

Department of Humanities

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GRADUATE LEVEL COURSEWORK

Graduate Badge in Technical Writing

This graduate badge comprises 9 credit hours offered through Purdue University Online*.

The Grace College Department of Humanities, in partnership with Purdue University, offers a Graduate Badge in Technical Writing. This innovative program gives Grace students access to convenient, affordable, graduate-level coursework that can be completed simultaneously with their undergraduate degree. It is ideal for students seeking to distinguish themselves in the job market as well as those who are considering graduate school. Students in this program complete three online, graduate-level courses through Purdue University, which they typically take during their final year of undergraduate study at Grace College. After graduation, students who complete the program have the option to apply at Purdue and roll their graduate credits into one of Purdue University's online Master's programs. For more information on the Graduate Badge in Technical Writing, contact the Grace College Director of Partnership Programs.

The Technical Writing Badge includes three hands-on, practical courses that help you communicate effectively in numerous professional capacities. These courses will train students to convert complex ideas into simple prose, explain cause and effect relationships, and advocate for truth and reason.

Courses are 8 weeks each and begin in the Fall 2022 semester.

English 60311 – Medical and Healthcare Writing (3 credits)

English 60411 – Writing Proposals and Grants (3 credits)

English 60511 – Editing and Publishing (3 credits)

For more information, please contact Director of Partnership Programs, Cliff Staton at statonc@grace.edu.

Graduate Badge in Corporate Communications Strategy

The Grace College Department of Humanities, in partnership with the Brian Lamb School of Communication at Purdue University, offers a Graduate Badge in Corporate Communications Strategy. This innovative program gives Grace students access to convenient, affordable graduate-level coursework that can be completed simultaneously with their undergraduate degree. It is ideal for students seeking to distinguish themselves in the job market as well as those who are considering graduate school in communication or a related field. Students in this program complete four online, graduate-level courses through Purdue University Online, which they typically take during their final year of undergraduate study at Grace College. After graduation, students who complete the courses have the option to apply to Purdue and roll their credits into Purdue University's online MS in Communication program; at that point, students only need six additional courses to graduate from Purdue University with a full master's degree. For more information on Corporate Communications Strategy, contact the Grace College Director of Partnership Programs, or Communication Program Director.

Admission Process and Requirements

To apply for entry into this program, students must notify the Director of Partnership Programs of their intent to apply at least 45 days prior to the start of the academic term in which they plan to begin the program. Students must demonstrate a high degree of readiness for graduate-level coursework and submit the following evidences of eligibility to the Director:

1. An official transcript of coursework reflecting a minimum of sixty (60) undergraduate credit hours earned **and** a minimum undergraduate cumulative GPA of 3.0.
2. An endorsement and contact information from a current Grace College faculty member attesting to the student's readiness for graduate-level coursework in this program.
3. A 500 to 750-word written Statement of Purpose demonstrating the student's readiness to pursue graduate level coursework in this area and strong alignment of the program with their professional and/or academic goals.

Additionally, it is recommended that students seeking entry into the program have taken relevant communication-related coursework, possess strong oral and written communication skills, and have a professional experiential base such as a communication-related internship, part-time job, or extracurricular activities.

Applications expire one year from the date the application was received for admission. If applicants do not enroll in the program within that period, they will be required to complete a new application.

GRADUATE BADGE IN CORPORATE COMMUNICATIONS STRATEGY

This graduate badge comprises 12 credit hours offered through Purdue University Online*.

Graduate-Level Communication Foundation (3 hours):

COM 60111 Seminar in Strategic Communication

Graduate-Level Communication Electives - chosen from the following (9 hours):

COM 60311 Seminar in Crisis Communication

COM 60911 Strategic Public Relations

COM 62111 Strategic Communication and Social Media

COM 65000 Communication and Leadership

COM 60511 Strategic Communication and Professional Writing

Satisfactory Progress Policy

Students are required to maintain a cumulative GPA of 3.0 or above in both their graduate and undergraduate courses to continue in the program. Students whose cumulative GPA falls below 3.0 will move to probationary status for one session. If their GPA remains below a 3.0 after the probationary session, they must stop taking graduate courses until their cumulative GPA has returned to a 3.0 or higher. All courses taken, whether the requirements are completed or not, will be awarded Purdue academic credit and will appear on the student's Purdue transcript.

*Additional fees may apply and coursework is subject to change. For more information, please contact the Director of Partnership Programs, Cliff Staton at statoncq@grace.edu.

NOTE: Course descriptions for Graduate Corporate Communications Strategy courses can be found through the Purdue University Online website: <https://online.purdue.edu/programs/communication/masters-in-communication/courses>. For other course descriptions, please contact the Director of Partnership Programs.

Department of Science and Mathematics

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BIOLOGY MAJOR

Bachelor of Science and Bachelor of Arts

The requirement for a major in biology is 65-66 credit hours in biology and designated biology-related supporting courses, and includes a required minor in chemistry. Students can select a concentration in General Biology or Neurobiology.

Required Science Courses (40 hours):

BIO 1610/1620 General Biology I and Lab
BIO 1710/1720 General Biology II and Lab
BIO 2110/2120 General Ecology and Lab
BIO 2310 Biochemistry
BIO 3110 Cellular & Molecular Biology
BIO 4210 Genetics
BIO 4010 Senior Seminar
CHM 1610/1620 General Chemistry I and Lab
CHM 1710/1720 General Chemistry II and Lab
CHM 2610/2620 Organic Chemistry I and Lab
CHM 2710/2720 Organic Chemistry II and Lab

General Biology Concentration (22 hours)

BIO 2110/2120 General Ecology I and Lab
BIO 2210 Nutrition
BIO 2410/2420 Plant Biology and Lab
BIO 2510/2520 Animal Biology and Lab
BIO XXX Development Biology
BIO 4110/4120 Microbiology and Lab

Neurobiology Concentration (25 hours)

PSY 2170 Abnormal Psychology
CHM 3610 Analytical & Environmental Chemistry
BIO 3210/3220 Advanced Anatomy & Physiology I and Lab
NSM I Neuroscience Foundations
NSM II Biological Basis of Perception & Movement
NSM III Cognitive Neuroscience
NSM IV Clinical Neuropathology
BIO Pathophysiology

Electives - choose from the following (15-16 hours):

BIO 2410/2420 Plant Biology and Lab
BIO 2510/2520 Animal Biology and Lab
BIO 3210/3220 Advanced Anatomy & Physiology I and Lab
BIO 3310/3320 Advanced Anatomy & Physiology II and Lab
BIO 4110/4120 Microbiology and Lab
PHY 2140/2150 College Physics I and Lab

PHY 2160/2170 College Physics II and Lab
MAT 1230/1240 Calculus I and Lab
MAT 3200 Probability and Statistics

Other Science Electives (10 hours):

Choose 10 additional hours from approved BIO/ENV/SCI/EXS courses, at least one of which must include a lab.

NOTE: Course description for PSY can be found in the Department of Behavioral Science course listings. NSM courses are offered via partnership with LCMC and course descriptions can be found [here](#). Additional fees may apply to partnership programs. For more information, please contact the Director of Partnership Programs at staton@grace.edu.

MEDICAL IMAGING MAJOR (in partnership with John Patrick University)
Bachelor of Science

The major in medical imaging is offered in collaboration with John Patrick University (JPU). This technical degree prepares graduates for certification in magnetic resonance imagery (MRI), nuclear medicine, sonography, or computed tomography (CT) subspecialties. Students complete basic science and math courses along with General Education at Grace College with the remaining specialty coursework offered remotely through JPU. Clinical training occurs at one of the nearly 200 medical facilities partnered with this program.

Grace College Core (39 hours)

Additional Grace College General Education for B.S. degree (6 hours)

MAT 1120 College Algebra
PSY 1100 Introduction to Psychology

Required Grace College courses (22 hours):

BIO 2010/2020 Anatomy & Physiology I and Lab
BIO 2040/2050 Anatomy & Physiology II and Lab
(or BIO 1710/1720 General Biology II and Lab)
BIO 2700/2710 Introduction to Microbiology
BIO 3710 Pathophysiology
MAT 3200 Probability and Statistics
PHY 2140/2150 College Physics I and Lab

Required JPU Core Medical Imaging courses (33 hours):

RS 300 Orientation to Advanced Modalities
RS 306 Patient Care in Advanced Modalities
BIOL 352 Imaging and Sectional Anatomy
RS 312 Radiation Physics
RS 390 Ethics and Law for Advanced Modalities
RS 302 Radiation Biology and Protection
MI 330 Leadership and Communication
RS 314 Pharmacology
RS 316 Professionalism and Workplace Experience
RS 403 Professional Practice

RS 435 Research Methods and Capstone
RS 420 Clinical Practice I

Concentrations (select one of the following):

Nuclear Medicine (24 hours):

NM 400 Orientation to Nuclear Medicine
NM 406 Diagnostic and Therapeutic Procedures I
NM 407 Diagnostics and Therapeutic Procedures II
NM 408 Instrumentation, QC and QA
NM 414 Radiopharmacy and Pharmacology
NM 424 Radiation Safety in Nuclear Medicine
NM 421 Clinical Practice II

Magnetic Resonance Imaging / MRI (24 hours):

RS 318 Productivity & Assessment in Radiation Sciences
RS 404 Communication and Information Management
MR 400 Orientation to MRI
MR 406 MRI Procedures
MR 408 MRI Instrumentation, Imaging Physics, and Safety
MR 412 MRI Anatomy and Pathology Correlation
MR 414 Pulse Sequences, Image Formation and Contrast
MR 416 Advanced Techniques in MRI

Sonography (24 hours):

US 400 Orientation to Sonography
US 406 Sonographic Procedures and Studies I
US 408 Sonographic Physics and Instrumentation
US 409 Sonographic Physics and Instrumentation II
US 401 Anatomy and Physiology for Sonography
US 421 Clinical Practice II

Computed Tomography / CT (44 hours):

Students must also complete the Nuclear Medicine concentration for this degree path

CT 400 Orientation to Computed Tomography
CT 406 CT Procedures
CT 408 CT Instrumentation and Imaging Physics
CT 412 CT Anatomy and Pathology Correlation
CT 414 Planar and Volumetric Post-Processing
CT 421 Clinical Practice I

NOTE: Courses listed for JPU may be subject to change. Course descriptions for JPU courses may be found [here](#). Partnership programs may include additional fees. For more information, please contact the Director of Partnership Programs at statoncg@grace.edu or the Biology Program Director. This is a Grace College degree.

Bachelor of Science and Bachelor of Arts

The requirement for a major in Computer Science includes 61 credit hours in a variety of computing and math disciplines. Specific Computing Science courses are offered online through a partnership with the Lower Cost Models for Independent Colleges Consortium (LCMC). A total of 3 concentrations are offered for students to pursue a more specific area of interest in Computer Science.

Computing Core (21 hours):

CSI 1150 Introduction to Computer Science
ISM 2700 HTML and Web Development
ISM 2150 Object Oriented Programming
ISM 3410 Database Programming
ISM 4110 Client-Side Programming
ISM 4120 Application Development Lab
ISM 4930 Internship

Math Core (13 hours):

MAT 1230 Calculus 1
MAT 1240 Calculus 1 Lab
MAT 1250 Calculus 2
MAT 2200 Discrete Mathematics
MAT 3130 Linear Algebra

Computer Science (15 hours):

CSM I Introduction to C
CSM II Inside of a Microprocessor
CSM III Data Structures
CSM IV Algorithms
CSM V Product Development

Concentrations - select one of the following (12 hours):

Concentration 1: Business

BUS 1010 Foundations of Business
ACC 2110 Financial Accounting
MGT 2430 Principles of Management
ISM 4800 ISM Senior Seminar

Concentration 2: Pre Data Science

MAT 4200 Probability Theory
MAT 4320 Mathematics Statistics
MAT 4830 Research in Mathematics
MAT 4020 Math Senior Seminar

Concentration 3: Application Development

ISM 4800 ISM Senior Seminar
3 Electives from the following LCMC Courses:
CSC I Internet History, Technology and Security
CSC IV Web Development
CSC V Application Development I
CSC VI Application Development II

NOTE: Course descriptions for BUS, ACC, ISM and MGT can be found in the Department of Business course listings. CSC and CSM courses are offered via partnership with LCMC and course descriptions can be found [here](#). Additional fees may apply to partnership programs. For more information, please contact the Director of Partnership Programs at statonc@grace.edu.

Department of Visual, Performing, and Media Arts

Department of Visual, Performing, and Media Arts

FILM STUDIES MINOR

Note: At the time of printing, the Film Studies minor is anticipated to be available through the Council of Christian Colleges and Universities (CCCU) Global Education program for **Spring sessions only**.

For more information regarding the status of the Film Studies minor contact reiffkm@grace.edu or global@grace.edu. For information on other CCCU Global Education opportunities visit: <https://www.cccuglobaled.org>.

The Film Studies minor is offered in collaboration with the Council of Christian Colleges and Universities (CCCU) GlobalEd program. Sixteen credit hours of the minor are taken on location in Los Angeles, California. Six credit hours are taken at Grace College, Winona Lake campus. This minor is intended for students pursuing any major area of study. The requirement for the film studies minor is 22 credit hours. For more information visit <https://www.cccuglobaled.org>.

Los Angeles Film Studies Center Requirements (16 hours):

CIN 0010 Los Angeles Film Studies Center

Film Studies Requirements - Grace Campus (6 hours):

CIN 3270 Introduction to Cinema

MDI 2000 Intro to Media Production

Course Description

CIN 0010 LA Film Studies Center

Note: At the time of this revision this program previously offered through (CCCU) Global Education is anticipated to be available for the Spring sessions of the academic year. For more information regarding for the Film Studies minor contact reiffkm@grace.edu or global@grace.edu.

The Film Studies minor is offered through the Council of Christian Colleges and Universities (CCCU) GlobalEd program - formerly called the BestSemester program. Workshops combine with electives to teach relevant production processes and protocols, as well as the vital skills of collaboration. Sixteen credits of the minor are taken on location in Los Angeles, California. For more information on Global Education through the Council of Christian Colleges and Universities visit: <https://www.cccuglobaled.org>.

Department of Behavioral Science

Department of Behavioral Science

Faculty

Full-time Faculty:

Kelly Arney, Ph.D., Dean
Kevin Roberts, Psy.D., Associate Dean
Thomas Edgington, Ph.D., Graduate Liaison
Joe Graham, Psy.D.

Part-time Faculty:

Craig Allebach, M.A.
Wendy Darr, M.A.
Sharon Dutkowski, M.S.
Brad Kellar, B.S.
Kevin Vanderground, JD