



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, first-year students and sophomores, 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 intellectual development and achievement.

At the graduate level, colleges that 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 through 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 2012 entering cohort, indicates that 81% of that cohort graduated within 6 years, or 150% of the normal time to award. Of the same cohort, 78% graduated within 5 years, and 54% 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

African American and African Studies
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
Orthopedics
Pediatrics and Human Development
Pharmacology and Toxicology
Physiology
Psychiatry
Radiology
Surgery
Translational Neuroscience

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
Orthopedics
Osteopathic Manipulative Medicine
Osteopathic Medical Specialties
Osteopathic Surgical Specialties
PA Medicine
Pediatrics
Pharmacology and Toxicology
Physical Medicine and Rehabilitation
Physician Assistant's Medicine
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.

Accelerator Science and Engineering
Accounting
Accounting Analytics
Actuarial Science
Adult Gerontology-Clinical Nurse Specialist
Advertising and Public Relations
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 Development in International Agriculture and Natural Resources
Applied Behavior Analysis
Applied Engineering Sciences
Applied Mathematics
Applied Statistics
Arabic
Art and Art History
 Art Education
 Art History and Visual Culture
 Studio Art
Art Photography
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-Interdepartmental
Biology
Biomedical Engineering
Biomedical Laboratory Operations
Biomedical Laboratory Science
Biostatistics
Biosystems Engineering
Biotechnology
Black American and Diasporic Studies
Broadcast Journalism
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
Children's and Young Adult Literature
Chinese

Civil Engineering
Classical and Ancient Mediterranean Studies
Classical Studies
Clinical Laboratory Sciences
Clinical Medicine
Clinical Nurse Specialist
Clinical Social Work
Coaching
Cognitive Science
Collaborative Piano
Comic Art and Graphic Novels
Commercial Floriculture
Communication
Communication Arts and Sciences-Media and Information Studies
Communication Leadership and Strategy
Communicative Sciences and Disorders
Community, Agriculture, Recreation and Resource Studies
Comparative Cultures and Politics
Comparative Medicine and Integrative Biology
Computational Data Science
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
Cyber Criminology and Cyber Security

Dairy Production
Dance
Data Science
Dietetics
Digital Humanities
Digital Media
Digital Rhetoric and Professional Writing
Documentary Studies

Early Care and Education
Early Childhood-General and Special Education
Earth and Environmental Sciences
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 and Computer Engineering
Elementary STEM Education
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 Policy
Environmental Sciences and Management
Environmental Studies
Environmental Studies and Agriscience

THE ACADEMIC PROGRAM
Programs and Areas of Study

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

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

Health and Risk Communication
Health Promotion
Healthcare Management
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 Medicine Research
Human Nutrition
Human Nutrition-Environmental Toxicology
Human Resource Management
Human Resources and Labor Relations
Humanities—Prelaw

Indian and South Asian Languages and Cultures
Indigenous Studies
Industrial Mathematics
Industrial Relations and Human Resources
Infancy and Early Childhood
Information and Communication Technology and Development
Information and Media
Information Science
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

K—12 Educational Administration
K—12 English as a Second Language
K12 Computer Science Education
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
Legal Studies
Linguistics
Literacy and Language Instruction
Livestock Production

Management, Strategy and Leadership
Management Studies
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 Analytics
Media and Communication Technology
Media Arts and Technology
Media Photography
Medical Laboratory Science
Medical Neuroscience
Medical Partners in Public Health
Microbiology
Military Science—Army
Molecular, Cellular, and Integrative Physiology
Molecular Plant Sciences
Museum Studies

Music
Collaborative Piano
Composition
Composition and Music Theory
Conducting
Education
Jazz Studies
Performance
Theory

Music Career Development
Music Cognition
Musicology
Muslim Studies

Natural Resource Recreation and Tourism
Neuroscience
Neuroscience and the Law
Neuroscience-Environmental Toxicology
Nonprofit Fundraising
Nurse Practitioner
Nurse Practitioner-Adult Gerontological Primary Care
Nurse Practitioner-Family
Nurse Practitioner-Psychiatric Mental Health
Nursing
Nursing Practice
Nutrition and Dietetics
Nutritional Sciences

Operations and Sourcing Management
Organizational Behavior—Human Resource Management

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Programs and Areas of Study

Organizational Communication for Leadership
 Osteopathic Medicine
 PA 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
 Popular Culture Studies
 Portuguese
 Professional Applications in Anthropology
 Professional and Public Writing
 Program Evaluation
 Psychology
 Public Health
 Public Health Administration
 Public Health Informatics
 Public Policy
 Public Relations
 Quantitative Biology
 Quantitative Risk Analytics
 Race and Ethnicity in the United States
 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 Science Quantitative Data Analytics
 Social Work
 Sociology
 Soil Science
 South Asian Languages
 Spanish
 Spatial Ecology
 Special Education
 Emotional Impairment
 Learning Disabilities
 Special Education Leadership: Multi-Tiered Systems of Support
 Sports Business Management
 Sports Coaching and Leadership
 Sports Journalism
 Statistics
 Strategic Communication
 Strategic Management
 Student Affairs Administration
 Supply Chain Management
 Sustainable Agriculture and Food Systems
 Sustainable Bioproducts Science and Technology
 Sustainable Tourism and Protected Area Management
 Teacher Leadership
 Teaching and Curriculum
 Teaching and Learning in Postsecondary Education
 Teaching in Nursing
 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 Nursing
 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 Legal Studies	M.L.S.
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
AAE	Advanced Academic English
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
AT	Institute of Agricultural Technology
ATD	Apparel and Textile Design
ATM	Agricultural Technology and Systems Management
BE	Biosystems Engineering
BLD	Biomedical Laboratory Diagnostics
BMB	Biochemistry and Molecular Biology
BME	Biomedical Engineering
BMS	BioMolecular Science
BS	Biological Science
BUS	Business
CAS	Communication Arts and Sciences
CE	Civil Engineering
CEM	Chemistry
CEP	Counseling, Educational Psychology and Special Education
CHE	Chemical Engineering
CHS	Chinese
CJ	Criminal Justice
CLA	Classical Studies
CLS	Chicano/Latino Studies
CMB	Cell and Molecular Biology
CMBA	Corporate MBA Program
CMP	Construction Management Program
CMSE	Computational Mathematics, Science, and Engineering
COM	Communication
CSD	Communicative Sciences and Disorders
CSE	Computer Science and Engineering
CSS	Crop and Soil Sciences
CSUS	Community Sustainability
DAN	Dance
DH	Digital Humanities
EAD	Educational Administration
EC	Economics
ECE	Electrical and Computer Engineering
ED	Education
EEM	Environmental Economics and Management
EGR	Engineering

EM	Emergency Medicine
EMB	Executive MBA
ENE	Environmental Engineering
ENG	English
ENT	Entomology
EPI	Epidemiology
ES	Earth Science
ESH	Entrepreneurship
ESL	English as a Second Language
ESP	Environmental Science and Policy
FCM	Family and Community Medicine
FI	Finance
FIM	Food Industry Management
FLM	Film Studies
FLT	Foreign Language Teaching
FM	Family Medicine
FOR	Forestry
FRN	French
FRS	Forensic Science
FSC	Food Science
FW	Fisheries and Wildlife
GBL	General Business and Business Law
GD	Graphic Design
GEN	Genetics
GEO	Geography
GLG	Geological Sciences
GRK	Greek
GRM	German
GSAH	Global Studies in the Arts and Humanities
GUSP	Global Urban Studies Program
HA	History of Art
HB	Hospitality Business
HCM	Healthcare Management
HDFS	Human Development and Family Studies
HEB	Hebrew
HED	Human Environment and Design
HM	Human Medicine
HNF	Human Nutrition and Foods
HRLR	Human Resources and Labor Relations
HRT	Horticulture
HST	History
IAH	Integrative Studies in Arts and Humanities
IBIO	Integrative Biology
IDES	Interior Design
IM	Internal Medicine
ISB	Integrative Studies in Biological Sciences
ISE	Integrated Science Education
ISP	Integrative Studies in Physical Sciences
ISS	Integrative Studies in Social, Behavioral and Economic Sciences
ITL	Italian
ITM	Information Technology Management
JPN	Japanese
JRN	Journalism
JS	Jewish Studies
KIN	Kinesiology
KOR	Korean
LA	Landscape Architecture
LAW	MSU College of Law
LB	Lyman Briggs
LCS	Large Animal Clinical Sciences
LIN	Linguistics
LL	Linguistics and Languages
LLT	Language, Learning and Teaching
LTN	Latin
LWG	Law Graduate Students
MBA	Master of Business Administration
MC	James Madison College
ME	Mechanical Engineering
MED	Medicine
MGT	Management
MI	Media and Information
MKT	Marketing
MMG	Microbiology and Molecular Genetics
MS	Military Science
MSE	Materials Science and Engineering
MTH	Mathematics
MTHE	Mathematics Education
MUS	Music
MUSM	Museum Studies
NEU	Neuroscience
NOP	Neurology and Ophthalmology
NSC	Natural Science
NUR	Nursing
OGR	Obstetrics, Gynecology, and Reproductive Biology
OMM	Osteopathic Manipulative Medicine
OSS	Osteopathic Surgical Specialties
OST	Osteopathic Medicine
PDC	Planning, Design and Construction
PDI	Pathobiology and Diagnostic Investigation
PED	Pediatrics
PHD	Pediatrics and Human Development
PHL	Philosophy

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Course Designations

PHM	Pharmacology and Toxicology
PHY	Physics
PIM	Integrative Management
PKG	Packaging
PLB	Plant Biology
PLP	Plant Pathology
PLS	Political Science
PMR	Physical Medicine and Rehabilitation
PPL	Public Policy
PR	Public Relations
PRT	Portuguese
PSC	Psychiatry
PSL	Physiology
PSY	Psychology
QB	Quantitative Biology
RAD	Radiology
RCAH	Residential College in the Arts and Humanities
REL	Religious Studies
RET	Retailing
ROM	Romance Languages
RUS	Russian
SCM	Supply Chain Management
SCS	Small Animal Clinical Sciences
SME	Science and Mathematics Education
SOC	Sociology
SPN	Spanish
SSC	Social Science
STA	Studio Art
STT	Statistics and Probability
SUR	Surgery
SW	Social Work

TE	Teacher Education
THR	Theatre
TSM	Technology Systems Management
UGS	Undergraduate Studies
UP	Urban Planning
VM	Veterinary Medicine
WRA	Writing, Rhetoric and American Cultures
WS	Women's Studies
XA	Experience Architecture

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.