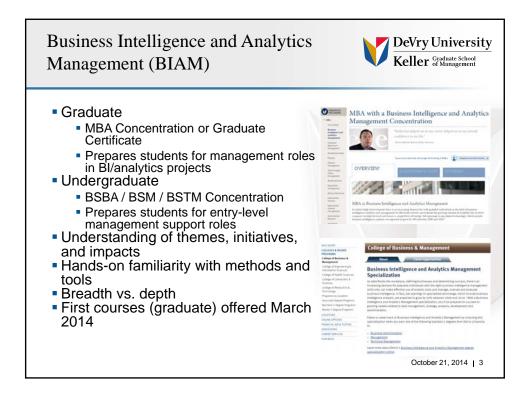
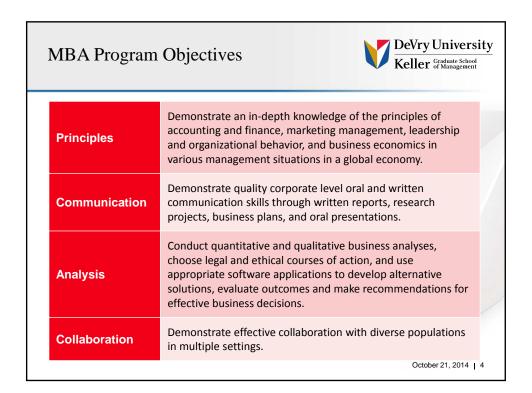


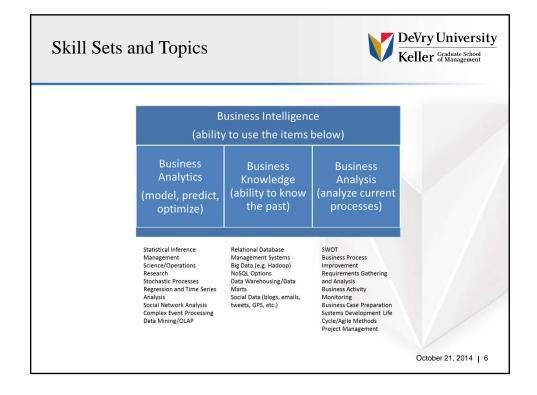
Walker, Evans, & Sran 1





Walker, Evans, & Sran

BIAM Concentration Objectives DeVry Universi Keller Graduate School Management	
Tools	Identify and evaluate based on relative strengths and weaknesses the appropriate analytical tools needed to solve multi-functional business problems.
Translation	Act as a translator by formulating an explanation of the results of a business intelligence project that is understandable by the business function expert and agreeable to the analyst.
Impacts	Assess the organizational impact of applying business intelligence techniques to an organization's problems and suggest approaches to maximize the benefits and minimize the costs.
Strategy	Support senior level mangers in understanding the strategic implications of applying the techniques of business intelligence to their organization.
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Curriculum



- Program Core (15 ch)
 - Accounting & Finance
 - Statistics
 - Leadership & Org. Behavior
 - MIS
 - Marketing
- Program-Specific (15 ch)
 - Managerial Accounting
 - Economics
 - Managerial Finance
 - Business Law
 - Business Planning Seminar (Capstone)

BIAM Concentration (12 ch)

- Applications of Business Analytics I & II
- Any 2 other BIAM courses
- General Electives (6 ch)
 - Any 2 courses with prereqs met



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Courses



BIAM500	Applications of Business Analytics I
BIAM510	Applications of Business Analytics II
BIAM530	Developing & Managing Databases for Business Intelligence
BIAM540	Internet Analytics Strategies
BIAM560	Predictive Analytics
BIAM570	Modeling for Decision-Making
GSCM520	Foundations in Global Supply Chain Management



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Business Analytics



- Teaching Strategies
 - Video-based labs
 - Case studies
- Tools
 - GUI
 - Open source
 - Excel add-ins (e.g. NodeXL)
 - R: Rattle, R Commander, R Studio
 - MongoDB: RoboMongo

- Challenges
 - Student time requirements
 - Big picture focus
 - Technical hurdles with centralized lab environment
- Student Reactions
 - "Tough but worth it"
 - Immediately applicable



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Image: Network analysis of a Twitter feed using NodeXL

Internet Analytics



- Teaching Strategies
 - Online discussions
 - Labs with clickstream analytics
 - Course project: Implementing a measurement plan
- Technologies
 - Demo versions of analytical tools
 - Internally developed web analytics simulator (Google Analytics-based)
- Challenges
 - Suitable textbooks
 - Access to tools and realistic data sets
 - Constant tool changes





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Database Management and Development



- Teaching Strategies
 - Case studies
 - Lab assignments
- Tools
 - Microsoft Visio
 - Microsoft Access
 - Microsoft SQL Server
 - Management Studio
 - Analysis Services
 - Business Intelligence Development Studio
 - AdventureWorks demo databases
- Challenges
 - Accessibility to students with varying backgrounds
 - Balance between business and technology

Image: SQL Server Analysis Services data cube

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Contact Information / Q&A



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- in https://www.linkedin.com/in/profwalker
- BIAM at DeVry University/Keller Graduate School of Management
 - http://www.devry.edu/degree-programs/college-businessmanagement/business-intelligence-and-analytics-about.html
 - http://www.keller.edu/graduate-degree-programs/mba-program/businessintelligence-mba.html
- This presentation:

https://sites.google.com/site/russwalker58/managing-bi

• Questions?



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