



SAN FRANCISCO STATE UNIVERSITY- COLLEGE OF EXTENDED LEARNING
APPLICATION FOR GEOGRAPHIC INFORMATION SYSTEMS (GIS) CERTIFICATE OF COMPLETION
Concentration in Environmental Analysis

Student Name _____ Date _____
(List as you wish name to appear on certificate) Student ID # _____
Current Address _____ e-mail _____
City/State/Zip _____ Telephone _____
Semester of Graduation _____

CORE PROGRAM (All five courses are required – 8.0 CEUs)

- GEOG 9003 Introduction to GIS (1.6 CEU)
- GEOG 9004 Managing a GIS Project (1.6 CEU)
- GEOG 9009 Cartographic Design for GIS (1.6 CEU)
- GEOG 9015 Database Management for GIS (1.6 CEU)
- GEOG 9022 Data Acquisition for GIS (1.6 CEU)

Term Registered

ELECTIVES Category I (8.0 CEUs are required)

- GEOG 9008 Raster GIS and Analysis (1.6 CEU)
- GEOG 9010 Using GPS for GIS (1.6 CEU)
- GEOG 9024 Watershed GIS (1.6 CEU)
- GEOG 9011 Remote Sensing for GIS, Part I (1.6 CEU)
- GEOG 9013 Spatial Analysis and Modeling (1.6 CEU)
- GEOG 9029 Processing GIS Data Using Model Builder and Python (1.6 CEU)
- GEOG 9032 Ecological Applications of GIS (1.6 CEU)
- GEOG 9023 GIS and Remote Sensing for Coastal and Marine Scientists (1.6 CEU)

ELECTIVES Category II (3.2 CEUs are required)

- GEOG 9020 Scientific Visualization in GIS (1.6 CEU)
- GEOG 9019 Remote Sensing for GIS, Part II (1.6 CEU) Introduction to
- GEOG 9021 Programming ArcGIS (1.6 CEU)
- GEOG 9031 Introduction to R (1.6 CEU)
- GEOG 9030 Building a Geodatabase (1.6 CEU)
- GEOG 9033 GIS for Sustainable Planning and Urban Design (1.6 CEU)

Please submit the following elements of a complete application: 1) Write your \$50.00 check or money order payable to "SF State College of Extended Learning"; 2) Send with completed application form and 3) Copy of your unofficial transcript to: Geographic Information Systems Certificate Program, SF State College of Extended Learning, 835 Market Street, 6th Floor, San Francisco, CA 94103. If you are transferring from another institution, please send the official transcript to the above address. Incomplete applications will not be processed.

The undersigned approve award of the Certificate of Completion:

Jerry Davis, Ph.D., Director, GIS Certificate Program

Date

Angie Lipschuetz, Ph.D., Acting Dean, College of Extended Learning

Date