

GIS ACADEMIC CERTIFICATE CHANGE

FORM FOR REQUEST FOR MINOR CHANGE IN UNDERGRADUATE PROGRAM

Program: The Certificate in GIS Technology

Department: SSGT College: Lexington Community College

Bulletin pp. 54

CIP Code: _____ UK ID No.: _____ HEGIS CODE: _____

Accrediting Agency (if applicable): _____

List Minor Changes

Current: The GIS Technology Certificate requires the completion of twenty-four (24) hours of coursework.

Non-certificate seeking students are free to take courses in GIS. All students pursuing the certificate

must take the following four core courses:

CIS 105 - Introduction to Computing

GIS 110 - Spatial Data Analysis and Map Interpretation

GIS 120 - Introduction to Geographic Information Systems

GIS 210 - Advanced Geographic Information Systems.

Students must complete one of the following related field course pairings listed below. The student may not complete the requirement by selecting courses from different pairs. It is highly recommended that the student select the course pairing that doubles as requirements for their technical degree (or pre-major requirement for the B.A./B.S. in geography)

Eligible Course Pairings for GIS Technology Certificate

- Earth's Physical Environment (GEO 130) *and/or* Pollution, Natural Hazards and Environmental Management (GEO 210) *and/or* Introduction to Planning (GEO 285)
- Fundamentals of Hydrological Geology (EST 160) *and* Fundamentals of Solid Waste (EST 250)
- Visual Basic I (CIS 148) *and* Visual Basic II (CIS 248)
- Introduction to Computer-Aided Design (CAD 100) *and* Intermediate Computer-Aided Design (CAD 200)
- Computer Aided Drafting I (ACH 185) *and* Computer Aided Drafting II (ACH 285) *or* Computer 3-D Modeling (ACH 298)
- Introduction to Surveying (CE 211) *and* Intermediate Surveying (CET 220)

Students must also take a minimum of six (6) hours of *General Education* courses in order to receive a certificate in GIS Technology from Lexington Community College, unless otherwise noted on their academic transcript(s).

Proposed: The GIS Technology Certificate requires the completion of twenty-four (24) hours of coursework.

Non-certificate seeking students are free to take courses in GIS. All students pursuing the certificate

must take the following four core courses:

CIS 105 - Introduction to Computing

GIS 110 - Spatial Data Analysis and Map Interpretation

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Eligible Course Pairings for GIS Technology Certificate

- Earth's Physical Environment (GEO 130) *and/or* Pollution, Natural Hazards and Environmental Management (GEO 210) *and/or* Introduction to Planning (GEO 285)

- Fundamentals of Hydrological Geology (EST 160) and Fundamentals of Solid Waste (EST 250)
- Visual Basic I (CIS 148) and Visual Basic II (CIS 248)
- Introduction to Computer-Aided Design (CAD 100) and Intermediate Computer-Aided Design (CAD 200)
- Computer Aided Drafting I (ACH 185) and Computer Aided Drafting II (ACH 285) or Computer 3-D Modeling (ACH 298)
- Introduction to Surveying (CE 211) and Intermediate Surveying (CET 220)
- Other appropriate course pairings may be approved with prior written consent from the coordinator of the Certificate in GIS Technology

Students must also take a minimum of six (6) hours of General Education courses in order to receive a certificate in GIS Technology from Lexington Community College, unless otherwise noted on their academic transcript(s).

Rationale for Proposal: Students interested in pursuing the Certificate in GIS Technology may have a previous technical course background in a field not listed under eligible course pairings in the Bulletin.

The inclusion of the additional statement enables the coordinator of the Certificate the necessary latitude to grant students permission to pursue additional course pairings if they are appropriate to their field of study.

Will this change be printed in the Bulletin? Yes X No _____

If so, where? Page 54

The Minor Change route for courses is provided as a mechanism to make changes in existing courses and is limited to one or more of the following:

- a. change in number within the same hundred series;
- b. editorial change in description which does not imply change in content or emphasis;
- c. editorial change in title which does not imply change in content or emphasis;
- d. change in prerequisite which does not imply change in content or emphasis;
- e. crosslisting of courses under conditions set forth in item 3.0;
- f. correction of typographical errors. [University Senate Rules, Section III - 3.1]

