

# GRAND VALLEY STATE UNIVERSITY

# ACADEMIC PROGRAMS

*Offering 102 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**

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

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

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

Biology – Secondary Education, Minor

### **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.**

Chemistry – Secondary Education, Minor

Chinese Language, Minor

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

Communication and Public Advocacy, Minor

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

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

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

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

Early Childhood Education, Minor

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

Earth Science – Secondary Education, Minor

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, 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.**

Geography – Teaching, Minor

### **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 – Secondary Education, Minor

History of Science, Minor

### **Hospitality and Tourism Management, 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**

Physics – Secondary Education, Minor

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

Political Science – Teaching, Minor

### **Preprofessional Studies**

Pre dental Studies

Pre health Studies

Prelaw Studies

Premedical Studies

Pre pharmacy Studies

Preveterinary 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**

### **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

### **Technology Project Management, B.A.S.**

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

### **Web Design and Development, B.A.S.**

### **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.

Auditing  
Taxation

## Applied Computer Science, M.S.

## Applied Statistics, 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)

## 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, Higher Education, M.Ed.

Adult and Higher Education  
College Student Affairs Leadership

## 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  
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.

Finance  
Hospital Administration  
Long-term Care Administration  
Practice Management  
Self-directed

## Health Informatics and Bioinformatics, M.S.

## Medical Dosimetry, M.S.

## Nursing, D.N.P.

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  
Post-M.S.N.  
Psychiatric Mental Health  
Nurse Practitioner

## Nursing, M.S.N.

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

## Philanthropy and Nonprofit Leadership, M.P.N.L.

Community Impact  
Custom  
Mission Advancement  
Nonprofit Healthcare

## 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.

## Speech-Language Pathology, M.S.

## Taxation, M.S.T.

## 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 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 Cybersecurity M.S.

## Computer Science B.S. and Data Science and Analytics 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.

## 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 Data Analytics  
Applied GIS in Natural Resources  
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  
Sport Coaching  
Sustainable Food Systems  
Sustainable Urban and Regional Planning

## UNDERGRADUATE BADGES

Advanced Craft Brewing  
American Sign Language, Advanced  
American Sign Language, Foundational  
Business Analytics  
Cannabis Operations  
Civic Change Agent  
Electromagnetic Compatibility  
Enterprise Resource Planning  
Event Sustainability  
Food and Beverage Service  
Homebrewing Beer  
Intercultural Competence  
Interprofessional Collaborative Practice  
Multilingualism  
Public History  
R Programming  
Sales Fundamentals  
Social Media and Analytics  
Technical Sales  
Workplace Technology and Communication

## GRADUATE CERTIFICATES

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

## GRADUATE BADGES

Advanced Tax Practice  
Biomedical Informatics  
Corporate Transactions  
Cybersecurity  
Data Analytics  
Data Mining Fundamentals  
Database 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  
Networking Fundamentals  
Object-Oriented Programming Fundamentals  
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