

Total of 12 courses (if foundation courses waived)

1. **GS 601 Strategic Information Management**
2. **GS 602 Business Process Management**
3. **GS 603 Leadership, Ethics and Corporate Responsibilities**
4. **GS 604 Global Strategy**
5. **ST 625 Regression and time series***
6. **ST 635 Multivariate statistics (logistic regression, cluster analysis, factor analysis)***
7. **MA 710 Data mining (decision trees, genetic algorithms, MARS, web mining, text mining etc)**
8. **MA 611 Time series analysis (including R)**
9. **CS 603 Object-oriented application development or CS 610 Enterprise Architecture**
10. **CS 605 Data management and systems modeling (including SQL)**
11. **CS 650 Data management architectures**
12. **Elective**



Strongly recommended electives

MK 711 Market research

MK 726 Customer data analysis and relationship marketing

CS 612 Web-based application design

HF 730 Visualizing information

* Must be approved by concentration advisor for use in IT concentration

Graduate Certificate in Business Analytics (Business Analytics): recommended course plan

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- ST 625 Regression and time series (required)
- ST 635 Multivariate statistics (logistic regression, cluster analysis, factor analysis)
- MA 710 Data mining (decision trees, genetic algorithms, MARS, web mining, text mining etc) and MA 611 Time series analysis (including R)
- CS 605 Data management and systems modeling (including SQL)

MBA with Analytics focus (Emerging Leaders): recommended course plan

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Required MBA Core plus

Eighteen elective credits in the following courses

1. ST 625 Regression and time series*
2. ST 635 Multivariate statistics (logistic regression, cluster analysis, factor analysis)*
3. MA 611 Time series analysis (including R)
4. MA 710 Data mining (decision trees, genetic algorithms, MARS, web mining, text mining etc)
5. CS 605 Data management and systems modeling (including SQL)