

Proposal for Dual Degree Programs by Master of Business Administration and Professional Science Masters in Geographic Information Science

Program Mission: The purpose of the Dual Degree Program leading to degrees in both the Master of Business Administration (Applied Management Option) and the Professional Master of Science in Geographic Information Science is to provide an opportunity for candidates who seek to develop advanced knowledge and skills in leadership, management, and business functions and those who seek to complement that with expertise in geographic information science, spatial data management and analysis to pursue both areas of interest. The dual degree program is designed to meet the mission of each degree program.

Admission Requirements: To be eligible for degree candidacy in both programs, applicants must meet all of the requirements for admission to the Graduate School (see [“Admission to Degree and Certificate Programs”](#)).

- Admission to the Master of Business Administration: In addition to the published university graduate degree status requirements, applicants must meet all of the requirements for the Master of Business Administration established by the School of Business as outlined in the current Graduate Catalog.
- Admission to the Professional Science Master's degree in Geographic Information Science (PSM in GISci). In addition to the published university graduate degree status requirements, applicant must meet all of the admission requirements for the PSM in GISci as outlined in the current Graduate Catalog.

Degree Audit: The graduate plan of study is the EIU Degree Audit, which is generated automatically in the Degree Audit Reporting System (DARS) at the time of degree or certificate candidacy. Modifications of the standard EIU Degree Audit are submitted by the graduate coordinator to the certification officer in the Graduate School at the time modifications are approved. The Degree Audit serves as an unofficial summary of requirements for the program. Degree and certificate candidates are advised to review the comprehensive summary of the Degree Audit process specified on the “Requirements for All Degree and Certificate Candidates” section of the *Graduate Catalog*. Individual programs may require candidates to submit plans of study in addition to the Degree Audit; candidates should consult with the program Coordinator.

Degree Requirements

Shared Coursework: The following courses may be applied to each degree program:

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|------------|---|--|
| • MBA 5010 | 3 | (Accounting from a Management Perspective) |
| • MBA 5680 | 3 | (Organizational Behavior & Group Dynamics) |
| • GEO 5810 | 3 | (Intro to Geographic Information Science) |
| • GEO 5820 | 3 | (Remote Sensing I) |

Total Shared	12
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MBA Applied Management Option: The following MBA courses are required:

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| • MBA 5000 | 3 | (Strategic Management) |
| • MBA 5500 | 3 | (Quantitative Modeling) |
| • MBA 5550 | 3 | (Marketing Management) |
| • MBA 5640 | 3 | (Financial Management) |
| • MBA 5660 | 3 | (Operations Management) |
| • MBA 5670 | 3 | (Management of Information Technologies) |
| • MBA 5900 | 3 | (Management Simulation) |

Total	21
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PSM-GIS Coursework: The following courses are required for the PSM in GIScience:

One of the following (3 credits):

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| • GEO 5880 | 3 | (Geospatial Data Models) |
| • MAT 5151 | 4 | (Probability) |
| • BIO 4750 | 3 | (Statistical Analysis of Scientific Data) |

At least 14 credit hours from the following:

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|------------|---|------------------------------------|
| • GEO 4910 | 4 | (GIS Programming) |
| • GEO 5830 | 3 | (GIS: Building Geodatabases) |
| • GEO 5870 | 3 | (Remote Sensing II) |
| • OSC 4820 | 3 | Business Analytics and Data Mining |
| • CIT 4823 | 3 | Big Data |
| • PLS 4793 | 3 | Civic and NonProfit Leadership |
| • TEC 5323 | 3 | Advanced Database Technology |
| • GIS 5970 | 3 | Special Topics in GIS |

One of the following (3 credits):

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|------------|---|---------------------------------------|
| • GEO 5980 | 3 | Geography Internship |
| • MBA 5980 | 3 | Internship in Business Administration |

Total	20
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Total hours required in the MBA/CENCRE Dual Degree Program

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|-------------------|----|
| • Shared Courses | 12 |
| • MBA Courses | 21 |
| • PSM-GIS Courses | 20 |

Total	53
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APPROVALS

Date approved by the PSM-GIS Committee: 11/27/2017

Date approved by the School of Business Graduate Committee: 12/5/2017

Date approved by the College of Sciences curriculum committee: 12/1/2017

Date approved by the LCBAS curriculum committee: 02/20/2018

Date approved by CAA: N/A CGS: