



Grad School at Missouri S&T

MISSOURI
S&T

Recruiting Team

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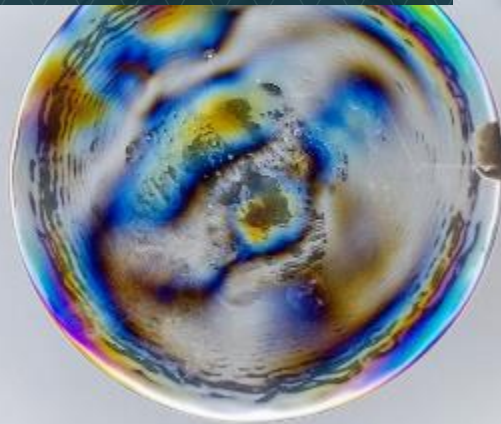
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Why S&T?



A Premier Technological Research University

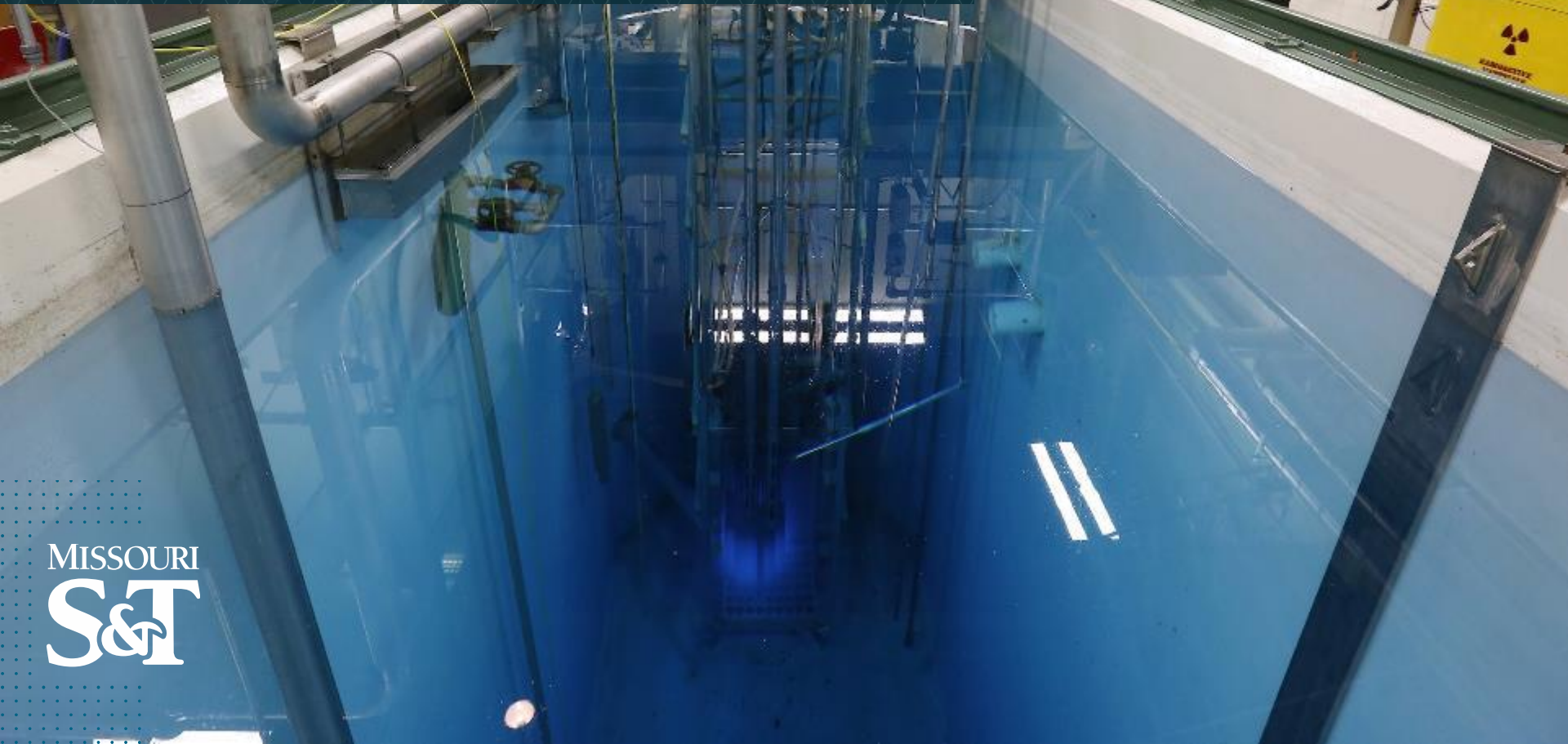
Mission:

- > Missouri S&T integrates education, research and application to create and convey knowledge that serves our state and helps solve the worlds greatest challenges.

America's Technological Research Universities



Available Degrees



21 PhD PROGRAMS

Aerospace Engineering
Ceramic Engineering
Chemical Engineering
Chemistry
Civil Engineering
Computer Engineering
Computer Science
Electrical Engineering
Engineering Management
Explosives Engineering
Geological Engineering
Geology and Geophysics
Materials Science & Engineering
Mathematics
Mechanical Engineering
Metallurgical Engineering
Mining Engineering
Nuclear Engineering
Petroleum Engineering
Physics
Systems Engineering



30+ MASTER'S PROGRAMS

Aerospace Engineering

Applied & Environmental Biology

Applied Mathematics

Business Administration

Ceramic Engineering

Chemical Engineering

Chemistry

Civil Engineering

Computer Engineering

Computer Science

Electrical Engineering

Engineering Management

Environmental Engineering

Explosives Engineering

Explosives Technology

Geological Engineering

Geology and Geophysics

Geotechnics

Industrial-Organizational Psychology

Information Science and Technology

Manufacturing Engineering

Materials Science & Engineering

Mathematics

Mechanical Engineering

Metallurgical Engineering

Mining Engineering

Nuclear Engineering

Petroleum Engineering

Physics

Systems Engineering

Technical Communication

70+ GRADUATE CERTIFICATES

Actuarial Science
Advanced Control Systems
AI, Machine Learning, and Automation in Business
Applied Workplace Psychology
Automation Engineering and PLC
Big Data Management and Analytics
Big Data Management and Security
Business Analytics and Data Science
Business Essentials
Business Intelligence
Business Project Management
CAD/CAM and Rapid Product Realization
Composite Materials and Structures
Computational Intelligence
Contemporary Structural Engineering
Control Systems
Cyber Security
Cybersecurity and Information Assurance Management
Digital Media and Web Design
Digital Supply Chain Management
Electric Machines and Drives
Electrical Power Systems Engineering
Electronic and Social Commerce
Energy Conversion and Transport
Engineering Management
Engineering Mechanics
Enterprise Resource Planning
Entrepreneurship & Technological Innovation
Explosives Engineering
Explosives Technology
Finance
Financial Engineering
Financial Mathematics
Financial Technology
Geoenvironmental Engineering
Geotechnical Earthquake Engineering
Geotechnics
Human-Computer Interaction and User Experience
Human Systems Integration
Information Assurance and Security Officer Essentials
Information System Project Management
Information Systems and Cloud Computing
Infrastructure Renewal
Lean Six Sigma
Management and Leadership
Management for Sustainable Business
Manufacturing Automation
Manufacturing Systems
Military Construction Management
Military Geological Engineering
Mining Engineering
Mobile Business and Technology
Model Based Systems Engineering
Network Centric Systems
Project Engineering & Construction Management
Project Management
Safety Engineering
Software Design and Development
Statistical Methods in Psychology
Statistics
Systems Engineering
Systems and Software Architecture
Technical Communication
Wireless Networks and Mobile Systems

Outstanding Research

A close-up photograph of a laboratory experiment. A person wearing a black nitrile glove is pouring a thick, bright yellow liquid from a clear plastic beaker into a clear plastic graduated cylinder. The liquid is being poured in a steady stream, creating a thin column. The background is blurred, showing a white car wheel and a dark surface, likely a lab bench. The overall scene is brightly lit, emphasizing the vibrant yellow color of the liquid.

CORE RESEARCH STRENGTHS

Electrical & Cyber Systems

Adaptive & Intelligent Systems

Cyber Security

Electromagnetic Compatibility

Sensors & Sensor Networks

Energy

Advanced Nuclear Reactors

Hydrokinetics

Smart/Micro Grid Technologies

Transportation Fuels

Environment

Atmospheric Particles & Pollutants

Nanoparticle Toxicity

Phyto-technologies

Safe Drinking Water

Civil Infrastructure

Blast Resistant Structures

Geotechnical Engineering

Innovative Construction Technologies

Repair & Rehabilitation of Structures

Manufacturing

Composites Manufacturing

Laser Materials Processing

Machining

Direct Digital Manufacturing

Materials

Biomaterials for Regenerative Medicine

Composites & Steel

Materials for Energy Applications

Materials for Extreme Environments

SIGNATURE RESEARCH AREAS



Advanced Manufacturing



Advanced Materials for Sustainable Infrastructure



Enabling Materials for Extreme Environments



Smart Living

CAMPUS & COMMUNITY

CAMPUS



MISSOURI
S&T

EXPLORE MISSOURI

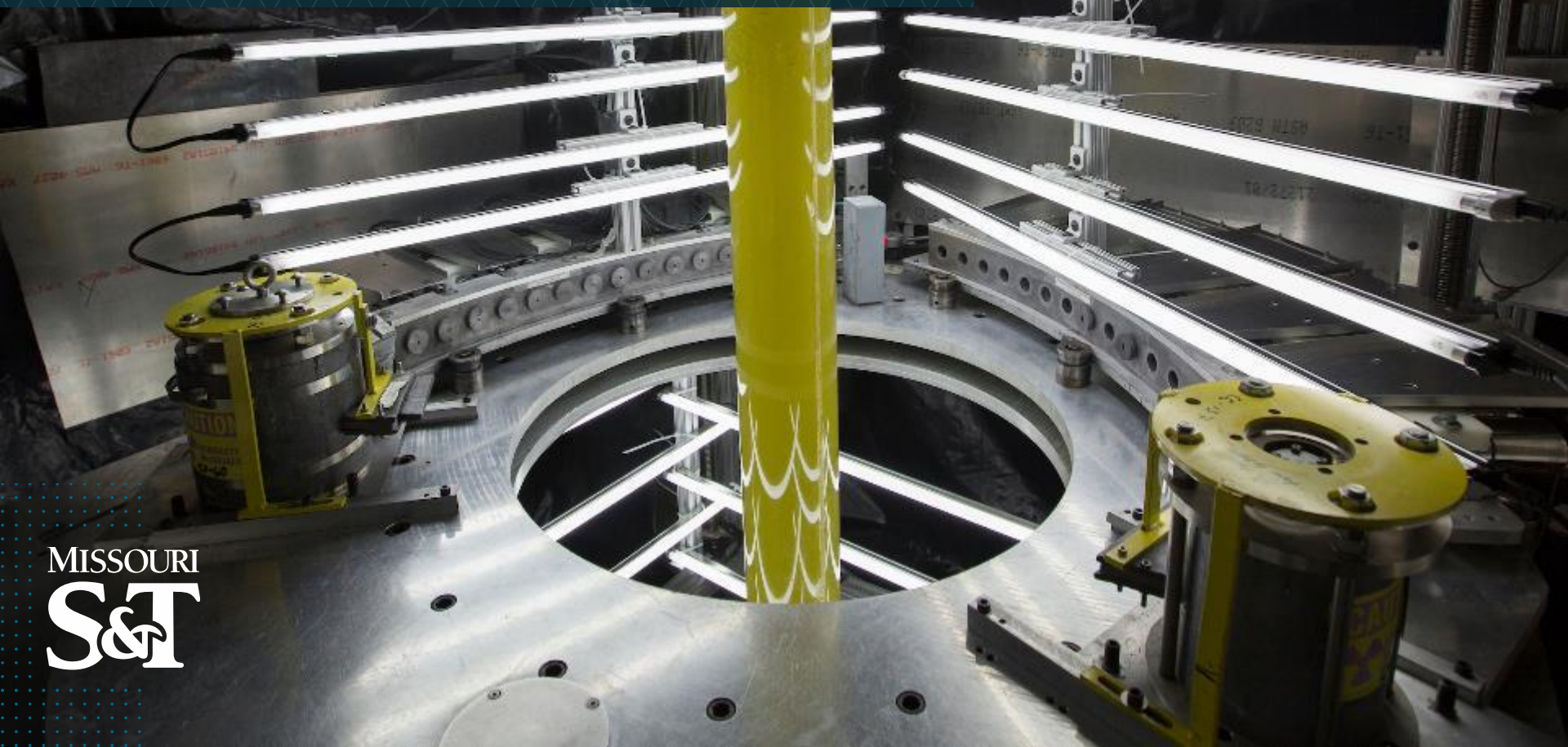
Rolla: The Center of Everywhere



> **Rolla is:**

- 1.5 hours from St. Louis
- 1.5 hours from Springfield
- 1.25 hours from Lake of the Ozarks
- 3.5 hours from Kansas City
- 1 hour from Jefferson City

EXTRAORDINARY SUCCESS



CAREER SUCCESS

ONE OF THE REGION'S LARGEST CAREER FAIRS

- Average starting salary for graduate students:
 - Master's Students: **\$76,070** avg. annually
 - PhD Students: **\$80,852** avg. annually
- Over 1,020 students completed a co-op or internship for 300+ companies around the world
 - Graduate Co-op: **\$3,975** avg. monthly salary
 - Graduate Intern: **\$3,865** avg. monthly salary
- **82%** of grads have secured firm plans at graduation
- Many top corporations, such as Boeing, Caterpillar, Shell Oil and Toyota list Missouri S&T as a “**top 20 key school**” for finding their future leaders



CAREER SERVICES FOR GRAD STUDENTS

> Career Fair

- February and September
- 300+ employers at Career Fairs
- One of the Region's Largest Career Fairs

> Advising

- Resumes & CV
- Interviewing
- Job offers & negotiating

> On-campus interviews

- Over 940 companies recruit on campus

- 4,000+ on-campus interviews each year

> Practice Interviews

> HireMiners & GoInGlobal

> Professional Seminars

> Employer Events & Seminars

> Etiquette Dinner

> FREE Suit Closet

EMPLOYERS

600+ CORPORATE PARTNERS / HIRING ORGANIZATIONS



MONSANTO



JOHN DEERE



CENTEX



ConocoPhillips



Microsoft



Barry-Wehmler

ExxonMobil

Peabody

Cargill



EMERSON

NORTHROP GRUMMAN



accenture



noranda



US ARMY
CORPS OF ENGINEERS



ADVISING AND EDITING

> Graduate Studies Advising

- Advisors interpret the graduate rules and regulations as listed in the Graduate Catalog
- Format check all thesis/dissertations

> Technical Editing

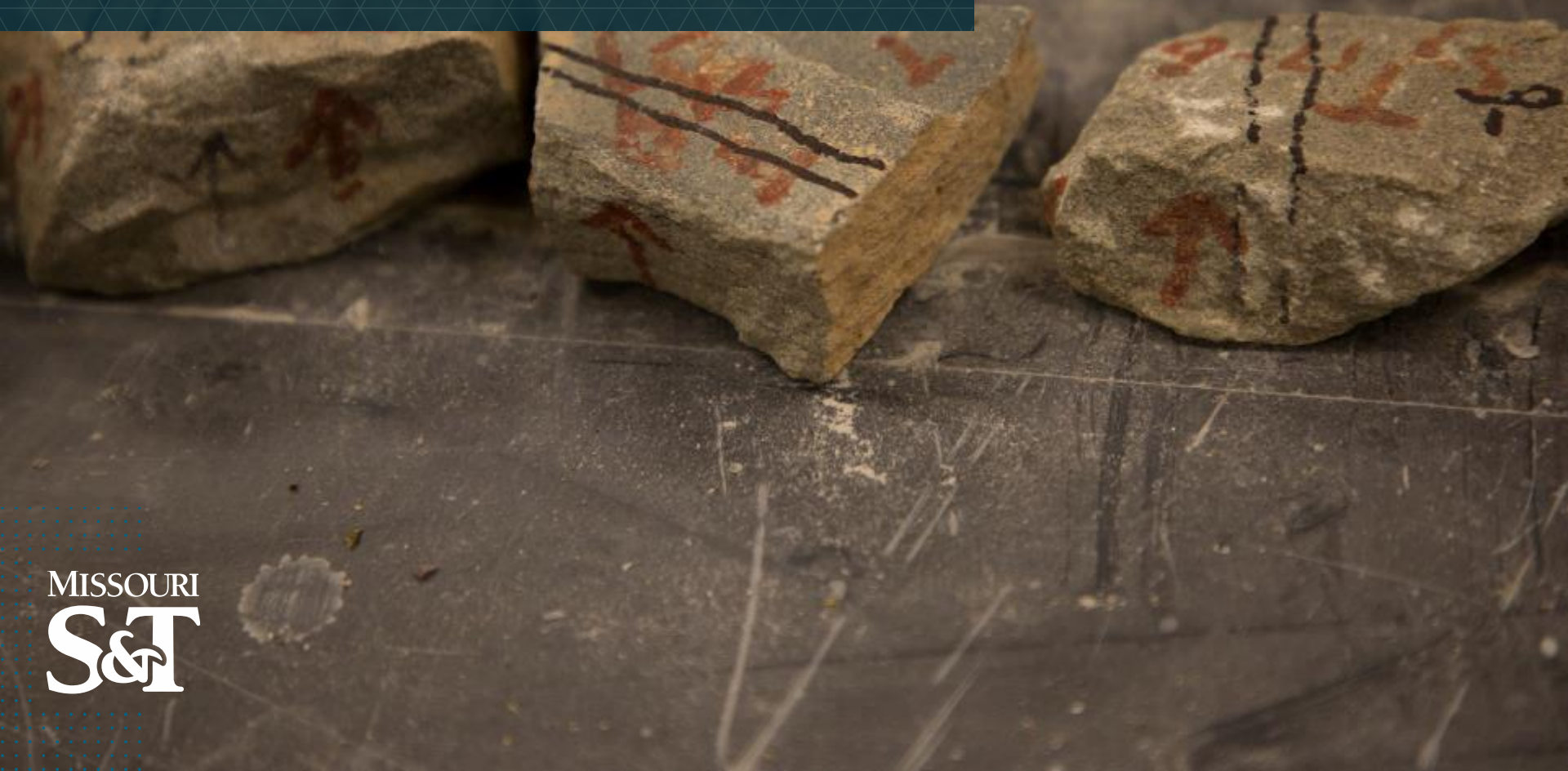
- Thesis
- Dissertations
- Journal articles
- Conference papers
- More!

OPPORTUNITIES

WORKSHOPS FOR GRAD STUDENTS

- > Formatting and Submitting Your Thesis/Dissertation
- > Thesis and Dissertation Writing Camp
- > Academic Writing Skills for ESL Graduate Students
- > Learning about EndNote
- > Learning about iThenticate
- > Using LaTeX

GETTING THE DEGREE



CREDIT HOURS

- > Master's – 30 hours minimum
- > Doctoral – 72 hours minimum beyond bachelor's degree*

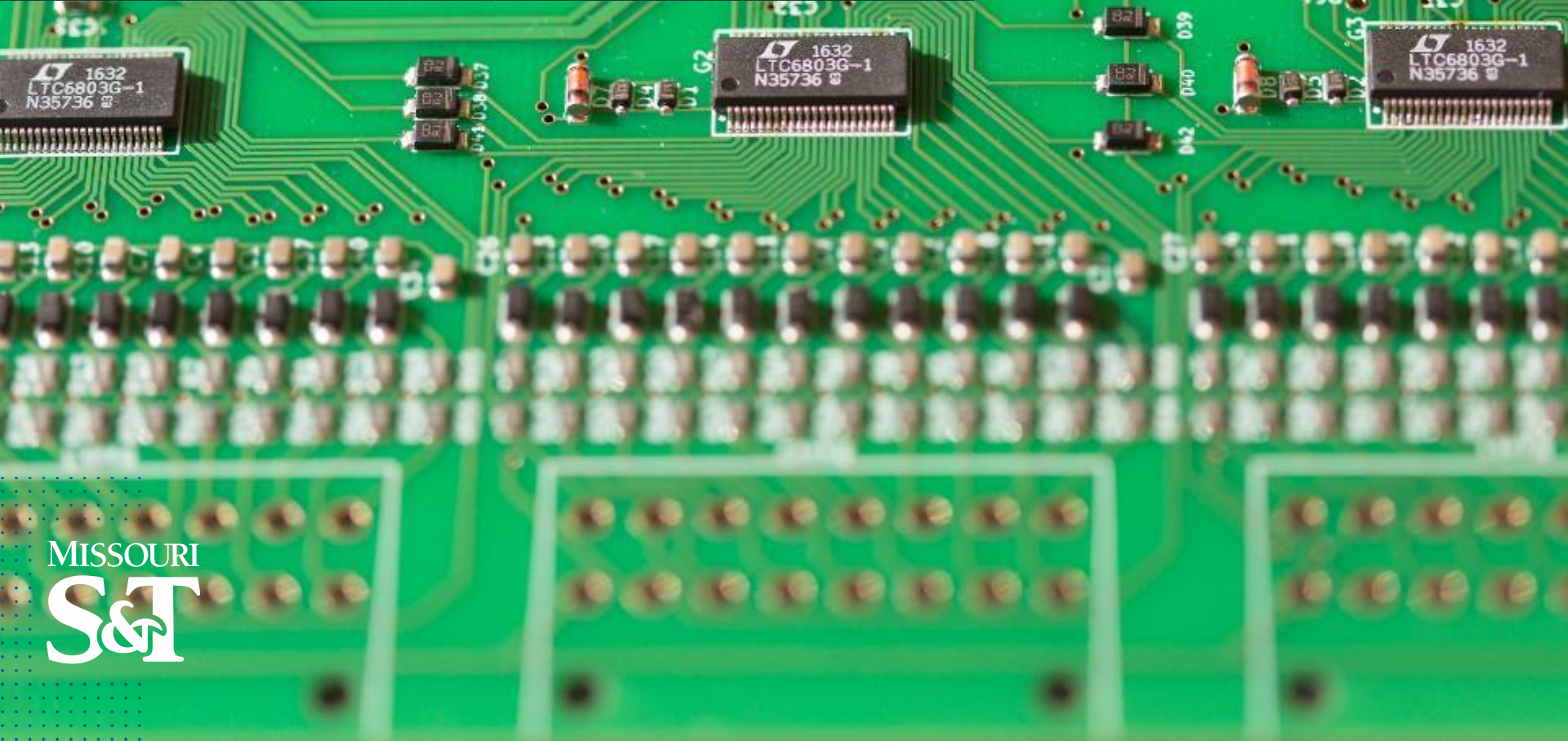
*You can potentially go directly into a doctoral program after your bachelor's degree

TIME TO DEGREE

- > Master's – approximately 2-2.5 years
- > Doctoral – varies by discipline
 - 4-6 years, typically



PLANNING FINANCIALS



Tuition

	Missouri Resident	Non-Missouri Resident
Tuition & Fees	\$13,170	\$27,500
Books & Supplies	\$594	\$542
Personal Needs	\$3,500	\$5,042
Transportation	\$1,600	\$2,432
Housing & Dining	\$10,324	\$13,627
TOTAL	\$29,188	\$49,143

*Students on at least 25% FTE appointment receive in-state tuition rates

International Tuition

	MS/MBA (9 Month I-20)	Doctoral (12 Month I-20)
Tuition & Fees	\$28,726	\$33,527
Books, Supplies, Personal Needs, Health Insurance	\$7,979	\$9,457
Housing & Dining	\$7,264	\$9,080
TOTAL	\$43,969	\$52,065

GRADUATE FUNDING

> Graduate Teaching Assistantships

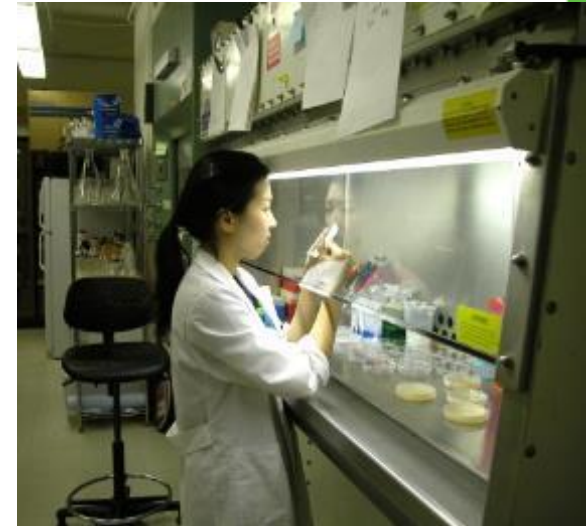
- Teach undergraduate courses in their discipline or assist with labs and teaching
- Receive a stipend and out-of-state fees are remitted
- Usually awarded by the department
 - > Visit with the graduate staff person in your department to learn their process for applying for these positions

> Graduate Research Assistantships

- Perform research alongside a faculty member
- Receive a stipend and out-of-state fees are remitted
- Offered by department or individual faculty to assist them with a specific research project
 - > Contact the graduate staff person in your department to find out how to apply for such positions

> Graduate Assistantships

- Receive a stipend and their out of state fees are waived
- Combination of GTA and GRA duties
 - > Contact the graduate staff person in your department to find out how to apply for such positions



START APPLYING

APPLICATION INSTRUCTIONS

Submit the Following:

> Application

- Access the online application at <http://apply.mst.edu>
- Deadlines:
 - > Fall Semester: July 15
 - > Spring Semester: December 15
 - > Summer Semester: May 1

Institution Codes

GRE and TOEFL are **6876**

GMAT program code is **RWQ-TL-82**

> Transcripts

- Can accept copies of your transcripts for evaluation purposes, but official copies will be required before you enroll.

> GRE or GMAT scores

- Some departments will accept self-submitted GRE/GMAT scores for evaluation purposes, but official scores will be required before you enroll.

> TOEFL, IELTS, or PTE scores (if applicable)

- Some departments will accept self-submitted TOEFL/IELTS/PTE scores for evaluation purposes, but official scores will be required before you enroll.

> Statement of Purpose

> 3 references

- S&T will contact your references for a recommendation letter
- References not needed for non-thesis applications

> Resume

CONTACT US!

> Office of Graduate Studies

- grad.mst.edu
- grad@mst.edu
- 573-341-4141

> Academic Department

- Graduate Coordinator
- Graduate Staff