# THE UNIVERSITY OF TEXAS AT ARLINGTON
# GRADUATE WORKSHEET - LEARNING ANALYTICS

**Name:** _____    **Student ID#:** _____

**Catalog:** _____    **Email:** _____    **Phone #:** _____

**Faculty Mentor Name:** _____

**Faculty Mentor Approval:** _____    Date: _____

**Grad Student Signature:** _____    Date: _____

| | Sem Taken | Hours to Earn | Hours Earned | Grade Earned |
|---|---|---|---|---|
| *Required Core Courses (18 hours)* | | | | |
| 5310 Learning Analytics Fundamentals | 1 | 3 | | |
| 5360 Introduction to Data Analysis and R | 1 | 3 | | |
| 5320 Experimental Design and Methodology | 2 | 3 | | |
| 5330 Psychology of Learning/Learning Sciences | 2 | 3 | | |
| 5340 Big Data Methods | 3 | 3 | | |
| 5350 Privacy & Ethics in Learning Analytics | 3 | 3 | | |
| **Subtotal** | | **18** | **0** | |
| *Elective Coursework (12 hours)* | | | | |
| 5370 Introduction to Statistical Analysis (leveling course) | 4 | | | |
| 5375 Probability and Statistical Inference | 4-5 | | | |
| 5376 Applied Regression Analysis | 4-5 | | | |
| 5377 Linear Models and Experimental Design | 4-5 | | | |
| 5378 Multidimensional Scaling and Clustering | 4-5 | | | |
| 5380 Causal Inference for Program Evaluation | 4-5 | | | |
| 5388 Adv. Methods in Educ. Data Mgmt./Learning Analytics | 4-5 | | | |
| 5390 Learning Design and Analytics | 4-5 | | | |
| 5391 Independent Study | 4-5 | | | |
| 5392 Cognition, Computers, and Metacognition | 4-5 | | | |
| 5393 Natural Language Processing for Educational Research | 4-5 | | | |
| 5394 Social Network Analysis (SNA) | 4-5 | | | |
| 5395 Human and Artificial Cognition | 4-5 | | | |
| | | | | |
| **Subtotal** | | **12** | **0** | |
| *Capstone (6 hours)* | | | | |
| 5610 Capstone | 6 | 6 | | |
| **Subtotal** | | **6** | **0** | |
| **Total** | | **36** | **0** | |
| **LAPS GPA:** | | | | |
| **CORE GPA:** | | | | |
| **OVERALL GPA:** | | | | |

**Notes:**

**UPDATED:**