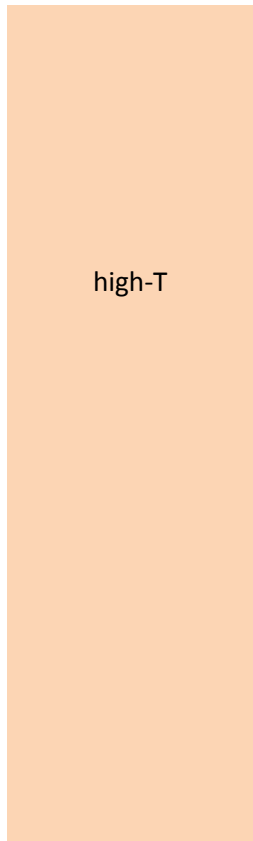


Suggested course plans

These are not hard-and-fast degree plans, but starting points for planning a course of study. Some courses are only offered every other year, so they may not be available in the ideal sequence. Similarly, some students will already have experience or relevant coursework, and may be able to begin with the more advanced courses. We suggest a balanced course of study, including theory, analytical technique, and application.

	Category	Course	Name	Time
Geo/thermochron	Theory	GEO 388L/376C	Isotope Geology	Semester 1
	Analytical	GEO 391	Fundamentals and applications of ICP-MS	Semester 1 or 3
		GEO 390S	Analytical Methods: Mass Spectrometry	Semester 2
	Applied	GEO 391	Geochronology	Semester 2
GEO 391		Thermochronology	Semester 3	
GEO 388R		Advanced thermochronology	Semester 4	
low-T	Theory	GEO 388L/376C	Isotope Geology	Semester 1
	Analytical	GEO 390S	Analytical Methods: Mass Spectrometry	Semester 2
		GEO 391	Fundamentals and Applications of ICP-MS	Semester 1 or 3
	Applied	GEO 388H and/or	Environmental Isotope Geochemistry	Semester 2
		GEO 371C/388G and/or	Global Biogeochemical Cycles	Semester 1 or 3
		GEO 391 and/or	Paleoclimate	Semester 2
GEO 387C/476M		Chemical Hydrogeology	Semester 2	
high-T	Theory	GEO 388L/376C and/or	Isotope Geology	Semester 1
		GEO 390M	Thermodynamics of Geologic Processes	Semester 1 or 3



Analytical	GEO 390R	Analytical Methods: Electron-Microbeam Techniques	Semester 1 or 3
	and/or		
	GEO 391	Fundamentals and Applications of ICP-MS	Semester 1 or 3
	and/or		
	GEO 390S	Analytical Methods: Mass Spectrometry	Semester 2
Applied	GEO 386K	Igneous Petrology	Semester 2 or 4
	and/or		
	GEO 386K	Metamorphic Petrology	Semester 2 or 4
	and/or		
	GEO 391	Meteoritics/Early Solar System Processes	Semester 1 or 3
	and/or		
	GEO 376T/388T	High-Temperature Geochemistry	Semester 1 or 3
and/or			
GEO 386E	Economic Geology	Semester 1 or 3	
and/or			
GEO 381R	Regional Studies in Mineral Resources Geology	Semester 2 or 4	