

Departmental Specialization

Students are urged to consult with the DUS or a member of the Undergraduate Work Committee before choosing hybrid specializations or pursuing specialization-electives outside of geosciences. In general, the department is flexible about course selections and requirements; however, we must ensure a degree of coherency in each student's course of study.

	MICROBIOLOGY (MB)	ENVIRONMENTAL GEOCHEMISTRY (EG)	OCEANS, ATMOSPHERE, & CLIMATE (OA)	GEOLOGY & EARTH HISTORY (GE)	GEOPHYSICS (GP)
To declare concentration sophomore year	MAT 104	MAT 104	MAT 104	MAT 104	MAT 104
To declare concentration sophomore year	COS 126	COS 126	COS 126	COS 126	COS 126
To declare concentration sophomore year	GEO 202	GEO 202	GEO 202	GEO 203	GEO 203
By end of junior year	GEO 422 or ORF 245	GEO 422 or ORF 245	GEO 422 or ORF 245	GEO 422 or ORF 245	GEO 422 or ORF 245
Required Core Math and Science	EEB 211	MOL 214	MAT 201	MAT 202	MAT 201
Required Core Math and Science	MOL 214	CHM 201	MAT 202	CHM 201	MAT 202
Required Core Math and Science	CHM 201	CHM 202	CHM 201	CHM 202	PHY 103 or 105
Required Core Math and Science	CHM 202	PHY 103	PHY 103	PHY 103	PHY 104 or 106
Required Core Geoscience	GEO 363	GEO 363	GEO 361	GEO 362	GEO 371 or 442
Required Core Geoscience	GEO 417	GEO 360	GEO 425	GEO 464	MAE 305
Recommended Electives	GEO 362	GEO 361	GEO 362	GEO 378	GEO 419
Recommended Electives	GEO 416	GEO 370	GEO 363	GEO 372	GEO 424
Recommended Electives	GEO 418	GEO 417	GEO 366	GEO 370	GEO 441
Recommended Electives	GEO 428	GEO 418	GEO 367	GEO 373	GEO 422
Recommended Electives	GEO 435	GEO 428	GEO 369	GEO 202	GEO 464
Recommended Electives	MOL 345	GEO 435	GEO 427	FRS	GEO 370
Recommended Electives	MOL 380	GEO 470	GEO 428	MAE 305	GEO 202
Recommended Electives	FRS	FRS	GEO 435	MAE 221	FRS
Recommended Electives		CEE 301	GEO 203		
Recommended Electives		CEE 311	FRS		
Recommended Electives		CEE 306/307	MAE 305		
Recommended Electives		CEE 471			