

## Graduate Student Milestone Assessment – Core Knowledge

---

**This assessment is to be completed by each member of the Thesis/Dissertation committee.**

**Rate each element from 1 (excellent) to 5 (poor); rating of 3 (average) meets expectations.**

**If ratings do not meet expectations, please provide a short explanation.**

**For Ph.D students:**

Core knowledge is to be assessed at the time of the committee meeting where the student's dissertation proposal is discussed, and again at the time of the student's qualifying exams.

**For M.S. students:**

Core knowledge is to be assessed at the time of the committee meeting where the student's thesis proposal is discussed

---

**Student's name:**

**Date:**

**Committee member:**

---

	<b>Assessment of Core Knowledge</b>
<i><b>Learner Outcome 1:</b> Demonstrate and understanding of Earth's (and other planetary systems') physical, chemical, and biological systems that reflects the base knowledge necessary for completion of individual research projects in earth and planetary sciences, under the direction of a scientific advisor.</i>	
<b>Demonstration of depth and breadth of knowledge</b>	
Understanding of subject area	
Understanding in areas outside of research subject	
<b>Skills necessary to conduct original research</b>	
Understanding of research problem and originality	
Understanding qualitative and quantitative techniques	
Understanding statistical and analytical techniques	
Critical thinking skills	
Degree of Independence	
<b>CUMULATIVE SCORE</b>	

---

**After each assessment period, submit the completed form to the SACS Coordinator**

**All completed assessments are to be treated as confidential.**

**Data will be used for programmatic assessment and summary reports will be provided to the faculty annually.**