

# GEOSPATIAL INTELLIGENCE, POST-BACCALAUREATE CERTIFICATE (P.B.C.)

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15 credits required

| Course                              | Title  | Credits   |
|-------------------------------------|--|-----------|
| Complete the following core courses |  |           |
| GEOG661                             | Fundamentals of Geospatial Intelligence  | 3         |
| GEOG662                             | Advances in GIS and Remote Sensing   | 3         |
| GEOG697                             | Capstone Project   | 3         |
| Complete six credits of electives   |  | 6         |
| GEOG646                             | Programming for GIS  |           |
| GEOG656                             | Advanced Programming for GIS   |           |
| GEOG660                             | Advanced Remote Sensing Using Lidar  |           |
| GEOG663                             | Big Data Analytics   |           |
| GEOG664                             | GEOINT Systems and Platforms   |           |
| GEOG665                             | Algorithms for Geospatial Intelligence Analysis  |           |
| GEOG666                             | Drones for Data Collection (Drone for Data Collection) <sup>VPAC pending</sup>                                 |           |
| GEOG677                             | Web GIS  |           |
| GEOG680                             | GEOINT Networks  |           |
| GEOG682                             | Open Source Intelligence   |           |
| GEOG683                             | Hazards and Emergency Management   |           |
| GEOG686                             | Mobile GIS and Geocomputing  |           |
| GEOG684                             | (Image Analysis and Geovisualization) <sup>Being developed</sup>   |           |
| GEOG685                             | Machine Learning and Data Mining (Machine Learning and Data Mining) <sup>Being developed</sup>                 |           |
| GEOG687                             | Applied GEOINT- Regional Geostrategic Issues (Geospatial Intelligence for Security) <sup>Being developed</sup> |           |
| GEOG689                             | (Human and Activity-Based Intelligence) <sup>Being developed</sup>   |           |
| GEOG690                             | (Data Visualization) <sup>Being developed</sup>  |           |
| GEOG691                             | (Food Security) <sup>Being developed</sup>   |           |
| GEOG696                             | (Independent Study in GEOINT (VPAC submitted)) <sup>Being developed</sup>                                      |           |
| <b>Total Credits</b>                |  | <b>15</b> |