

**GEOSPATIAL INFORMATION SYSTEMS – Land Information
ASSOCIATE of APPLIED SCIENCE
University of Arkansas – Fort Smith**

2003/2004 Catalog
Program Plan

Assessment scores (ACT or COMPASS), required of all first-time entering students without previous college work, are used to determine skill readiness to be successful in college-level work. College Preparatory courses may not transfer or apply to graduation requirements. All college preparatory work should be completed within the first 30 hours.

READ 0503 0513	ENGL 0153 0163	MATH 0093 0233 1203 or equivalents
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IDS 1203 is required for first-time full-time students.

AAS REQUIREMENTS

Course	Pre or Co Requisites	Hrs
GEOS 1004 Intro to Geospatial Info Sys		4
GEOS 1103 Land Info Sys & Survey		3
ENGL 1203 Freshman English I	Pre placement or ENGL 0163	3
MATH 1403 College Algebra	Pre placement or MATH 1203	3
ITC 1353 Logic and Design for IT	Pre required computer literacy placement score Pre or Co MATH 1403	3
GEOS 1204 Vector GIS	Pre GEOS 1103 or consent	4
GEOS 1304 Advanced Global Positioning Systems	Pre GEOS 1103 or consent	4
ITC 2512 Data Modeling	Pre ITA 1201 and ITC 1323	3
MATH 1453 Plane Trigonometry	Pre placement or MATH 1403	3
ENGL 1223 Technical Composition	Pre ENGL 1203	3
GEOS 1901 Practicum (optional)	Pre instructor consent	1-4
GEOS 2003 GIS in Public Policy	Pre or Co GEOS 1004	3
GEOS 2104 Raster GIS	Pre GEOS 1103	4
GEOS 2204 Advanced Vector GIS	Pre GEOS 1204, MATH 1453 and ENGL 1223	4
GEOS 2402 Advanced GIS Topics (Seminar)	Pre GEOS 1004, MATH 1453 and ENGL 1223	2
ITC 2522 Queries	Pre ITC 2512	3
ITC 2532 Building a Database	Pre ITC 2522	
GEOS 2504 Basic Cartography & Computer Mapping	Pre or Co GEOS 1204	4
GEOS 2704 Intro Spatial Statistics and Computer Modeling	Pre GEOS 2104, MATH 1453 and ENGL 1223	4
GEOS 2804 GIS in City and County Government	Pre GEOS 1204 and 2003, MATH 1453 & ENGL 1223	4
GEOS 2901 Independent Study of GIS/GPS Topics (optional)	Pre instructor consent	1-4
POLS 2853 State & Local Government		3

Total Hours 64-72

The technical courses are not intended to transfer to a 4-year institution, although some of the individual courses may be transferable.

