

Extended B.S. in Public Planning
Geographic Information Management Emphasis
Program Revision Fall 2002

Name _____ ID# _____
 Address _____ Email _____
 Advisor _____ Date _____

Extended Planning Major 60 Hours

I. **Planning Core – 45 hours** *These courses are designed to dovetail providing a solid educational and experiential base for planning students.*

			Semester	Grade
PL201	3	Intro to Planning	-----	-----
PL 306	3	Public Participation in Planning	-----	-----
PL301	3	Planning Law	-----	-----
GGR371	3	Urban/Economic Geography	-----	-----
PL 303	3	Design and Preservation	-----	-----
PL308W	3	Land Use Policy/Community Project	-----	-----
PL406	3	Planning Data Analysis	-----	-----
PL431	4	Mapping and Plan Analysis	-----	-----
PL401	2	Planning Permitting and Review	-----	-----
PL405	4	Planning Studio	-----	-----
PL408	6	Internship with a professional agency (min. 270 hours)	-----	-----
STA270	3	Statistics	-----	-----
ENG205	2	Academic Writer's Workshop	-----	-----
ENG 302 <i>or</i>	3	Technical Writing	-----	-----
ENG 305		Disciplinary Writing (or other advisor approved writing course)		

Note: Up to 12 hours of PL 408 can be taken for credit. Any additional 3-6 hours are to be slotted into the emphasis area. All internships are to be relevant to the major and/or the emphasis area.

II. **Geographic Information Management Emphasis Area - 15 Hours (min)**

Please be aware that there may be prerequisites to these courses

GGR 239 <i>or</i>	4	Intro to GIS		
GGR 230	4	Map and Image Interpretation	-----	-----
GGR331	4	Computer Cartography	-----	-----
GGR 433 <i>or</i>	4	Survey of GIS		
GGR437 <i>or</i>	3	Applications in GIS	-----	-----
PL432	3	GIS for Planners (Select one)		

Plus 4-6 elective hours chosen with advisor:

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Suggested electives:	GGR 330 Cartography	GGR 433 Survey of GIS
	GGR 437 Applications in ArcView	PL 432 GIS for Planners
	GGR525 Geographic Information Systems	GGR 250 Physical Geography
	GGR 422 Remote Sensing I	

Other Requirements: A minimum of 30 hours must be upper division. You must have taken a minimum of 30 hours at NAU, of which 18 hours must be upper division.