interest and promote CTS.  
Advancement in their career path.  
Become entrepreneur and/or consultants. | We will monitor career placement, chosen career path of graduates immediately after graduation and every subsequent 5 years, and their career advancement by conducting surveys. | Number of graduates in academia versus pharmaceutical industries or Governmental jobs.  
Number of graduates in leadership roles.  
Success in obtaining a job in the area of their first choice.  
Satisfaction in their chosen career path.  
Record of advancement of our graduates. | Re-direct program and training into areas that improve career placement.  
Expose students at onset to potential career paths after acquiring degree.  
Education faculty in what other career paths are available so they may better prepare students.  
Use survey results to glean areas where we can improve career placement and advancement opportunities for our graduates. |

| 6. Graduates will demonstrate the ability to work effectively across race, ethnicity, culture, gender, religion, and sexual orientation. | Acknowledge differences and appreciate multiculturalism.  
Topic of diversity and sensitivity will be examined from many perspectives, not just race, but also sexual orientation, financial status, social status, etc. | A diverse faculty also promotes more interaction in classrooms and culturally aware education | The importance of a diverse student group, not only to create a realistic setting but also to encourage people to grow outside the boundaries and learn something new about a culture they may not be familiar with | Serve the community with a more efficient job, by providing different perspectives |