Georgia State Capstone

John C Martin – *Executive in Residence*

Georgia State University Overview

➤ Largest university in the state with a student population of over 50,000
  ➤ Spread across eight academic colleges and schools

➤ Over 250 undergraduate and graduate degree programs.

➤ More than 100 fields of study with around 3,500 faculty member

➤ ***68% of student body is a member of an under-represented minority***

➤ Alumni Include:
  ➤ Academy Award-winning actress Julia Roberts
  ➤ American rapper Ludacris.

Georgia State National Recognition

#2 *Most innovated university in the nation*
#2 *Best undergraduate teaching in the nation*
#9 *Best undergraduate IS programs*

#2 **Published & Cited IS Research in the World**
AIS Research Ranking Service, 2018

#10 **"Innovative" IT programs in nation**
Computerworld, 2018

2016 ...within three years, Georgia State's black, Hispanic, low-income and first-generation students were graduating at the same rate as the student body overall: *a first in US higher education...*

2016 - https://www.timeshighereducation.com/features/how-do-universities-use-big-data?utm_content=buffer4ea4e&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer#survey-answer

Computer Information Systems
Georgia State University

Course Directors

Prof. John Martin

- BS in MIS & MBA (Executive Leadership)
- Executive in Residence
- 8+ years of academic experience
- 30+ years' IT industry experience
  - Multiple senior executive positions
  - Finalist for Georgia CIO of the Year Award 2015 & 2016
  - Georgia IT Innovation award 2012, 2014 and 2015
  - Certified Government CIO designation from UNC
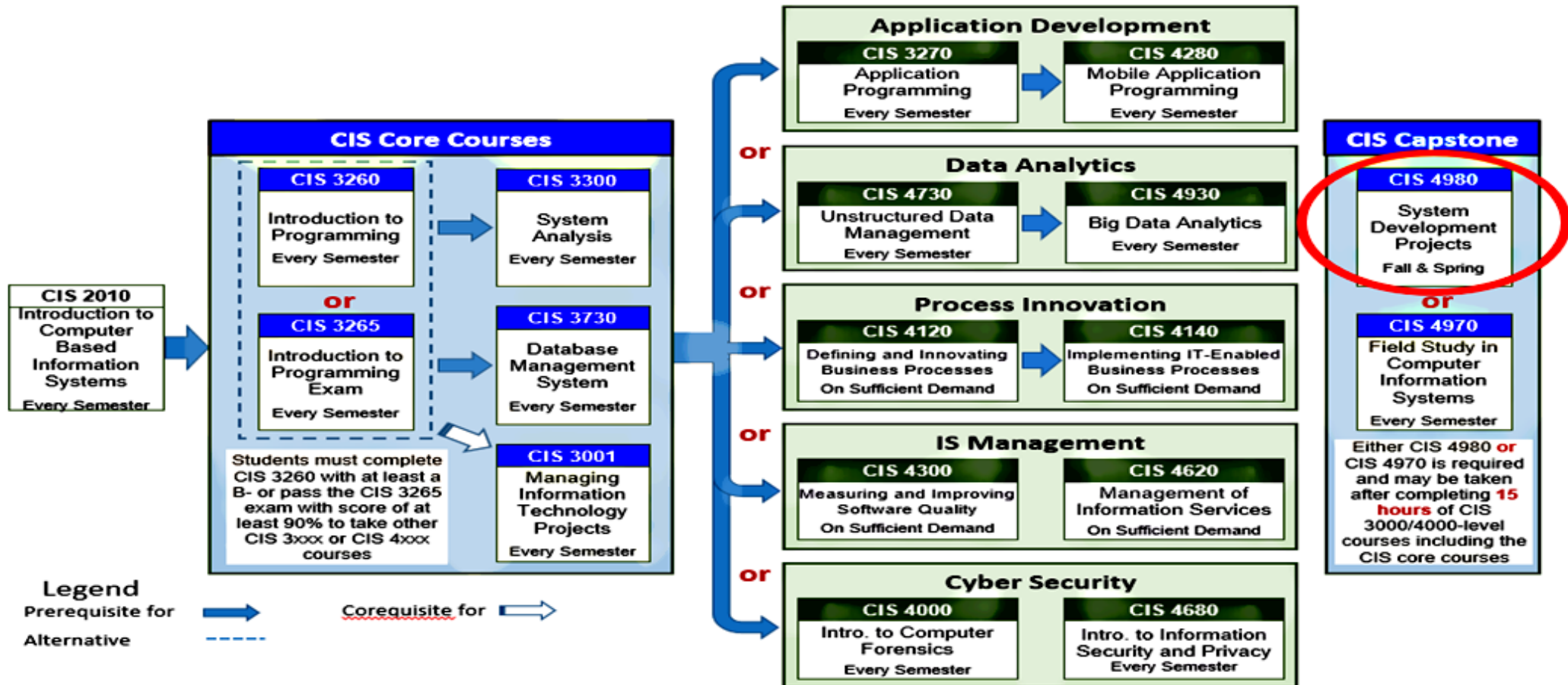 - Certified in Fintech (HKU), Blockchain (HKU), CMMI, ITIL, COBIT, 6 Sigma, TQM

Dr. Shuguang Hong

- MS & Ph.D. in CS
- 15+ years academic experience
  - CIS Associate Chair
- 15+ years IT industry experience
  - Data & system architecture
  - System development
  - Entrepreneurship
  - Multiple senior management positions

CIS Undergraduate Program Overview

CIS 4980 has the highest standard

➢ Only Graduating Seniors

➢ <u>At least</u> 10 hours "Client Work" per week

➢ Weekly in-person meetings at client site

➢ On-site working **_required_**

➢ **<u>Mandatory attendance</u>**
  ➢ Team meetings & working sessions
  ➢ In-person classes & meetings with the faculty

➢ Exemplifying the best GSU students!

Typical Student Projects

➤ **Research & Analysis**

◦ Analyze user requirements and propose IT solutions

◦ Evaluate business processes and IT operations and security policies and propose improvement suggestions

➤ **Development**

◦ Design and develop proof of concept (POC) or prototype systems

◦ Augment to organization's dev teams on specific tasks

➤ **Implementation**

◦ Assist in different phases of system implementation projects such as project management, user training, etc.

Responsibilities of Project Sponsors

➢ **Define requirements, scope, and deliverables** (1 Page Project Request)

➢ **Supervise student work**
- Meet the team weekly and offer guidance
- Review project plans and weekly updates to offer timely feedback
- Answer student questions
- Coordinate internal resources
- Alert the faculty of issues and problems

➢ **Evaluate student/project team performance**
- Midterm feedback to the students
- Final evaluation (40% of the course grade)

Some Project Sponsors

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