

Assessment Activities, 2008-2009
Program Biomedical Sciences

<i>University Assessment Goals</i>	<i>Graduate School Goals</i>	<i>Program Outcomes</i>	<i>Assessment Procedures and Criteria</i>
1. Graduates will demonstrate disciplinary competence and/or professional proficiency.	1. Graduates will demonstrate the disciplinary competence and/or professional proficiency with a global perspective in service to others.	<p>Graduates will demonstrate working knowledge in core subject within the area of biomedical services.</p> <p>Graduates will effectively analyze, synthesize, and interpret biological data, including their own, and critically evaluate scientific information.</p> <p>Graduates will conduct research addressing specific scientific problems and be able to place their results in the context of previous knowledge</p> <p>Graduates will formulate and execute a research plan to solve problems.</p>	<p>Bi-annual progress reports to the student's advisory committee before the student is allowed to register for the following term.</p> <p>Students will record minutes from each committee meeting for approval by the advisory committee.</p> <p>Qualifying exams (written and oral)</p> <p>Students will actively participate in discussions following seminars and presentations.</p>
2. Graduates will demonstrate critical thinking skills.	2. Graduates will demonstrate an ability to combine critical thinking, disciplined research, and effective problem-solving in their field of study.	<p>Graduates will demonstrate knowledge of all areas of biomedical sciences and be able to apply this knowledge to solving new problems.</p> <p>Graduates will acquire the necessary skills to perform experiments, assess and interpret results and disseminate the information to the scientific community such that the field is advanced.</p>	<p>Students will successfully complete the required coursework.</p> <p>Students will write and submit reviews and research articles.</p> <p>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.</p> <p>Students may submit applications for extramural pre-doctoral fellowships.</p>
3. Graduates will demonstrate Ignatian values, to include but not limited to a commitment to an exploration of faith and the promotion of justice.	3. Graduates will demonstrate ethical decision making, service, and civic responsibility in accordance with the Judeo-Christian tradition and Ignatian values.	<p>Graduates are encouraged to look more directly or indirectly to prosper much of this society with faith and justice</p> <p>Acknowledge individual values and underlying passion from personal convictions</p> <p>Knowledge of faith involves a stance toward some claim that is not, at least presently, demonstrable by reason.</p> <p>Once demonstrated, a proposition or claim is ordinarily understood to be justified as true or authoritative.</p>	Accept everyone wholly as they, and their beliefs
4. Graduates will demonstrate the ability to communicate clearly and effectively.	4. Graduates will respectfully and effectively communicate information through all modes of expression.	<p>Graduates will work collaboratively in groups.</p> <p>Graduates will write effective research papers, reports and grant applications and be able to communicate their results through oral presentations and written publications.</p> <p>Graduates will be involved in organizing meetings and</p>	<p>Monitor, document, and evaluate student presentations given at local, regional, and national meetings and symposia, and invitations to speak.</p> <p>Monitor number of presentation awards and travel awards.</p> <p>Co-authorship on papers.</p>

		participating in social and community service.	The degree of involvement in organizing meetings, participating in societies, and cooperating with colleagues in performing complex experiments will be assessed.
5. Graduates will demonstrate deliberative reflection for personal and professional formation.	5. Graduates will demonstrate deliberative reflection for lifelong personal and professional formation.	Gain employment in the area of their interest. 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.
6. Graduates will demonstrate the ability to work effectively across race, ethnicity, culture, gender, religion, and sexual orientation.	6. Graduates will demonstrate an ability to work effectively and in solidarity across the distinctions of human diversity.	Acknowledge of differences and to 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