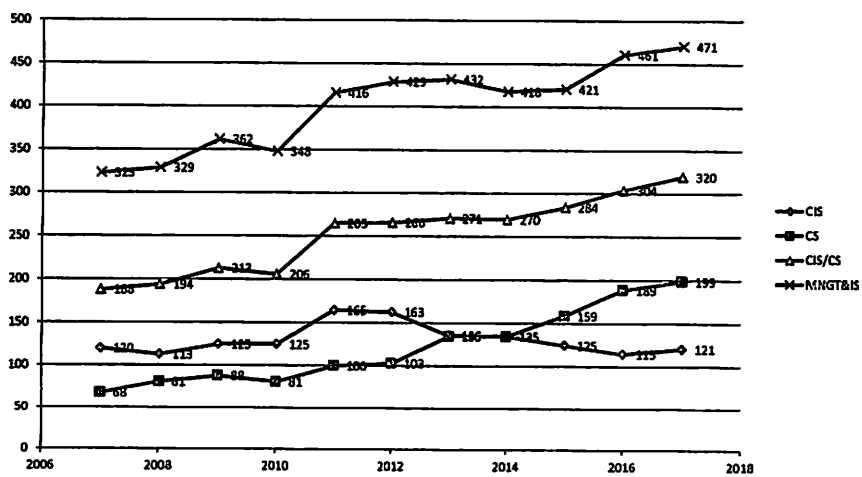


# Department Chair's Report for the IT Alliance

Dec 8, 2016

## MNGT&IS Department Enrollment Trends



## Large number of Freshmen entering CS Program

1ST AND 2ND MAJOR COUNTS BY CLASS		2015	2016	2017
MAJORS	CLASSIFICATION	STUDENTS	STUDENTS	STUDENTS
CS - COMPUTER SCIENCE	FRESHMAN	54	65	65
	SOPHOMORE	33	39	42
	JUNIOR	38	45	38
	SENIOR	34	40	54
		159	189	199
CIS - COMPUTER INFORMATION SYS BACCALAUREAT	FRESHMAN	27	25	19
	SOPHOMORE	25	29	21
	JUNIOR	26	24	30
	SENIOR	44	37	47
		122	118	121
CIS/CS Totals		281	307	320

## Faculty Resource Challenges

- Increase in enrollment ( i.e. during priority registration, several courses were filled after 2 or 3 days)
- MNGT & IS Department has moved from 18% of the students in the RCOB to 32%.
- Large number of freshmen entering the CS Program.
- Need for more multi-section courses.
- Large class size of new AP Online MBA courses.
- CIS faculty participation in MBA concentrations ( such as Data Analytics).
- At the same time, .....
  - the number of faculty has not increased proportionally.
  - CIS faculty have been used to support the CS Program.

## New CS Hire- Dr. Srishti Srivastava

Last summer, Dean Khayum secured a one-year faculty position for CS. Dr. Srishti Srivastava, who was hired to teach computer science courses. Srishti received a Ph.D. in Computer Science from Mississippi State University in May 2015.

Her research interests include dynamic load balancing in parallel and distributed computing, and performance modeling and optimization via autonomic computing.

She has authored and co-authored a number of articles published in renowned IEEE and ACM conferences, journals, and book chapters

Srishti is a professional member of the IEEE computer society, ACM, Society for Industrial and Applied Mathematics (SIAM), Computing Research Association (CRA, CRA-W), Anita Borg Institute Grace Hopper Celebration (ABI-GHC) for Women in Computing, and an honor society of Upsilon Pi Epsilon (UPE).

She is teaching Operating Systems, Theory of Programming Languages, Artificial Intelligence, and Introduction to Object Oriented Programming, at USI.

Along with Dr. Hui Shi, Srishti has established a Student Chapter of the ACM.

## Fall 2016

- Faculty Training
  - ERP/SAP –
  - ERP/SAP Simulation
  - Web Development
- Course prerequisite modifications
- This fall, we upgraded to Microsoft Imagine Premium for department, student, faculty, and staff software download needs.
- One product is Microsoft Project, which is being used in the newly developed CIS201 and CIS 477 Senior Project courses.
- In order to give students a chance to earn Project Management Professional Certification (PMI-PMP),
  - Management faculty have integrated and aligned some of their courses around project management and are planning to use Microsoft Project in these courses.

## Looking Ahead

- In spring, 2017, we are offering one Senior Project course for CIS students and two for CS students. Students in these courses will share details about their experiences with you at the spring, 2017 ITA meeting.
- CS Plans to offer a new course in the fall in parallel programming.
- In Fall, 2017, we will balance Senior Project offerings—one CIS and one CS Senior Project course each fall and spring.
- CIS and CS students will again participate in the Ball State Information System and Case Competition.