

Certificate Two Semester Sequence – Geospatial Information Science and Technology (GIST) Certificate

Curriculum¹

Show the sequencing of courses, credits and SUNY and SED distribution requirements, as well as instructors, by semester, for the first full cycle of the program (for example, four semesters for a traditionally structured associate degree). Include additional semesters if offered on a part-time basis. These pages may be duplicated as needed. **Key:** Cr = Credits, GE = General Education (per SUNY core), LA = Liberal Arts Core (per New York State Board of Regents regulations), M = Major, RE = Required Elective, E = Elective, N/R = New or Revised. **Note: If this program is to be offered at a new level of instruction, syllabi for new courses are required.**

LOWER DIVISION

FALL										SPRING									
Course Title	Course Number	Cr	GE	LA	M	RE	E	N/R	Instructor ²	Course Title	Course Number	Cr	GE	LA	M	RE	E	N/R	Instructor ²
Physical Geography Lab	GEG 100	1	NS		X				Staff	Human Geography	GEG 102	3	SS		X				Michael Boester
Physical Geography I	GEG 101	3	NS		X				Staff	Spatial Analysis and GIS	GEG 230	3			X				Staff
Digital Earth	GEG 130	3	NS		X				Staff	Capstone Course in Geospatial Technology	GEG 239	2			X		X		Jon Little
Cartography	GEG 131	3			X				Heather Pierce	Elective course Technical Writing (ENG 251, Intro to Python (CPT 101), Business GIS (GEG 135*)		3							
Introduction to Remote Sensing	GEG 133	3			X				Jonathon Little	*Business GIS offered in fall									
Total Credits		13								Total Credits		11							

CREDIT SUMMARY

General Education (SUNY)	
Major	
Required Electives	
Electives	
Total	24

Liberal Arts Core (SED)	
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¹ For programs that require external clinical instruction, agency placement, practice teaching, internships, fieldwork etc., complete and attach Appendix C – External Instruction. ² “Staff” may be used, if appropriate – especially for non-major courses.