

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

<b>Student Name:</b>	<b>CWID:</b>
<b>Pepperdine Email:</b>	
<i>Course Number: Course Description (units)</i>	<i>Completed</i>
<b>FIRST TERM - 15 units</b>	
• 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)	
<b>SECOND TERM - 14 units</b>	
• 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)	
<b>THIRD TERM - 14 units</b>	
• DESC 622: Optimization Modeling (2)	

<ul style="list-style-type: none"> <li>● ISTM 626: Applying Analytics to Achieve Business Impact (2)</li> </ul>	
<ul style="list-style-type: none"> <li>● PGBS 670Z: Analytics Education to Business (2) <i>co-curricular</i></li> </ul>	
<ul style="list-style-type: none"> <li>● PGBS 697: Applied Research (2) <i>co-curricular</i></li> </ul>	
<ul style="list-style-type: none"> <li>● Elective: _____ (2)</li> </ul>	
<ul style="list-style-type: none"> <li>● Elective: _____ (2)</li> </ul>	
<ul style="list-style-type: none"> <li>● Elective: _____ (2)</li> </ul>	

**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.*