New Student Orientation
Graduate Programs in Software

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Facts about The University of St. Thomas (UST)

- Founded in 1885
- Coeducational in 1977
- Minnesota’s largest independent university
- Seven colleges and schools
  - College of Arts & Sciences
  - Opus College of Business
  - College of Education, Leadership, and Counseling
  - School of Divinity
  - School of Social Work
  - School of Law
  - School of Engineering

Graduate Programs in Software (GPS)

- Longest running and largest Software graduate program in the country
  - Started in 1985
  - Number of degree programs – 4
  - Software Engineering
  - Software Management
  - Information Technology
  - Data Science
  - Number of graduate certificates – 7
  - Number of courses – over 45
  - Number of graduates – over 3000
  - Number of students enrolled – over 500

Master of Science Degrees

- Software Engineering
  - 14 courses (42 semester credit hours)
- Software Management
  - 14 courses (42 semester credit hours)
- Information Technology
  - 12 courses (36 semester credit hours)
- Data Science
  - 12 courses (36 semester credit hours)

Graduate Certificates

Graduate Certificates are made up of 4 to 6 graduate level courses:

- Big Data
- Business Analysis
- Computer Security
- Information Systems
- Software Design and Development
- Advanced Study

Facts about The University of St. Thomas (UST)

- 96 undergraduate majors and 46 graduate programs
- Nearly 11,000 students, approximately 42% are graduate students
- Campuses/Sites
  - Saint Paul
  - Minneapolis
  - Rome
- Accredited by the Higher Learning Commission of The North Central Association of Colleges and Schools
Options in our Programs

• Graduate certificates
• Project option available to MS students
• MS and MBA dual degree option

Access to your Instructor

• Every faculty maintains office hours
• Also available by appointments, email, and phone

GPS Faculty and Staff

Ron Chiang, George Washington University, Distributed Systems, Cloud Computing
Frank Haug, U of St. Thomas, Database Management, Data warehouse
Chih Lai, Oregon State U, Data Mining, HealthCare Informatics, Real-Time
Bhabani Misra, North Dakota State U, Software Architecture, Operating Systems
Saeed Rahimi, U of Minnesota, Database Management, Big Data Management
Manjeet Rege, Wayne State U, Business Analytics, Data Mining
Brad Rubin, U of Wisconsin-Madison, Security, Big Data Architecture

Resources Available

• Library – open for extended hours
• Online resources – UST library subscribes to over 300 online databases
• Blackboard software used in UST
• Computing facilities available throughout the campus
• Campus wide wireless access

Course Load and Planning

• Plan in consultation with your advisor – Doug Stubeda
• Take what you can handle – we recommend two courses per semester
• Degree audit – you can do it yourself
• Note the prerequisites and frequency of course offerings

Professional Organizations

• IEEE and ACM student membership
• Twin Cities Spark and Hadoop User’s group
  – 1211 members (meetup.com)
• SCRUM user’s group meetings
• Minnesota Information Professional Society
• And more!
Software Engineering Book Club

- Founded by Dr. Brad Rubin
- For more details http://www.goodreads.com/group/show/32992.Software_Engineering
- Membership has grown to 294
- Currently reading "Making Sense of NoSQL"

UST Academic Integrity Policy

- Cheating - Intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise. The term academic exercise includes all forms of work submitted for credit.
- Fabrication - Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
- Facilitating Academic Dishonesty - Intentionally or knowingly helping or attempting to help another to violate a provision of the institutional code of academic integrity.
- Plagiarism - The deliberate adoption or reproduction of ideas, words, or statements of another person as one's own without acknowledgment. You cannot plagiarize whenever you use a source in any way without indicating that you have used it. If you quote anything at all, even a phrase, you must put quotation marks around it, or set it off from your own words, or give complete credit. If it is more than a phrase or sentence, indicate where the summary or paraphrase begins and ends. If you use an author’s ideas, you must say that you are doing so. In every instance, you also must formally acknowledge the written source from which you took the material. (This includes material taken from the World Wide Web and other Internet sources.)

Employment Opportunities

- UST Career Development Services http://www.stthomas.edu/careerdevelopment/
- On-campus jobs
- Internships
- Career fairs
- Job postings – by email and bulletin board
- Career Development information session held in GPS once a semester

UST Academic Integrity Policy

- Group work vs. individual work
- Picking up someone else’s work and copying it and submitting as one’s own
- Copy and paste from Internet
- Appeal process exists
- Academic Integrity is strictly enforced at UST

UST Academic Integrity Policy

- Honesty and trust among students and between students and faculty are essential for a strong, functioning academic community.
- Consequently, students are expected to do their own work on all academic assignments, tests, projects and research/term papers.
- Academic dishonesty, whether cheating, plagiarism or some other form of dishonest conduct related to academic coursework and listed in the Student Policy Book under “Discipline: Rules of Conduct” will automatically result in failure for the work involved. But academic dishonesty could also result in failure for the course and, in the event of a second incident of academic dishonesty, suspension from the university.

Study Tips

- Keep an open mind to learn
- Work hard and do not procrastinate
- Plan out your courses and activities for work/life balance
- Use the many resources available to you
- Never assume things, ask your instructors, and others for help. (We are here to help!)

Learn to become lifelong learner
Questions???