

Major in Philosophy

I. Major Program Requirements

Thirty-three semester credits of philosophy, including the following:

PHIL 113	Formal Logic
PHIL 151	Ancient Philosophy
PHIL 202	Medieval Philosophy
PHIL 303	Modern Philosophy
PHIL 304	Contemporary Philosophy
PHIL 310	Metaphysics
PHIL 313	Epistemology
PHIL 324	Ethical Theory
PHIL 495	Philosophy Seminar

II. Other Program Requirements

1. A modern or classical second language through intermediate level.
2. A comprehensive examination at the end of the student's senior year. The philosophy examination consists of written answers to questions selected from a previously disclosed list and later oral discussion of the written answers. Students who are writing an honors thesis are exempt from the comprehensive examination.

Note: All degree students should review requirements for graduation as described in this catalog.

Minor in Philosophy

Minor Program Requirements

Eighteen semester credits of philosophy, including:

PHIL 495	Philosophy Seminar
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and at least one course from among the following:

PHIL 310	Metaphysics
PHIL 313	Epistemology
PHIL 324	Ethical Theory

PHYSICS

KELLY CLINE, PH.D.
MARY E. KEEFFE, PH.D.
ANTHONY M. SZPILKA, PH.D.

Minor in Physics

I. Minor Program Requirements

PHYS 205	Engineering Physics I: Mechanics
PHYS 206	Engineering Physics II: Electricity and Magnetism
PHYS 322	Modern Physics
PHYS 322L	Mathematical Methods of Modern Physics
PHYS 323	Optics and Electromagnetic Radiation
PHYS/ENGR 305	Electronics and Circuit Analysis I

One additional course from the following list:

ENGR 302	Engineering Mechanics I: Statics
PHYS/ENGR 306	Electronics and Circuit Analysis II
PHYS/ENGR 308	Thermodynamics

II. Math Prerequisites

MA 121 & 122	Differential and Integral Calculus
or MA 131	Calculus of Single Variable Functions
MA 232	Differential Equations and Linear Algebra I
MA 233	Multivariable Calculus

Minor in Physics for Secondary Education

I. Minor Program Requirements

PHYS 205	Engineering Physics I: Mechanics
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PHYS 206	Engineering Physics II: Electricity and Magnetism, Optics
PHYS 321	Geometrical Optics
PHYS 322	Modern Physics
PHYS/ENGR 305	Electronics and Circuit Analysis I

II. Other Program Requirements

PHIL 252	Philosophy and History of Science
ED 346	Teaching Science in the Secondary School
MA 207	Elementary Statistics

Two courses chosen from Astronomy, Chemistry, or Earth Science

III. Math Prerequisites

MA 121 and 122	Differential and Integral Calculus
MA 232	Differential Equations and Linear Algebra I
MA 233	Multivariable Calculus

IV. Recommended Course

ENGR 302	Engineering Mechanics I: Statics
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Note: In order to be licensed to teach in a secondary school in Montana, a student is required to have a teaching major in a subject field acceptable for licensure endorsement as well as the teaching minor. All degree students should review requirements for graduation as described in this catalog.

POLITICAL SCIENCE

ZACHARY CALLEN, PH.D.
ERIK K. PRATT, PH.D.
WILLIAM B. PARSONS JR., PH.D.

Mission and Goals

Whether your goal is a career in law, politics, Foreign Service, teaching or journalism, Carroll's Department of Political Science will provide the training necessary to prepare you for your future. With excellent professors, courses that require students to develop their writing, critical thinking, and communication skills, and abundant opportunities to gain practical experience through Carroll's legal and political internship programs, Carroll political science graduates are uniquely prepared for the demands of the professional world and the rigors of graduate studies or law school.

With an impressive 13-to-1 student-to-faculty ratio and modest class sizes, Carroll students enjoy the opportunity to establish close relationships with their instructors and receive individualized attention from professors, who maintain a keen interest in their students' achievements. Carroll professors are committed to providing rigorous academic challenges in an atmosphere that values ethics and moral principles. You will emerge from Carroll prepared to lead and succeed in both your work and personal endeavors.

Major in Political Science

I. Major Program Requirements

Thirty-three semester credits of political science courses, including:

PO 104	American National Government
PO 115	International Relations
PO 205	Early Modern Political Thought
PO 280	Introduction to Comparative Politics
PO 495	Senior Seminar

II. Other Program Requirements

A. Foreign Language or Quantitative Analysis Option

Option I: Two semesters of modern foreign language. Those with previous language training are urged to begin at the appropriate level to fulfill the two-course requirement.

Option II: MA 207 Elementary Statistics and PO 306 Data Analysis for Public Policy. Both courses assume a basic knowledge of Algebra.

B. Writing Competence for Majors and Minors

The Political Science department expects its students to be able to write well. All majors and minors are required to take ENWR 203 Expository Writing.

Major in Political Science for Secondary Education

I. Major Program Requirements

Thirty semester credits of political science courses, including:

PO 104	American National Government
PO 115	International Relations
PO 205	Early Modern Political Thought
PO 216	American Political Thought
PO 230	Montana State Politics
PO 280	Introduction to Comparative Politics
PO 312	Elections, Political Parties, and Public Opinion
PO 319	Urban Politics

II. Other Program Requirements

MA 207 Elementary Statistics

III. Program Recommendations

PO 222 United States Foreign Policy

IV. Professional Education Requirements

AN/SO 218	Introduction to Native American Studies
CS 103	Instructional Media and Technology
ED 102	Foundations of Education
ED 205	Classroom Management
ED/PSY 229	Educational Psychology
ED 245	Diversity Field Experience
ED 318	Content Area Reading and Secondary Methods
ED 344	Secondary Social Studies
ED 405	Education Seminar
ED 410	Student Teaching
ED 412	Measurement and Assessment in Teaching
HPE214	The School Health Program
PSY 228	Adolescent Psychology
SPED 300	Introduction to Exceptional Children
United States and contemporary world cultures course—see index for page number	

Note: Secondary education students with this major must have a teaching minor. Please see “Department of Education: Health, Physical, and Teacher” for details.

V. Acceptance into the Teacher Education Program and Student Teaching Program

A. Teacher Education Program: Individuals pursuing academic programs that lead to teacher licensure must seek admission to the teacher education program by the end of their sophomore year.

B. Student Teaching Program: In the spring semester of the junior year, all preservice teachers must seek admission to the student teaching program. For details see index for page numbers for Teacher Education and Student Teaching programs.

Note: All students are required to meet the requirements for graduation from Carroll College as listed in this catalog.

Minor in Political Science

I. Minor Program Requirements

Twenty-one semester credits of political science courses, including:

PO 104	American National Government
PO 115	International Relations
PO 205	Early Modern Political Thought
PO 230	Montana State Politics
PO 280	Introduction to Comparative Politics
PO 495	Senior Seminar

II. Other program requirements

The Political Science department expects its graduates to be able to write well. In this regard all majors and minors are required to take ENWR 203, Expository Writing.

PSYCHOLOGY

LESLIE A. ANGEL, M.A.

BRAD ELISON, ED.D.

THOMAS W. HAMILTON, M.S.

JOY HOLLOWAY, PH.D.

ANNE PERKINS, PH.D.

Mission and Goals

The Psychology Department is designed to prepare students for entry into professional degree programs or employment in applied professional programs that offer human services. Students who successfully complete the degree in psychology are expected to have:

- An understanding of the theories, principles, methods, and applications that define the discipline of psychology.
- The critical and analytical thinking skills needed to solve problems that are germane to the human condition.
- Research skills that include formulating hypotheses, selecting appropriate research designs for the questions asked, using and interpreting data analyses for descriptive and inferential research.
- Communication skills using APA writing style and oral communication in group settings.
- A passion for improving the human condition using a holistic biopsychosocial perspective.

Major in Psychology

I. Major Program Requirements

PSY 105	General Psychology
PSY 203	Developmental Psychology
or PSY 227	Child Psychology
and PSY 228	Adolescent Psychology
PSY 216	Social Psychology
PSY 222	History and Systems in Psychology
PSY 304	Theories and Research in Counseling Psychology
PSY 305	Junior Seminar
PSY 306	Abnormal Psychology
PSY 307	Learning and Cognition
PSY 309	Research Methods
PSY 414	Physiological Psychology

One additional Psychology elective 300 level or above.

One of the following:

PSY 417	Practicum
PSY 418	Practicum