



The ACADEMIC PROGRAM

Michigan State University functions as a unit, with its colleges, divisions, schools, and departments serving one another. No single part is independent of the others. The Michigan State University College of Law, through a special affiliation, functions fully as a part of the University, although it remains financially independent.

Most schools and departments offer courses at both the undergraduate and graduate levels. At the undergraduate level, freshman and sophomore students, except when enrolled in James Madison College, Lyman Briggs College, or the Residential College in the Arts and Humanities, are enrolled as part of the Neighborhood Student Success Collaborative (NSSC). Such students may select a field of study as a major preference; however, the academic responsibility for such students rests solely with the NSSC. During the first two years students begin taking (1) courses that apply to the university requirements as described in the *Undergraduate Education* section of this catalog, (2) courses appropriate to the particular major, and/or (3) courses of an exploratory nature. During the junior and senior years, students' primary focus is on courses, whether given by the colleges of the majors or others, which meet the needs of the academic programs. For high-achieving undergraduate students, colleges, schools, departments, and faculty, in cooperation with the Honors College, provide programs to encourage the highest intellectual development and greatest achievement.

At the graduate level, colleges which offer graduate courses have developed graduate programs consistent with the highest national, international, and professional standards of the respective fields.

Study Abroad programs are sponsored by the University through its academic departments and schools, and cooperative arrangements with other universities. The University offers more than 275 programs in over 60 countries on all seven continents.

To provide broader access to its instructional resources, the University offers selected degree programs, certificate programs, and courses at various locations and via the web.

The materials throughout this catalog are intended to be cumulative. The *Undergraduate Education* section is applicable to undergraduate study, and the *Graduate Education* section refers to graduate study. The all-University policies and requirements given in the *General Information, Policies, Procedures and Regulations* section apply to both undergraduate and graduate study. These three sections serve as the foundation for the college statements, and the all-University sections and the college statements serve as the foundation for the department and school statements.

Each college statement addresses the purposes or role of the college in the University; the organizational structure of the college; undergraduate programs, including college policies and requirements for admission and graduation beyond the all-University requirements; and graduate study, including the college policies and requirements for admission and degree completion beyond the all-University requirements. The organization of the department and school statements is similar to that of the college statements.

SESSIONS

The university offers instruction throughout the year during the fall semester, spring semester, and summer sessions.

THE ACADEMIC PROGRAM
Period Covered By Registration

PERIOD COVERED BY REGISTRATION

The period covered by registration for a given semester or summer session is defined as commencing with the first day of classes as published in the university academic calendar, and extending through the day prior to the start of the first day of classes for the succeeding semester or the first summer session. The delivery of appropriate services requires at least minimum registration for that semester or summer session.

ACCREDITATION

Michigan State University is a member of the Association of Public and Land-grant Universities, Association of American Universities, American Council on Education, American Council of Learned Societies, Association of Graduate Schools, Council of Graduate Schools, Big Ten Academic Alliance, and International Association of Universities. The university has been accredited by the Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60604-1411, www.hlcommission.org, 1-312-263-0456. Some individual programs, schools, and colleges have been recognized by the accrediting agencies in their respective fields. For a list, visit <https://opb.msu.edu/functions/planning/agencies-accredit-msu.html>.

Information about the accreditation of individual programs, schools, and colleges is included in program descriptions in *Academic Programs*. Updated program listings may be found at www.reg.msu.edu/ucc/ucc.asp.

EQUAL OPPORTUNITY AND NON-DISCRIMINATION

Michigan State University is committed to the principles of equal opportunity, nondiscrimination and, in the context of employment, affirmative action. University programs, activities, and facilities are available to all without regard to race, color, gender, gender identity, religion, national origin, political persuasion, sexual orientation, marital status, disability, height, weight, veteran status, age or familial status. The university is an affirmative action, equal opportunity employer. In carrying out this commitment, the university is guided by the applicable federal and state laws and regulations and policies adopted by the Board of Trustees.

The university has a comprehensive employment Affirmative Action Plan that includes placement goals for academic and support staff employment and an affirmative action policy for the employment of veterans and persons with disabilities. The Office for Inclusion and Intercultural Initiatives oversees the Plan by reviewing individual academic and support staff hiring recommendations, and advises the President and other university administrators on equal opportunity, diversity and inclusion matters.

The All-University Anti-Discrimination Policy applies to all university community members and to education and employment programs and activities and prohibits discrimination and harassment based on age, color, gender, gender identity, disability status, height, marital status, national origin, political persuasion, race, religion, sexual orientation, veteran status or weight. The Office of Institutional Equity establishes relations with federal and state civil rights agencies, and provides a system of addressing complaints of prohibited discrimination and harassment by conducting investigations where necessary and ensures prompt remedial action where discrimination or harassment is found.

For additional information, contact the Office for Inclusion and Intercultural Initiatives, Hannah Administration Building, 426 Auditorium Road, Room 444, 1-517-353-3924, inclusion@msu.edu,

or visit www.inclusion.msu.edu. For additional information on the University's Anti-Discrimination Policy, contact the Office of Institutional Equity, Suite 4, Olds Hall 408 West Circle Drive, 1-517-353-3922, oi@msu.edu.

STUDENT CONSUMER INFORMATION

Michigan State University seeks to make available to prospective and enrolled students full information on all pertinent matters that would affect their attendance at the university. These matters include academic programs, financial aid programs, eligibility requirements for financial aid, cost of attending the institution, refund policy, program integrity (complaints) and, to the extent available, patterns of retention in offered curricula. Information is accessible at www.reg.msu.edu/ROInfo/HEOAnotices.asp. Information is also available in various university publications, such as this catalog and information brochures for prospective students; or inquiries may be made of appropriate MSU administrative offices and Web sites. Typical sources include:

Office of Admissions

Hannah Administration Building
426 Auditorium Road, Room 250
(For prospective students)
www.admissions.msu.edu

Office of the Controller

Hannah Administration Building
426 Auditorium Road, Room 305
www.ctr.msu.edu

Office of Financial Aid

Student Services Building
556 E. Circle Drive, Room 252
www.finaid.msu.edu

Office of the Registrar

Hannah Administration Building
426 Auditorium Road, Room 150
(For enrolled students)
www.reg.msu.edu

Additional information on university rules and regulations affecting students is published in the resource guide *Spartan Life* and other publications and is available at www.msu.edu.

GRADUATION RATES AT MICHIGAN STATE UNIVERSITY

Admission to Michigan State University is based upon academic preparation and ability. To assist students in their educational planning, as well as for institutional planning and reporting, first-time degree/certificate-seeking undergraduate students are included in a cohort each fall semester. This cohort is followed to determine the rate of retention and graduation from Michigan State University.

Decisions by students to complete degree programs in more than four years may vary from personal to programmatic reasons. The most recent Graduation Rate Survey, based upon the 2009 entering cohort, indicates that 78% of that cohort graduated within 6 years, or 150% of the normal time to award. Of the same cohort, 74% graduated within 5 years, and 52% within 4 years. These data compare favorably to graduation statistics from similar institutions. Additionally, some students in the initial cohort will eventually graduate at other institutions through transfer or pre-baccalaureate entry into professional programs.

COLLEGES, SCHOOLS and DEPARTMENTS

Departments of instruction at Michigan State University are organized as follows:

College of Agriculture and Natural Resources

Agricultural, Food, and Resource Economics
Animal Science
Biosystems and Agricultural Engineering
Community Sustainability
Entomology
Fisheries and Wildlife
Food Science and Human Nutrition
Forestry
Horticulture
Packaging
Planning, Design and Construction
Plant Biology
Plant, Soil and Microbial Sciences

Residential College in the Arts and Humanities

College of Arts and Letters

Art, Art History, and Design
English
Linguistics and Germanic, Slavic, Asian and African Languages
Philosophy
Religious Studies
Romance and Classical Studies
Theatre
Program in Women, Gender, and Social Justice
Writing, Rhetoric and American Cultures

The Eli Broad College of Business

The Eli Broad Graduate School of Management

Accounting and Information Systems
Finance
Hospitality Business
Management
Marketing
Supply Chain Management

College of Communication Arts and Sciences

Advertising and Public Relations
Communication
Communicative Sciences and Disorders
Journalism
Media and Information

College of Education

Counseling, Educational Psychology and Special Education
Educational Administration
Kinesiology
Teacher Education

College of Engineering

Biomedical Engineering
Biosystems and Agricultural Engineering
Chemical Engineering and Materials Science
Civil and Environmental Engineering
Computational Mathematics, Science, and Engineering
Computer Science and Engineering
Electrical and Computer Engineering
Mechanical Engineering

College of Human Medicine

Anesthesia
Biochemistry and Molecular Biology
Emergency Medicine
Epidemiology and Biostatistics
Family Medicine
Medicine
Microbiology and Molecular Genetics
Neurology and Ophthalmology

Obstetrics, Gynecology and Reproductive Biology
Pediatrics and Human Development
Pharmacology and Toxicology
Physiology
Psychiatry
Radiology
Surgery
Translation Science and Molecular Medicine

James Madison College

College of Law

Lyman Briggs College

College of Music

College of Natural Science

Biochemistry and Molecular Biology
Biomedical Laboratory Diagnostics Program
Chemistry
Computational Mathematics, Science, and Engineering
Earth and Environmental Sciences
Integrative Biology
Mathematics
Microbiology and Molecular Genetics
Physics and Astronomy
Physiology
Plant Biology
Statistics and Probability

College of Nursing

College of Osteopathic Medicine

Biochemistry and Molecular Biology
Family and Community Medicine
Microbiology and Molecular Genetics
Neurology and Ophthalmology
Osteopathic Manipulative Medicine
Osteopathic Medical Specialties
Osteopathic Surgical Specialties
Pediatrics
Pharmacology and Toxicology
Physical Medicine and Rehabilitation
Physiology
Psychiatry
Radiology

College of Social Science

Anthropology
Criminal Justice
Economics
Geography, Environment, and Spatial Sciences
History
Human Development and Family Studies
Human Resources and Labor Relations
Planning, Design and Construction
Political Science
Psychology
Social Work
Sociology
Program in Women, Gender, and Social Justice

College of Veterinary Medicine

Large Animal Clinical Sciences
Microbiology and Molecular Genetics
Pathobiology and Diagnostic Investigation
Pharmacology and Toxicology
Physiology
Small Animal Clinical Sciences

Office of the Provost

Aerospace Studies—Air Force
Military Science—Army

PROGRAMS and AREAS OF STUDY

Michigan State University offers a wide variety of programs and areas of study that contribute to the overall strength of the university. Although some programs and areas of study are not available as majors, the following list indicates the breadth and depth of opportunities available to students. In addition, special programs, suited to individual needs and purposes may be arranged, particularly at the advanced levels.

Accounting
Actuarial Science
Advertising
Advertising Analytics
Advertising Creative
Advertising Management
Aerospace Studies—Air Force
African American and African Studies
African Languages
African Studies
Agribusiness Management
Agricultural, Food and Resource Economics
Agricultural and Natural Resources Biotechnology
Agriculture
Agriculture, Food and Natural Resource Education
Agronomy
American Indian and Indigenous Studies
American Legal System
American Studies
Animal Science
Animal Studies: Social Science and Humanities Perspectives
Animation and Comics Storytelling in Media
Anthropology
Apparel and Textiles
Applied Behavior Analysis
Applied Engineering Sciences
Applied Mathematics
Applied Statistics
Arabic
Art and Art History
 Art Education
 Art History and Visual Culture
 Studio Art
Arts and Cultural Management
Arts and Humanities
Asian Pacific American Studies
Asian Studies
Astrophysics
Astrophysics and Astronomy
Athletic Training

Biochemistry and Molecular Biology
Biochemistry and Molecular Biology/Biotechnology
Biological Science
Biology
Biomedical Engineering
Biomedical Laboratory Operations
Biomedical Laboratory Science
Biostatistics
Biosystems Engineering
Biotechnology
Black American and Diasporic Studies
Business Administration
Business Analytics
Business Concepts for Environmental Sustainability and Conservation
Business Research

Cell and Molecular Biology
Chemical Engineering
Chemical Physics
Chemistry
Chicano/Latino Studies
Chinese
Civil Engineering
Classical and Ancient Mediterranean Studies
Classical Studies
Clinical Laboratory Sciences
Clinical Nurse Specialist
Clinical Social Work
Coaching

Cognitive Science
Comic Art and Graphic Novels
Commercial Floriculture
Communication
Communication Arts and Sciences-Media and Information Studies
Communicative Sciences and Disorders
Community, Agriculture, Recreation and Resource Studies
Comparative Cultures and Politics
Comparative Medicine and Integrative Biology
Computational Chemistry
Computational Mathematics
Computational Mathematics, Science, and Engineering
Computational Modeling
Computational Statistics
Computer Engineering
Computer Science and Engineering
Connected Learning
Conservation Law
Construction Management
Corporate Accounting
Counterfeit Pharmaceuticals
Creative Writing
Criminal Justice
Critical Studies in the Teaching of English
Crop and Soil Sciences
Crop Production
Crop Science
Curriculum, Instruction, and Teacher Education

Dairy Production
Dance
Design
Dietetics
Digital Humanities
Digital Rhetoric and Professional Writing
Documentary Studies

Early Care and Education
Early Childhood-General and Special Education
Earth Science
Ecological Food and Farming Systems
Ecology and Evolutionary Biology and Behavior
Economic Geography
Economics
Economics of Education
Education
Educational Leadership
Educational Policy
Educational Psychology
Educational Studies
Educational Psychology and Educational Technology
Educational Technology
Electrical Engineering
Energy
Engineering for International Service
Engineering Mechanics
English
Entrepreneurship
Entomology
Environment and Health
Environmental and Resource Economics
Environmental Biology
Environmental Biology/Microbiology
Environmental Biology/Plant Biology
Environmental Biology/Zoology
Environmental Design
Environmental Economics
Environmental Economics and Policy
Environmental Engineering
Environmental Geography
Environmental Geosciences
Environmental Policy
Environmental Science and Policy
Environmental Sciences and Management
Environmental Studies
Environmental Studies and Agriscience
Environmental Toxicology
Epidemiology
Ethics and Development
European Studies
Experience Architecture

Family and Child Ecology
Family Community Services
Fiction Film Production
Film Studies
Finance
Fish and Wildlife Disease Ecology and Conservation Medicine

THE ACADEMIC PROGRAM
Programs and Areas of Study

Fisheries and Wildlife
 Food Industry Management
 Food Processing and Technology
 Food Safety
 Food Science
 Foodservice Management
 Foreign Language Teaching
 Forensic Science
 Forest Carbon Science, Policy and Management
 Forestry
 Forestry Field Applications
 French

 Game Design and Development
 General Business Administration
 General Management
 Genetics
 Genomics and Molecular Genetics
 Geographic Information Science
 Geography
 Geological Sciences
 German
 Global and International Studies in Social Science
 Global Food Law
 Global History
 Global Public Health and Epidemiology
 Global Studies in the Arts and Humanities
 Global Urban Studies
 Graphic Design
 Greek
 Grounds Management

 Health and Risk Communication
 Health Professions Education
 Health Promotion
 High-Performance Computing
 Higher, Adult, and Lifelong Education
 Hispanic Cultural Studies
 History
 History, Philosophy, and Sociology of Science
 Horse Management
 Horticulture
 Hospitality Business
 Hospitality Business Real Estate and Development
 Human Behavior and Social Services
 Human Biology
 Human Capital and Society
 Human Development and Family Studies
 Human Geography
 Human Medicine
 Human Nutrition
 Human Nutrition-Environmental Toxicology
 Human Resource Management
 Human Resources and Labor Relations
 Humanities—Prelaw

 Indian and South Asian Languages and Cultures
 Industrial Mathematics
 Industrial Relations and Human Resources
 Infancy and Early Childhood
 Information and Communication Technology and Development
 Information and Media
 Information Technology
 Information Technology Management
 Insurance and Risk Management
 Integrative Biology
 Integrative Management
 Integrative Pharmacology
 Intellectual Property and Communications Law
 Interdisciplinary Humanities
 Interdisciplinary Studies in Social Science
 Interdisciplinary Studies in Social Science: Social Science Education
 International Business
 International Public Health
 Interior Design
 International Development
 International Planning Studies
 International Relations
 Italian

 Japanese
 Jazz Studies
 Jewish Studies
 Journalism
 Judicial Administration

 K—12 Educational Administration
 K—12 English as a Second Language
 Kinesiology

 Laboratory Research in Pharmacology and Toxicology
 Landscape Architecture
 Landscape and Nursery
 Language and Literacy
 Large Animal Clinical Sciences
 Latin American and Caribbean Studies
 Law Enforcement Intelligence and Analysis
 Law, Justice, and Public Policy
 Leadership in Medicine for the Underserved
 Leadership in Rural Medicine
 Leadership of Organizations
 Linguistics
 Literacy and Language Instruction
 Livestock Production

 Management, Strategy and Leadership
 Manufacturing Engineering
 Manufacturing Management
 Marine Ecosystem Management
 Marketing
 Marketing Research
 Materials Science and Engineering
 Materials Science and Mechanics
 Mathematics
 Mathematics, Advanced
 Mathematics Education
 Measurement and Quantitative Methods
 Mechanical Engineering
 Media and Communication Technology
 Media and Information
 Media Arts and Technology
 Medical Neuroscience
 Medical Partners in Public Health
 Microbiology
 Military Science—Army
 Museum Studies
 Music
 Collaborative Piano
 Composition
 Composition and Music Theory
 Conducting
 Education
 Jazz Studies
 Performance
 Theory
 Musicology
 Muslim Studies

 Natural Resource Recreation and Tourism
 Neuroscience
 Neuroscience and the Law
 Neuroscience-Environmental Toxicology
 Nonprofit Fundraising
 Nurse Practitioner
 Nursing
 Nursing Practice
 Nutritional Sciences

 Operations and Sourcing Management
 Organizational Behavior—Human Resource Management
 Osteopathic Medicine

 Packaging
 Pathobiology
 Pharmacology and Toxicology
 Philosophy
 Philosophy and Law
 Physical Science
 Physics
 Physiology
 Physiology-Environmental Toxicology
 Piano Pedagogy
 Plant Biology
 Plant Breeding and Genetics
 Plant Pathology
 Political Economy
 Political Science
 Political Science —Prelaw
 Political Theory and Constitutional Democracy
 Portuguese
 Professional Applications in Anthropology
 Professional Writing
 Program Evaluation
 Psychology
 Public Health
 Public Health Administration
 Public Health Informatics
 Public Policy
 Public Relations

THE ACADEMIC PROGRAM
Programs and Areas of Study

Quantitative Biology
 Rehabilitation Counseling
 Rehabilitation Counselor Education
 Religion in the Americas
 Religious Studies
 Rhetoric and Writing
 Russian
 Russian and East European Studies
 Sales Communication
 School Psychology
 Science Education
 Science, Technology, Environment and Public Policy
 Second Language Studies
 Security Management
 Serious Game Design and Research
 Small Animal Clinical Sciences
 Social Relations and Policy
 Social Science
 Social Work
 Sociology
 Soil Science
 South Asian Languages
 Spanish
 Spatial Ecology
 Special Education
 Emotional Impairment
 Learning Disabilities
 Sports Business Management
 Sports Coaching and Leadership
 Statistics
 Strategic Communication
 Strategic Management
 Student Affairs Administration
 Supply Chain Management
 Sustainable Agriculture and Food Systems
 Sustainable Tourism and Protected Area Management
 Teaching and Curriculum
 Teaching and Learning in Postsecondary Education
 Telecommunication, Information Studies and Media
 The City: Environment, Design and Society
 Theatre
 Turfgrass Management
 Urban and Community Forestry
 Urban and Regional Planning
 Urban Education
 Veterinary Medicine
 Veterinary Technology
 Viticulture
 Women, Gender and Social Justice
 Women's Studies
 World Politics
 Youth and Society
 Youth Development
 Youth Development Specialist
 Youth Program Management and Evaluation
 Zoology
 Preprofessional
 Dentistry
 Law
 Medicine
 Optometry
 Osteopathy
 Podiatry
 Theology
 Veterinary Medicine

DEGREES

Michigan State University grants the following degrees upon satisfactory completion of appropriate programs of study in the departments, schools, and colleges.

Bachelor of Arts B.A.
 Bachelor of Fine Arts B.F.A.
 Bachelor of Landscape Architecture B.L.A.
 Bachelor of Music B.Mus.
 Bachelor of Science B.S.
 Bachelor of Science in Nursing B.S.N.
 Juris Doctor J.D.
 Master of Arts M.A.

Master of Arts for Teachers M.A.T.
 Master of Business Administration M.B.A.
 Master of Fine Arts M.F.A.
 Master of International Planning Studies M.I.P.S.
 Master of Human Resources and Labor Relations M.H.R.L.
 Master of Jurisprudence M.J.
 Master of Laws LL.M.
 Master of Music M.Mus.
 Master of Public Policy M.P.P.
 Master of Science in Nursing M.S.N.
 Master of Science M.S.
 Master of Social Work M.S.W.
 Master in Urban and Regional Planning M.U.R.P.
 Educational Specialist Ed.S.
 Doctor of Education Ed.D.
 Doctor of Medicine M.D.
 Doctor of Musical Arts D.M.A.
 Doctor of Nursing Practice D.N.P.
 Doctor of Osteopathic Medicine D.O.
 Doctor of Philosophy Ph.D.
 Doctor of Veterinary Medicine D.V.M.

Undergraduate programs and degree requirements are described in a section entitled *Undergraduate Education*. Graduate programs and degree requirements as well as dual degree programs and joint degree programs are described in a section devoted to *Graduate Education*. For detailed information about the programs of study and requirements in the colleges and their schools and departments, the section in *Academic Programs* describing each college should be consulted.

TEACHER CERTIFICATION

For information about teacher certification opportunities, options, and requirements, refer to the statement on *TEACHER CERTIFICATION* in the *Department of Teacher Education* section of this catalog.

COURSE DESIGNATIONS

Throughout the programs of study given in this section, courses are identified either by course subject codes, course numbers, and course titles (example: CSE 101 Computing Concepts and Competencies) or by course names and course numbers (example: Computer Science and Engineering 101).

Additional information about specific courses may be found in the frequently updated online version of *Course Descriptions* at: www.reg.msu.edu/Courses.asp.

To assist in locating information about specific courses in the *Course Descriptions*, the course subject codes are listed below in alphabetical order. For each subject code, the corresponding name is given.

SUBJECT CODE	NAME
AAAS	African American and African Studies
ABM	Agribusiness Management
ACC	Accounting
ACM	Arts and Cultural Management
ADV	Advertising
AE	Agricultural Engineering
AESC	Applied Engineering Sciences
AFR	African Languages
AFRE	Agricultural, Food, and Resource Economics
AIIS	American Indian and Indigenous Studies
AL	Arts and Letters
AMS	American Studies
ANP	Anthropology
ANR	Agriculture and Natural Resources
ANS	Animal Science
ANTR	Human Anatomy
ARB	Arabic
AS	Aerospace Studies
ASN	Asian Languages
AST	Astronomy and Astrophysics

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Course Designations

AT	Institute of Agricultural Technology	ISS	Integrative Studies in Social, Behavioral and Economic Sciences
ATD	Apparel and Textile Design	ITL	Italian
ATM	Agricultural Technology and Systems Management	ITM	Information Technology Management
BE	Biosystems Engineering	JPN	Japanese
BLD	Biomedical Laboratory Diagnostics	JRN	Journalism
BMB	Biochemistry and Molecular Biology	JS	Jewish Studies
BME	Biomedical Engineering	KIN	Kinesiology
BMS	BioMolecular Science	KOR	Korean
BS	Biological Science	LA	Landscape Architecture
BUS	Business	LAW	MSU College of Law
CAS	Communication Arts and Sciences	LB	Lyman Briggs
CE	Civil Engineering	LCS	Large Animal Clinical Sciences
CEM	Chemistry	LIN	Linguistics
CEP	Counseling, Educational Psychology and Special Education	LL	Linguistics and Languages
CHE	Chemical Engineering	LLT	Language, Learning and Teaching
CHS	Chinese	LTN	Latin
CJ	Criminal Justice	MBA	Master of Business Administration
CLA	Classical Studies	MC	James Madison College
CLS	Chicano/Latino Studies	ME	Mechanical Engineering
CMB	Cell and Molecular Biology	MED	Medicine
CMBA	Corporate MBA Program	MGT	Management
CMP	Construction Management Program	MI	Media and Information
CMSE	Computational Mathematics, Science, and Engineering	MKT	Marketing
COM	Communication	MMG	Microbiology and Molecular Genetics
CSD	Communicative Sciences and Disorders	MS	Military Science
CSE	Computer Science and Engineering	MSE	Materials Science and Engineering
CSS	Crop and Soil Sciences	MTH	Mathematics
CSUS	Community Sustainability	MTHE	Mathematics Education
DAN	Dance	MUS	Music
DH	Digital Humanities	MUSM	Museum Studies
EAD	Educational Administration	NEU	Neuroscience
EC	Economics	NOP	Neurology and Ophthalmology
ECE	Electrical and Computer Engineering	NSC	Natural Science
ED	Education	NUR	Nursing
EEO	Environmental Economics and Policy	OGR	Obstetrics, Gynecology, and Reproductive Biology
EGR	Engineering	OMM	Osteopathic Manipulative Medicine
EM	Emergency Medicine	OSS	Osteopathic Surgical Specialities
EMB	Executive MBA	OST	Osteopathic Medicine
ENE	Environmental Engineering	PDC	Planning, Design and Construction
ENG	English	PDI	Pathobiology and Diagnostic Investigation
ENT	Entomology	PED	Pediatrics
EPI	Epidemiology	PHD	Pediatrics and Human Development
ES	Earth Science	PHL	Philosophy
ESL	English as a Second Language	PHM	Pharmacology and Toxicology
ESP	Environmental Science and Policy	PHY	Physics
FCM	Family and Community Medicine	PIM	Integrative Management
FI	Finance	PKG	Packaging
FIM	Food Industry Management	PLB	Plant Biology
FLM	Film Studies	PLP	Plant Pathology
FLT	Foreign Language Teaching	PLS	Political Science
FM	Family Medicine	PMR	Physical Medicine and Rehabilitation
FOR	Forestry	PPL	Public Policy
FRN	French	PRT	Portuguese
FRS	Forensic Science	PSC	Psychiatry
FSC	Food Science	PSL	Physiology
FW	Fisheries and Wildlife	PSY	Psychology
GBL	General Business and Business Law	QB	Quantitative Biology
GEN	Genetics	RAD	Radiology
GEO	Geography	RCAH	Residential College in the Arts and Humanities
GLG	Geological Sciences	REL	Religious Studies
GRK	Greek	RET	Retailing
GRM	German	ROM	Romance Languages
GSAH	Global Studies in the Arts and Humanities	RUS	Russian
GUSP	Global Urban Studies Program	SCM	Supply Chain Management
HA	History of Art	SCS	Small Animal Clinical Sciences
HB	Hospitality Business	SME	Science and Mathematics Education
HDFS	Human Development and Family Studies	SOC	Sociology
HEB	Hebrew	SPN	Spanish
HED	Human Environment and Design	SSC	Social Science
HM	Human Medicine	STA	Studio Art
HNF	Human Nutrition and Foods	STT	Statistics and Probability
HRLR	Human Resources and Labor Relations	SUR	Surgery
HRT	Horticulture	SW	Social Work
HST	History	TE	Teacher Education
IAH	Integrative Studies in Arts and Humanities	THR	Theatre
IBIO	Integrative Biology	TSM	Technology Systems Management
IDES	Interior Design	UGS	Undergraduate Studies
IM	Internal Medicine	UP	Urban Planning
ISB	Integrative Studies in Biological Sciences	VM	Veterinary Medicine
ISE	Integrated Science Education	WRA	Writing, Rhetoric and American Cultures
ISP	Integrative Studies in Physical Sciences	WS	Women's Studies

UNIVERSITY ORGANIZATION

Refer to the Michigan State University home page for information about the central administration; the academic organization of the university; the academic governance system including Faculty Senate, University Council standing committees, advisory consultative committees and university student–faculty judiciaries; administrative advisory committees; and Board established committees, www.msu.edu.

The names of the persons who hold administrative positions and who serve on the committees are included at this site: www.msu.edu/about/thisismsu/board-admin/index.html.