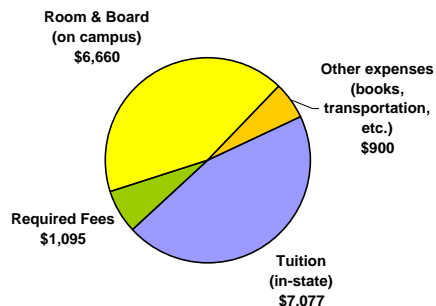




**Costs of Attendance and Financial Aid** [More](#)

**Typical Undergraduate Costs per Year Without Financial Aid (Full-Time, In-State Students)**



**Total: \$15,732**

[CLICK HERE](#) for typical out-of-state costs and any discipline-specific tuition

The cost to attend varies based on the individual circumstances of students and may be reduced through grants and scholarships.

**Financial Aid Awarded to Undergraduates**

**Overall Financial Aid**

• 85% of Fall 2006 full-time undergraduates received financial aid of some type including need-based loans, work study, and non need-based scholarships.

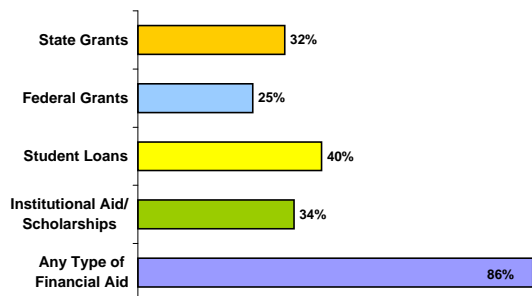
**Annual Need-Based Scholarships & Grants**

• 52% of Fall 2006 full-time undergraduates received need-based grants or scholarships; the average award for the year was \$4,640.

**Annual Need-Based Loans**

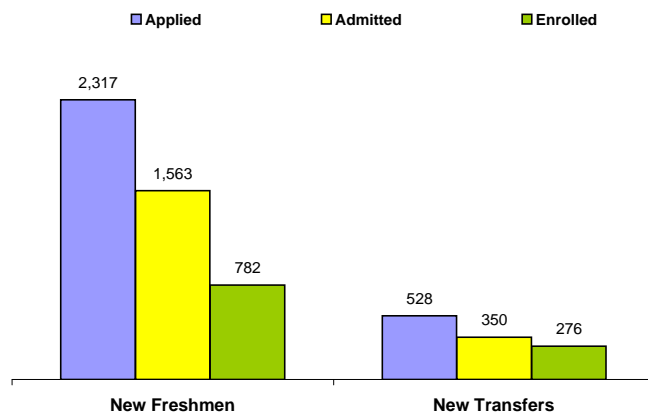
• 37% of Fall 2006 full-time undergraduates received need-based work-study and/or loans (not including parent loans); the average loan for the year was \$5,100.

**Percent of Fall 2006 First-Time Students Receiving Each Type of Financial Aid**



NOTE: Student may receive aid from more than one source.

**Undergraduate Admissions**



**Academic Preparation of New Freshman**

**Test(s) Required for Admission: SAT or ACT**

**Middle 50% of Test Score Range**

	ACT	SAT
Composite	25-30	
Math	25-31	525-670
English	23-30	
Critical Reading		590-690

50% of admitted students have test scores within the ranges listed, 25% have scores above, and 25% have scores below.

Percent in top 25% of High School Graduating Class	69%
Percent in top 50% of High School Graduating Class	92%
Average High School GPA (4-point scale)	3.71

**Degrees and Areas of Study**

**Degrees Awarded at Missouri S&T in 2006-07**

Bachelor's	834
Master's	356
Doctoral	63
<b>Total</b>	<b>1,253</b>

**Areas of Study with the Largest Number of Undergraduate Degrees Awarded in 2006-07**

Engineering	71%
Computer & Information Sciences	9%
Biological/Life Sciences	4%
Physical Sciences	4%
Business/Marketing	3%
All other degree areas	9%
<b>Total</b>	<b>100%</b>

[CLICK HERE](#) for a list of undergraduate and graduate programs

## The Missouri S&T Community

Missouri University of Science and Technology (Missouri S&T) is one of the nation's top technological research universities. Known for its engineering programs, Missouri S&T also offers degrees in the sciences, liberal arts, humanities and business. With some 6,000 students currently enrolled in classes, Missouri S&T is big enough to accommodate a diverse population but small enough for individuals to stand out.

Founded in 1870 as the University of Missouri School of Mines and Metallurgy, the campus was the first technological institution west of the Mississippi River. One of four campuses in the University of Missouri System, the campus was known as the University of Missouri-Rolla from 1964 until Jan. 1, 2008.

Today, as Missouri S&T, the university educates and equips students to meet the challenges of the 21st century.



### Study at Missouri S&T

[More](#)

#### Classroom Environment

Students per Faculty	15/1 to 1
Undergraduate classes with fewer than 30 students	62%
Undergraduate classes with fewer than 50 students	88%

#### Full-Time Instructional Faculty

Total Faculty	340
% Women	20%
% from Minority Groups	24%
% with Highest Degree in Field	86%

### Carnegie Classification of Institutional Characteristics

#### Basic Type

Research Universities (high research activity)

#### Size and Setting

Medium four-year, highly residential

#### Enrollment Profile

High undergraduate

#### Undergraduate Profile

Full-time four-year, more selective, higher transfer-in

#### Undergraduate Instructional Program

Professions plus arts & sciences, high graduate coexistence

#### Graduate Instructional Program

Doctoral, STEM dominant

NOTE: Institutional classifications based on the Carnegie 2005 edition.

[CLICK HERE](#) for more information on Carnegie Classifications.

### Student Housing

[More](#)

95% of new freshmen live on campus

58% of all undergraduates live on campus

### Campus Safety

[More](#)

#### EMERGENCY ALERT SYSTEM

Now more than ever, direct lines of emergency communication are vital to maintaining a safe, secure learning environment for university students.

The Emergency Alert System is integrated into the teaching and research technologies available on the Missouri S&T campus. Students, faculty and staff automatically receive email alerts and can register to receive voicemail or text message alerts should a campus emergency occur.

[CLICK HERE](#) for Campus Crime Statistics report.

### Future Plans of Bachelor's Degree Recipients

Data used to build graph are not yet available

[CLICK HERE](#) for information on survey administration, sample, and response rate.

## Student Experiences and Perceptions

Students who are actively involved in their own learning and development are more likely to be successful in college. Colleges and universities offer students a wide variety of opportunities both inside and outside the classroom to become engaged with new ideas, people, and experiences. Institutions measure the effectiveness of these opportunities in a variety of ways to better understand what types of activities and programs students find the most helpful.

[CLICK HERE](#) for examples of how Missouri S&T evaluates the experiences of its students.

In addition, institutions participating in the VSA program measure student involvement on campus using one of four national surveys. Results from the one survey are reported for a common set of questions selected as part of VSA. Following are the selected results from the 2005-2006 National Survey of Student Engagement (NSSE). The questions have been grouped together in categories that are known to contribute to student learning and development. The results reported below are based on the responses of seniors who participated in the survey.

[CLICK HERE](#) for information on the NSSE survey.

### Group Learning Experiences

- 98% percent of seniors worked with classmates on assignments outside of class.
- 76% of seniors tutored or taught other students
- 51% of seniors spent at least 6 hours per week participating in co-curricular activities such as student organizations and intramural sports

### Active Learning Experiences

- 88% of seniors spent at least 6 hours per week preparing for class
- 33% of seniors worked on a research project with a faculty member
- 60% of seniors participated in an internship, practicum, or field experience
- 69% of seniors participated in community service or volunteer work
- 6% of seniors participated in study abroad
- of seniors made at least one class presentation last year

### Institutional Commitment to Student Learning and Success

- 98% of seniors believe this institution provides support for student success
- 69% of seniors rated the quality of academic advising at this institution as good or excellent
- 53% of seniors reported that this institution provided help in coping with work, family and other non-academic responsibilities
- 87% of seniors reported working harder than they thought they could to meet an instructor's standards or expectations

### Student Satisfaction

- 85% of seniors would attend this institution if they started over again
- 90% of seniors rated their entire educational experience as good or excellent
- 83% of seniors reported that other students were friendly or supportive

### Student Interaction with Campus Faculty and Staff

- 53% of seniors believed that the campus staff were helpful, considerate, or flexible
- 75% of seniors believed that faculty are available, helpful, or sympathetic
- 95% of seniors reported that faculty members provided prompt feedback on their academic performance
- 73% of seniors discussed readings or ideas with faculty members outside of class

### Experiences with Diverse Groups of People and Ideas

- 53% of seniors reported that they often tried to understand someone else's point of view
- 69% of seniors reported their experience at this institution contributed to their understanding people of other racial and ethnic backgrounds
- 48% of seniors often had serious conversations with students of a different race or ethnicity

## Student Learning Outcomes

All colleges and universities use multiple approaches to measure student learning. Many of these are specific to particular disciplines, many are coordinated with accrediting agencies, and many are based on outcomes after students have graduated. In addition, those institutions participating in the VSA measure increases in critical thinking, analytic reasoning, and written communication using one of three tests.

### Student Learning Assessment at Missouri S&T

Assessment at Missouri S&T serves three two purposes: improvement of student learning and instruction and the accomplishment of institutional mission. Assessment occurs at different levels and different contexts. Students who have completed between 45-74 credit hours will be scheduled to take a general education test Measure of Academic Proficiency and Progress (MAPP) which measures several general education skills. Seniors take a major field test such as the Fundamentals of Engineering (FE) test or the Major Field (MFT) test, before being approved for graduation. Participation in the assessment program ensures continuous improvement and a quality education for current and future generations of students.

[CLICK HERE](#) for examples of student learning assessment and outcomes at Missouri S&T

### Pilot Project to Measure Core Learning Outcomes

As a pilot project, VSA participants measure critical thinking, analytic reasoning, and written communication using one of three tests. Following are the results from the Measure of Academic Proficiency and Progress (MAPP). The MAPP measures critical thinking, analytic reasoning, and written communication and reports separate scores on critical thinking and written communication.

[CLICK HERE](#) for a description of the MAPP test.

[CLICK HERE](#) for information on test administration, the test sample, and the response rate.

### Learning Gains between Freshman Year and Senior Year

#### Critical Thinking

The increase in learning on the performance task is at an institution with students of similar academic abilities.

#### Written Communication

The increase in learning on the performance task is at an institution with students of similar academic abilities.

#### Average Institutional Scores

	<u>Freshman Score</u>	<u>Senior Score</u>
Critical Thinking	117	
Written Communication	118	

MAPP Score Range: 100 to 130