

# CERTIFICATE: APPLIED DATA ANALYTICS GRADUATE LEVEL

Code	Title	Hours
<b>Required Courses</b>		
INF 601G	Advanced Programming with Python	3
INF 603G	Big Data Analytics	3
INF 652G	Database Design and Programming	3
INF 678G	Seminar in Informatics	3
<b>Total Hours</b>		<b>12</b>

**This is an FHSU advisory certificate.** Advisory certificates are typically 9-15 hours of coursework. The certificates are designed by FHSU faculty to provide students a guide to choosing courses that introduce and develop a subject knowledge and/or skills. These certificates may be used to select a focus within a major, to develop additional knowledge and skills to complement a major, or to pursuing a topic of interest with open elective hours.

Courses taken as part of an advisory certificate are listed on the student's transcript, however the advisory certificate is not listed on the transcript. Many FHSU departments provide a completion certificate that students may use to show they completed the advised coursework, and talk about what it added to their degree. Non-degree students may complete the classes outlined in an advisory certificate and receive a completion certificate if offered by the department, however they are not enrolled in a degree plan or eligible for student aid.