

M.S. in Geosciences

Curriculum Matrix

Course	Goal 1	Goal 2	Goal 3	Goal 4
600	I	I	I	
601	P	P	P	I
602	M	M	M	P
660 or M615	P	P		
Thesis/Project/Talk	M	M	M	M

Public presentation of proposal

Evaluation Criteria	Goal 1	Goal 2	Goal 3	Goal 4
1 - Knowledge of historical and current literature and methods	X			X
2 - Understanding of research/project design		X	X	X
3 - Knowledge of field/lab/analytical methods appropriate for project	X	X		X
4 - Presentation of preliminary data, if available		X		X

Public presentation of thesis/project

Evaluation Criteria	Goal 1	Goal 2	Goal 3	Goal 4
1 - Knowledge of research system		X		X
2 - Knowledge of specific & broader literature	X			X
3 - Context of research	X			X
4 - Limitations of research, next steps			X	X
5 - Knowledge of research/project design		X		X
6 - Knowledge of appropriate data analysis techniques		X		X
7 - Ability to reason			X	X
8 - Presentation skills, articulation				X

Written thesis/project

Evaluation Criteria	Goal 1	Goal 2	Goal 3	Goal 4
1 - Introduction	X			X
2 - Goals & objectives			X	X
3 - Background	X			X
4 - Literature review	X			X
5 - Methods		X		X
6 - Results		X		X
7 - Discussion			X	X
8 - Address goals and objectives	X			X
9 - Scientific merit			X	X
10 - Limitations			X	X
11 - Organization				X
12 - Clarity				X
13 - Logic				X
14 - Flow	X			X
15 - Style			X	X