PEPPERDINE | GRAZIADIO
BUSINESS SCHOOL

Fall Start MS in Business Analytics CURRICULUM PLANNING WORKSHEET
(To be used only as a guide for working with your Program Advisor)
RECOMMENDED COURSE SEQUENCE

Student Name:	CWID:
Pepperdine Email:	
Course Number: Course Description (units)	*Completed*
FIRST TERM (Fall) - 15 units	
● BSCI 650: Personal and Leadership Development Workshop (1)	
● DESC 620: Advanced Statistical Tools (2)	
● DESC 626: Simulation Modeling (2)	
● DESC 637: Multiple Attribute Decision Analysis (2)	
● ISTM 624: Databases and Big Data Management (2)	
● ISTM 631: Programming for Business Analytics (2)	
● PGBS 560: Career Seminar (0)	
● Elective:_____ (2)	
● Elective:_____ (2)	
SECOND TERM (Spring) - 14 units	
● DESC 624: Predictive Analytics (2)	
● DESC 629: Communications with Data (2)	
● ISTM 622: Social Media Analytics (2)	
● ISTM 627: Marketing Informatics (2)	
● ISTM 664: Business Process Analysis and Innovation (2)	
● Elective:_____ (2)	
● Elective:_____ (2)	
THIRD TERM (Summer) - 14 units	
● DESC 622: Optimization Modeling (2)	

● ISTM 626: Applying Analytics to Achieve Business Impact (2)	
● PGBS 670Z: Analytics Education to Business (2) *co-curricular*	
● PGBS 697: Applied Research (2) *co-curricular*	
● Elective:_____ (2)	
● Elective:_____ (2)	
● Elective:_____ (2)	

ELECTIVES (choose 14 units from the following):

- DESC 621 Valuation of Real Options (2)
- DESC 627 Supply Chain Management Analytics (2)
- DESC 628 Healthcare Analytics (2)
- DESC 636 Project Management (2)
- ISTM 630 Information Security Data Analytics (2)
- ISTM 660 Business Analytics and Intelligence (2)
- PGBS 698 Contemporary Issues in Business and Management (2) (with business analytics focused content)
- STGY 621 Competitive Intelligence (2)

Elective course availability will vary per term and year based on instructor availability, enrollment, and program needs. Although elective courses are not guaranteed to be scheduled on a regular cycle, students will be provided a choice of relevant options from the program's elective list during course registration.