

**Assessment Activities,  
Program Pharmacology**

<i>University Assessment Goals</i>	<i>Program Outcomes</i>	<i>Assessment Procedures and Criteria</i>	<i>Assessment Results</i>	<i>Use of Assessment Results/Change</i>
1. <b>Graduates will demonstrate disciplinary competence and/or professional proficiency.</b>	Demonstrate advance knowledge in pharmacology, Independent execution of thesis research project, competence in laboratory, acquire scientific independence for next professional position, skills to educate and train others in the classroom and laboratory	Written comprehensive exam, coursework, grant proposal, oral exam, published papers, seminars presentations at meetings. Students have passed the assessments as evaluated by peers, faculty and experts in the field. GPA must be a 3.0 or greater to stay in program. All eligible students to date have passed written and comprehensive exams and course work with a Satisfactory grade as determined by the student's graduate committee	100 % of students have passed the criteria listed	
2. Graduates will demonstrate critical thinking skills.	Independent execution of thesis research project, Critical analysis of published scientific literature, oral and written examinations.	Written/oral comprehensive exam, coursework, grant proposal, oral exam, published papers, seminars. Students are evaluated by committee members with a form for their performance on presentations, oral exams. Exams are given for didactic course work	80% of students pass with a Satisfactory grade. 20% pass with an excellent grade as determined by the student's graduate committee	New evaluation forms have been implemented to reflect a more accurate analysis of student's critical thinking skills.
3. <b>Graduates will demonstrate Ignatian values, to include but not limited to a commitment to an exploration of faith and the promotion of justice.</b>	Students will demonstrate the ability to analyze and carry out research in an ethical manner	Students are assessed through the course in Responsible Conduct in Research and discussions during laboratory meetings.	100% of students have passed this RCR	
4. Graduates will demonstrate the ability to communicate clearly and effectively.	Oral communication skills (presenter and active audience member), skill in written scientific communication	Presentation of published data, Presentation of own scientific data, Presentation of concise 10-minute research presentation, Active participant as audience member, Manuscript preparation, Grant preparation, Abstract/poster preparation for scientific meetings	All senior students have presented abstracts and have authored papers	Students are required to make an oral presentation for their primarily didactic Medical Pharmacology second semester course.
5. <b>Graduates will demonstrate deliberative reflection for personal and professional formation.</b>	Comprehend importance of professional ethics, including honesty, integrity, respect and confidentiality. Students will show ability to think independently and exchange learned information with peers and colleagues	Students take a course in Responsible Conduct in Research, Journal Clubs, Research presentations, and student competitions such as MWSRF (Midwest Student Research Forum) and St. Albert's Day	All students have passed RCR and have participated in professional meetings and 2 have won awards at national meetings	
6. Graduates will demonstrate the ability to work effectively across race, ethnicity, culture, gender, religion, and sexual orientation.	Students work with a group of individuals with mixed race, ethnicity, culture, gender, religion, and sexual orientation	Students will be monitored for any attitudes which would imply discriminatory behaviors.	Lunches are multicultural with students bringing their own ethnic dishes and most students eat together in the conference room	

