

GRAND VALLEY STATE UNIVERSITY

# ACADEMIC PROGRAMS

*Offering 107 undergraduate and 45 graduate degrees*

## UNDERGRADUATE

### **Accounting, B.B.A., Minor**

Adventure Tourism Management, Minor

### **Advertising and Public Relations, B.A., B.S., Minor**

Africana Studies, Minor

Aging and Adult Life, Minor

### **Allied Health Sciences, B.S.**

### **Anthropology, B.A., B.S., Minor**

Applied Communication, Minor

### **Applied Food and Nutrition, B.S.**

Applied Linguistics, Minor

Applied Statistics, Minor

Aquatic Sciences, Minor

Arabic, Minor

Archaeology, Minor

### **Art – Studio Art, B.A., B.F.A., B.S., Minor**

### **Art Education, B.A., B.S.**

### **Art History, B.A., Minor**

### **Artificial Intelligence, B.S., Minor**

### **Behavioral Neuroscience, B.A., B.S.**

### **Biochemistry, B.S.**

### **Biology, B.A., B.S.**

### **Biomedical Engineering, B.S.E., Minor**

### **Biomedical Sciences, B.S.**

### **Business Economics, B.B.A.**

### **Business, General, B.B.A., Minor**

Cannabis Operations Management, Minor

### **Cardiovascular Sonography, B.S.**

### **Cell and Molecular Biology, B.S., Minor**

### **Chemistry, B.S.**

Chinese Language, Minor

### **Classics, B.A., Minor**

### **Climate Science, B.S., Minor**

### **Communication and Media Studies, B.A., B.S.**

Communication and Public Advocacy, Minor

### **Communication Sciences and Disorders, B.S.**

### **Computer Engineering, B.S.E., Minor**

### **Computer Science, B.S., Minor**

### **Computing, B.A.S.**

Computing and Philosophy, Minor

### **Criminal Justice, B.A., B.S., Minor**

### **Cybersecurity, B.S., Minor**

### **Dance, B.A., B.S., Minor**

### **Data Science and Analytics, B.S.**

Data Science, Minor

### **Diagnostic Medical Sonography, B.S.**

Digital Studies, Minor

Disability Studies, Minor

Early Childhood Education, Minor

### **Earth Science, B.S.**

East Asian Studies, Minor

### **Economics, B.A., B.S., Minor**

### **Education for Young Children, Birth to Kindergarten, General and Special Education, B.A., B.S.**

Education – Teacher Certification

### **Electrical Engineering, B.S.E.**

Engineering Science, Minor

### **English, B.A., Minor**

English – Secondary Education, Minor

### **Environmental and Sustainability**

**Studies, B.A., B.S., Minor**

### **Environmental Science, B.S., Minor**

ESL (English Second Language), Minor

Ethics, Culture, and Society, Minor

Event Sustainability Management, Minor

### **Exercise Science, B.S.**

### **Film and Video, B.A., B.S.**

Finance, B.B.A.

### **Fisheries and Aquatic Sciences, B.S.**

### **French, B.A., Minor**

French PK-12 Teaching, Minor

### **Geography, B.A., B.S.**

### **Geology, B.S., Minor**

### **Geology – Chemistry, B.S.**

Geospatial Technology, Minor

### **German, B.A., Minor**

German PK-12 Teaching, Minor

### **Global Studies and Social Impact, B.A., B.S.**

### **Health and Physical Education, B.S.**

Health Care Ethics, Minor

Health Care Information Systems, Minor

### **Health Communication, B.A., B.S.**

### **Health Information Management, B.S.**

### **History, B.A., B.S., Minor**

History of Science, Minor

### **Hospitality and Tourism Management, B.S., Minor**

### **Human Centered Computing, B.S., Minor**

### **Human Resource Management, B.B.A.**

Human Rights, Minor

Information Security Systems, Minor

### **Information Systems, B.S., Minor**

### **Information Technology, B.S., Minor**

### **Integrative Studies, B.A., B.S.**

### **Interdisciplinary Engineering, B.S.E.**

International Business, Minor

### **International Relations, B.A., Minor**

Japanese Language, Minor

### **Journalism, Broadcasting, and Digital Media, B.A., B.S.**

Juvenile Justice, Minor

Latin American and Latino/a Studies, Minor

### **Leadership and Business Fundamentals, B.A.S.**

### **Legal Studies, B.A., B.S., Minor**

Lesbian, Gay, Bisexual, Transgender, and Queer Studies, Minor

### **Management, B.B.A., Minor**

Management Information Systems emphasis

### **Management, General, B.B.A.**

### **Marketing, B.B.A., Minor**

### **Mathematics, B.A., B.S., Minor**

Mathematics – Secondary Education, Minor

Mathematical Statistics, Minor

### **Mechanical Engineering, B.S.E.**

### **Medical Laboratory Science, B.S.**

### **Microbiology, B.S.**

Middle East Studies, Minor

Movement Science, Minor

### **Music, B.A., B.M., Minor**

### **Music Education, B.M.E.**

### **Natural Resources and Environmental Management, B.S., Minor**

Nonprofit Administration, Minor

### **Nursing, B.S.N.**

### **Occupational Safety and Health Management, B.S., Minor**

### **Operations Management, B.B.A.**

### **Pedagogical Content Knowledge for Elementary Teaching, B.A., B.S.**

### **Performing Arts Industry, B.S.**

### **Philosophy, B.A., Minor**

### **Photography, B.A., B.S., Minor**

### **Physics, B.S., Minor**

### **Political Science, B.A., B.S., Minor**

### **Preprofessional Studies**

Pre dental Studies

Pre health Studies

Pre law Studies

Pre medical Studies

Pre pharmacy Studies

Pre veterinary Medicine

### **Product Design and Manufacturing Engineering, B.S.E.**

### **Professional Innovation, B.A.S.**

### **Psychology, B.A., B.S., Minor**

Psychology – Teaching, Minor

Public Administration, Minor

### **Public and Nonprofit Administration, B.A., B.S.**

### **Radiation Therapy, B.S.**

### **Recreational Therapy, B.S.**

Religious Studies, Minor

### **Respiratory Care, B.S.**

### **Science – Secondary Education, B.S.**

### **Social Studies Group, B.A., B.S.**

### **Social Work, B.S.W.**

### **Sociology, B.A., B.S., Minor**

### **Software Engineering, B.S., Minor**

### **Spanish, B.A., Minor**

Spanish PK-12 Teaching, Minor

### **Sport Management, B.S.**

### **Statistics, B.A., B.S.**

STEM Ethics, Minor

### **Supply Chain Management, B.B.A.**

Sustainable Urban and Regional Planning, Minor

### **Theatre, B.A., B.S., Minor**

### **Wildlife Biology, B.S.**

### **Women, Gender, and Sexuality Studies, B.A., B.S., Minor**

### **Writing, B.A., B.S., Minor**

# GRADUATE

## **Accounting, M.S.A.**

Business Analysis and Reporting  
Controllership  
Information Systems and Controls  
Tax Compliance and Planning

## **Applied Computer Science, M.S.**

## **Applied Statistics, M.S.**

## **Artificial Intelligence, M.S.**

## **Athletic Training, M.A.T.**

## **Audiology, Au.D.**

## **Biology, M.S.**

Aquatic Sciences  
Natural Resources

## **Biomedical Sciences, M.H.S.**

General Studies  
Research

## **Biostatistics, M.S.**

## **Business Administration, M.B.A.**

Executive Program (EMBA)  
Professional M.B.A. (PMBA)

## **Business Leadership, M.S.**

## **Cell and Molecular Biology, M.S.**

Biotechnology  
Research

## **Clinical Dietetics, M.S.**

## **Communications, M.S.**

## **Criminal Justice, M.S.**

## **Cybersecurity, M.S.**

## **Data Science and Analytics, M.S.**

## **Education, Educational Leadership, M.Ed.**

Educational Leadership  
Special Education Administration

## **Education, Instruction and**

## **Curriculum, M.Ed.**

Early Childhood Education  
Educational Differentiation  
Elementary Education  
Graduate Teacher Certification  
Secondary Level Education

## **Education, Learning, Design, and Technology, M.Ed.**

Educational Technology  
Instructional Design

## **Education, Literacy Studies, M.Ed.**

Elementary Reading  
General Literacy Studies  
K-12 Reading Specialist  
Secondary Reading

## **Education, School Counseling, M.Ed.**

## **Education, Special Education, M.Ed.**

Autism Spectrum Disorder  
Cognitive Impairment  
Specific Learning Disabilities

## **Educational Specialist in Leadership, Ed.S.**

## **Engineering, M.S.E.**

Biomedical Engineering  
Electrical and Computer Engineering  
Manufacturing and Design Engineering  
Mechanical Engineering

## **Health Administration, M.H.A.**

## **Health Informatics and Bioinformatics, M.S.**

## **Higher Education and Student Affairs**

## **Administration, M.A.**

## **Human Centered Computing, M.S.**

## **Medical Dosimetry, M.S.**

## **Nursing, D.N.P.**

Adult-Gerontology  
Adult/Older Adult Primary Care  
Nurse Practitioner  
Family Care Nurse Practitioner  
Pediatric Acute Care Nurse Practitioner  
Pediatric Dual Care Nurse Practitioner  
Pediatric Primary Care Nurse Practitioner  
Pediatrics  
Post-M.S.N.  
Psychiatric Mental Health  
Nurse Practitioner

## **Nursing, M.S.N.**

Adult-Gerontology  
Pediatrics

## **Occupational Therapy, M.S., Dr.O.T.**

## **Physical Therapy, D.P.T.**

## **Physician Assistant Studies, M.P.A.S.**

## *PROFESSIONAL SCIENCE*

## *MASTER'S PROGRAMS*

Applied Statistics, M.S.  
Biostatistics, M.S.  
Cell and Molecular Biology, M.S.  
Data Science and Analytics, M.S.  
Health Informatics and  
Bioinformatics, M.S.

## **Public Administration, M.P.A.**

Criminal Justice  
Health Administration  
Nonprofit Management  
and Leadership  
Policy Analysis, Advocacy,  
and Evaluation  
State, Regional, and Local  
Governance

## **Public Health, M.P.H.**

Epidemiology  
Health Promotion

## **Recreational Therapy, M.S.**

## **School Psychology, M.S. & Psy.S.**

## **Social Innovation, M.A.**

## **Social Work, M.S.W.**

## **Software Engineering, M.S.**

## **Speech-Language Pathology, M.S.**

## **Water Resource Policy, M.S.**

# COMBINED DEGREE PROGRAMS

*Current qualified GVSU undergraduates  
can earn both a bachelor's and master's  
degree within an accelerated time frame,  
saving time and money.*

## **Accounting B.B.A. and M.S.A.**

## **Advertising and Public Relations B.A., B.S. and Communications M.S.**

## **Allied Health Sciences B.S. and Athletic Training M.A.T.**

## **Allied Health Sciences B.S. and Public Health M.P.H.**

## **Applied Food and Nutrition B.S. and Clinical Dietetics M.S.**

## **Biomedical Sciences B.S. and M.H.S.**

## **Cell and Molecular Biology B.S. and M.S.**

## **Communication and Media Studies, B.A., B.S. and Communications M.S.**

## **Computer Engineering B.S.E. and**

## **Applied Computer Science M.S.**

## **Computer Science B.S. and**

## **Applied Computer Science M.S.**

## **Computer Science B.S. and Artificial Intelligence M.S.**

## **Computer Science B.S. and**

## **Cybersecurity M.S.**

## **Computer Science B.S. and**

## **Data Science and Analytics M.S.**

## **Computer Science B.S. and Software**

## **Engineering M.S.**

## **Cybersecurity B.S. and M.S.**

## **Engineering B.S.E. and M.S.E.**

## **Exercise Science B.S. and Athletic**

## **Training M.A.T.**

## **Exercise Science B.S. and Public**

## **Health M.P.H.**

## **Health Communication B.A., B.S. and**

## **Communications M.S.**

## **Information Systems B.S. and**

## **Applied Computer Science M.S.**

## **Information Systems B.S. and**

## **Cybersecurity M.S.**

## **Information Technology B.S. and Applied**

## **Computer Science M.S.**

## **Information Technology B.S. and**

## **Cybersecurity M.S.**

## **Journalism, Broadcasting, and Digital**

## **Media, B.A., B.S. and Communications, M.S.**

## **Mathematics BA., B.S. and**

## **Engineering M.S.E.**

## **Occupational Therapy M.S. and Dr.O.T.**

## **Public and Nonprofit Administration B.A.,**

## **B.S. and Public Administration M.P.A.**

## **Recreational Therapy B.S. and M.S.**

## **Statistics B.S. and Applied Statistics M.S.**

## **Statistics B.S. and Biostatistics M.S.**

## **Statistics B.S. and Data Science and**

## **Analytics M.S.**

## **Student-initiated Combined Degree**

## UNDERGRADUATE CERTIFICATES

Applied Anthropology  
Applied Computer Practitioner  
Applied Data Analytics  
Applied GIS in Natural Resources  
Artificial Intelligence Foundations  
Bioinformatics and Genomics  
Business Fundamentals  
Cannabis Operations and  
Community Planning  
Climate Science  
Digital Media  
Ecological Restoration  
Environmental Remote Sensing  
Event Sustainability Operations  
Geographic Information Science  
and Technology  
Green Chemistry  
Intercultural Communications  
Interdisciplinary Entrepreneurship  
International Teaching  
Latino/a Studies  
Leadership  
Medical and Health Humanities  
Paralegal Studies  
Piano Pedagogy  
Project Management  
Real Estate  
Spanish for Healthcare Professionals  
Sport Coaching  
Sustainable Food Systems  
Sustainable Urban and Regional Planning

## UNDERGRADUATE BADGES

Advanced Craft Brewing  
Applied Business Sustainability  
American Sign Language, Advanced  
American Sign Language, Foundational  
Applied Computing Foundations  
Applied Operations Management  
Business Analytics  
Cannabis Operations  
Civic Change Agent  
Electromagnetic Compatibility  
Engineering Graphical Communication  
Enterprise Resource Planning  
Event Sustainability  
Food and Beverage Service  
Homebrewing Beer  
Intercultural Competence  
Intercultural Fluency for Business, Advanced  
Intercultural Fluency for Business,  
Foundational  
Intercultural Fluency for Business,  
Intermediate  
Interprofessional Collaborative Practice  
Introduction to Mechatronics  
Multilingualism  
Public History  
R Programming  
Sales Fundamentals  
Service Management  
Social Media and Analytics  
Technical Sales  
Workplace Technology and Communication

## GRADUATE CERTIFICATES

Acute Care Pediatric Nurse Practitioner  
Bioinformatics and Genomics  
English to Speakers of Other Languages  
(ESOL)  
Healthcare Leadership  
Interprofessional Health Informatics  
Literacy Coaching  
Nonprofit Leadership  
Online/Blended Instruction  
and Assessment  
Palliative and Hospice Care  
Psychiatric Mental Health  
Nurse Practitioner

## GRADUATE BADGES

Advanced Tax Practice  
Business Fundamentals  
Biomedical Informatics  
Business Leadership  
Business Process  
Computing Fundamentals  
Corporate Transactions  
Cybersecurity  
Data Analytics  
Data Mining Fundamentals  
Database Management  
Digital Forensics Fundamentals  
Distributed Computing  
Electromagnetic Compatibility  
Embedded Systems  
Foundations of Tax Practice  
Information Security Fundamentals  
Information Systems Management  
Information Systems Project  
Management Fundamentals  
Information Visualization Fundamentals  
Interprofessional Collaborative Practice  
Mobile Application Fundamentals  
Operations Research  
Palliative and Hospice Care I  
Palliative and Hospice Care II  
Software Design and Development  
Software Engineering  
Telehealth  
Victim Advocacy and Services  
Wealth Planning  
Web and Mobile Computing  
Web Application Fundamentals