



College of Literature, Science, and the Arts 2008-2009 Profile

Last updated: November 2008

The University of Michigan's College of Literature, Science, and the Arts is an extraordinary center of creativity, inquiry, and discovery. LSA offers more than 2,000 courses to undergraduates each semester. More than 1,000 faculty teach courses that explore the world's most pressing cultural, social, and scientific questions. LSA's top research laboratories put faculty and students at the forefront of discoveries in life sciences, physics, and astronomy. A vibrant literary and performing arts tradition in the College enriches the minds and hearts of the campus community. All that a college experience should be – the intellectual challenges, the exposure to new experiences, the growth of knowledge and of individuals – can be found here, in the College of LSA.

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LSA At-A-Glance

Established: 1841

Students:

18,123 *First-Day Enrollment Count, Fall 2008*

(Source: Office of the Registrar, September 2008)

LSA Facts

- The first class of LSA, in 1841, consisted of seven students and two teachers
- The first African American student was admitted in 1868
- The first woman was admitted in 1870 and was also the first graduate to marry a classmate in 1872
- The first African American woman was admitted in 1876
- The Center for Afro-American and African Studies was founded in 1970
- The first woman was appointed Dean (Edie Goldenberg) in 1989
- LSA is the largest of UM's 19 schools and colleges

(Source: LSA Dean's Office and Bentley Historical Library)

Value of the LSA Endowment: \$687,381,142 million (FY08)

(Source: LSA Development, Marketing and Communications)

LSA Research Highlights

- Large scale data structures and management
- Nanoscience and nanotechnology
- Environmental Science
- Quantitative Methods in Social Science

(Source: LSA Dean's Office)

Sponsored Research Expenditures in the College of LSA

FY 2000: \$37,833,033

FY 2001: \$39,041,050

FY 2002: \$44,464,859

FY 2003: \$51,788,960

FY 2004: \$55,418,333

FY 2005: \$57,651,353

FY 2006: \$57,621,658

FY 2007: \$54,007,471

FY 2008: \$56,286,059

(Source: LSA Research Office, October 2008)

LSA Students

2008 LSA Freshman Student Profile

20,820 completed LSA applications
8,676 LSA admissions granted
(41.6% selectivity)
3.80 Median high school recalculated GPA
1330 Median SAT (Verbal & Math sections only)
29 Median ACT Composite
61% SAT 1300-1600 (Verbal & Math sections only)
89.9% have 3.50 recalculated GPA or higher
98.9% Top 20% of their HS class
24.9% Top 1% of their HS class
(Source: 2008 LSA Freshman Profile Report)

LSA Class Sizes for First-Year Students

Average Class Sizes: Science – less than 35
Math – less than 30
English – less than 18
Lectures – normally between 50-200 students; the largest lecture hall seats 550*
(*Most lectures have smaller discussion sections (usually numbering 25 or less) to provide small group discussion and intellectual exchange)
(Source: LSA Undergraduate Recruiting and Scholarships)

Degrees Conferred

LSA Bachelor Degrees granted, 2001-2002: 3,416
LSA Graduate Degrees granted, 2001-2002: 536

LSA Bachelor Degrees granted, 2002-2003: 3,543
LSA Graduate Degrees granted, 2002-2003: 581

LSA Bachelor Degrees granted, 2003-2004: 3,588
LSA Graduate Degrees granted, 2003-2004: 565

LSA Bachelor Degrees granted, 2004-2005: 3,552
LSA Graduate Degrees granted, 2004-2005: 585

LSA Bachelor Degrees granted, 2005-2006: 3,365
LSA Graduate Degrees granted, 2005-2006: 617

LSA Bachelor Degrees granted 2006-2007: 3,641
LSA Graduate Degrees granted 2006-2007: 626

LSA Bachelor Degrees granted 2007-2008: 3,859

LSA Graduate Degrees granted 2007-2008: 595 (confirmed 10/06/08)

(Source: UM Office of Budget and Planning, excludes certificates and honorary degrees.)

Tuition and Fees 2008-2009 academic year

Full-time LSA students

Undergraduate:

Resident:

Lower Division - \$11,037

Upper Division - \$12,439

Non-Resident:

Lower Division - \$33,069

Upper Division - \$35,391

Graduate:

Resident: \$16,541

Non-Resident: \$33,255

(Source: UM Office of Budget and Planning)

LSA Student Scholarships Information for Incoming, First-Year Students:

The number of students receiving scholarship awards continues to increase.

1999: 369 students received scholarships from LSA (185 four-year scholarships and 184 retention scholarships) totaling \$1.7 million in scholarship support. Award amounts ranged from \$1K to \$10K.

2007-2008: 795 students received scholarships from LSA (403 four-year recruitment scholarships and 392 one year need-based scholarships) totaling \$6.3 million in scholarship support. Award amounts range from \$1K to \$20K.

(Source: LSA Scholarship Office, September 2008)

LSA Faculty

A Few of the Major Awards and Distinctions held by LSA Faculty

Nobel Prize:

Martinus Veltman (1999), Physics

American Academy of Arts and Sciences Class of Fellows

Elizabeth Anderson (2008), Philosophy and Women's Studies

Ross L. Chambers (2008), French and Comparative Literature

Susan Gelman (2008) Psychology

John E. Jackson (2008) Political Science

Robert Griess Jr. (2007), Mathematics

Arthur Lupia (2007), Political Science

Judith Irvine (2006), Anthropology

Richard Janko (2006), Classical Studies

Robert Lazarsfeld (2006), Mathematics

(Source: amacad.org)

Carnegie Scholar

Ashutosh Varshney (2008), Political Science

(Source :U-M News Service)

Recent Guggenheim Fellows

David Halperin (2008), History

Paul Christopher Johnson (2008), History, Afroamerican and African Studies

Ashutosh Varshney (2008) Political Science

Arthur Lupia (2007) Political Science

Roberto Merlin (2007) Physics

Piotr Michalowski (2007) Ancient Near Eastern Civilizations

Enrique Garcia Santo-Tomas (2007) Spanish

(Source: U-M News Service)

Howard Hughes Medical Institute Investigator

Mercedes Pascual (2008), Biology

(Source: U-M News Service)

Andrew W. Mellon Foundation Distinguished Achievement Award:

Sabine MacCormack (2001), History and Classical Studies

(Source: mellon.org)

MacArthur Fellowships:

Erik Mueggler (2002), Anthropology

Vonnie McLoyd (1996), Psychology

Thylas Moss (1996), English

Henry T. Wright (1993), Anthropology

John Holland (1992), Psychology

Alice Fulton (1991), English

Rebecca J. Scott (1990), History

Ruth Behar (1988), Anthropology and Women's Studies

(Source: macfound.org)

National Academies Education Fellow in Life Sciences

Daniel Klionsky (2006), Life Sciences Institute and
Molecular, Cellular, Developmental Biology

Josephine Kurdziel (2006), Ecology and Evolutionary Biology

Laura Olsen (2006), Molecular, Cellular, and Developmental Biology

(Source: LSA Dean's Office, October 2006)

National Academy of Sciences, Elected Members:

James S. House (2007), Sociology

Philip Bucksbaum (2004), Physics

Raymond Kelly (2004), Anthropology

Rowena Matthews (2002), Biological Chemistry

Richard Nisbett (2002), Psychology

Martinus Veltman (2000), Physics

Joyce Marcus (1997), Anthropology

William Fulton (1997), Mathematics

Edward Smith (1996), Psychology

Henry Wright (1994), Anthropology

Melvin Hochster (1992), Mathematics

Frederick Gehring (1989), Mathematics

Robert Axelrod (1986), Political Science

(Source: nasonline.org)

National Academy of Sciences Award for Initiatives in Research

Anna C. Gilbert (2008), mathematics

(Source: nasonline.org)

National Medal of Science Recipients:

Hyman Bass (2007), Mathematics

H. Richard Crane (1986), Professor Emeritus of Physics

(Source: National Science Foundation website)

Presidential Early Career Award for Scientists and Engineers

Anna Mapp (2005), Chemistry

Melanie Sanford (2005), Chemistry

(Source: LSA Dean's Office)

**Professor of the Year, Carnegie Foundation for Advancement of Teaching and
the Council for Advancement and Support of Education**

William (Buzz) Alexander (2005), English

**Professor of the Year, State of Michigan, Carnegie Foundation for Advancement of
Teaching and the Council for Advancement and Support of Education**

Ralph Williams (2008) English

Brian Coppola (2004), Chemistry

(Source: case.org)

LSA Alumni Nobel Laureates:

Jerome Karle, 1985, Chemistry

Lawrence R. Klein, 1980, Economics
Samuel C.C. Ting, 1976, Physics
(Source: *UM News and Information Services*)

Endowed and Named Professorships:

There are currently 67.5 Endowed Professorships in LSA
(Source: *LSA Development, Marketing and Communications 2008*)

LSA Curriculum and Instructional Units

LSA Instructional Programs

115 Concentrations

80 Minors

2,000 LSA courses available to undergraduates each semester

(Source: LSA Academic Advising Office)

LSA Departments with Highest Percentage of Degrees Conferred: 2008

Psychology	525
Economics	475
Political Science	471
English	369
History	257
Brain, Behavior & Cognit Sc	225
Sociology	218
Communication	164
Biology	146
Mathematics	126
Spanish	124
Cellular & Molec Biology	109
Anthropology	101
General Studies	90
Neuroscience	90
History of Art	72
Philosophy	66
German BA	61
Biochemistry	56
Anthropology-Zoology	51

(Source: U-M Registrar's Office)

Departments with Highest Percentage of Students Enrolled in Courses:

Winter Semester 2008

Psychology Department	5,342
Mathematics Department	4,541
English Language & Lit Dept	4,302
Romance Languages Department	4,033
Biology Department	3,995
Economics Department	3,720
Chemistry Department	2,977
History Department	2,757
Anthropology Department	2,682
Physics Department	2,450
Geological Sciences	2,354
Sociology Department	2,145
Political Science Department	2,058
Statistics Department	2,052
LS&A First Year Seminars	1,704
Classical Studies Department	1,612
Asian Languages and Cultures	1,473
American Culture Program	1,433

Philosophy Department	1,280
Program in the Environment	1,094
Near Eastern Studies Dept	1,076
Communication Studies	1,042
Women's Studies Program	1,002
Residential College	948

(Source: LSA Management Information Systems, September 2008)

LSA in the rankings

- According to the 2008 rankings issued by *U.S. News & World Report* and the most recent National Research Council rankings, LSA has 72 departments, programs, and fields of study within departments and programs in the top 25 in the nation, including 51 in the top 10, and 35 in the top five. In addition, work centered in LSA has been ranked among the best in the nation for “First Year Experiences, Undergraduate Research /Creative Projects (UROP), Undergraduate Learning/Living Communities, Service Learning, and Writing across the Disciplines.”
- UM is the highest rated U.S. public university and ranks 18th among the world’s top 200 universities in the London-based *Times Higher Education* magazine 2008 survey.
- Michigan has been recognized by the Center for World-Class Universities at Shanghai Jiao Tong University in Shanghai as 18th among the Top 100 North and Latin American Universities and 21st among Top 500 World Universities in 2008.
- UM was listed among the “25 New Ivies” by *Newsweek* in 2006, due in large part to LSA’s Honors Program. As noted in *Newsweek*, the competitive Honors Program draws many out-of-state students due to the smaller class sizes and Honors Housing option.

Selected Department /Program Rankings and year ranked:

Biological Sciences – 15 in 2008
Ecology and Evolutionary Biology – 11 in 2008
Chemistry – 16 in 2008
Earth Science -- 5 in 2009
Geological Sciences – 5 in 2006
Mathematics – 9 in 2009
Physics – 13 in 2009
African American History – 7 in 2005
African History -- 4 in 2005
Behavioral Neuroscience – 1 in 2005
Economics – 11 in 2005
International Economics – 5 in 2005
English – 12 in 2005
History – 7 in 2005
Paleontology 5 in 2006
Political Science – 3 in 2008
Psychology – 2 in 2005
Sociology – 3 in 2005
Women’s History – 4 in 2005
Undergraduate Research – 1 in 2002
Learning Community – 2 in 2002
Service Learning – 4 in 2002
Overall Public Undergrad U – 3 in 2008
Overall Public Undergrad U –5 in 2007

(Sources: US News & World Report, National Research Council, and Business Week)