



SAINT LOUIS UNIVERSITY

—
1818 ADVANCED COLLEGE CREDIT
PROGRAM

Saint Louis University and Indiana University

DUAL CREDIT PIPELINE PROJECT

Fall 2018 Course Catalog

All questions or help, should be directed to Mr. Bretton M. DeLaria in the 1818 Program Office by emailing 1818@slu.edu

About the Joint Partnership

The Dual Credit Pipeline is designed by Indiana University is a project to ensure that all teachers offering dual credit courses are eligible, trained, supported, and delivering the highest quality college course.

Saint Louis University has been allowed to join the project as a partnering institution. Due to limited online programming and on-campus sections that meet during appropriate times for high school instructors, the partnership will allow 1818Adjunct Instructors to enroll in online courses from Indiana University and be reimbursed by Saint Louis University for the tuition costs of the online courses. Individuals may take up to 9 graduate hours per academic year from Indiana University that will be paid for by SLU 1818 Program.

The Pipeline initiative and partnership combines ongoing programmatic support with graduate coursework offered through Indiana University that matches expectations of the on-campus department/academic unit and meets Saint Louis University graduate coursework standards.

Payment for Courses

As an effort to increase access to quality accredited graduate courses from respected institutions for instructors in need of credit hours, Saint Louis University is allowing instructors in the 1818 Advanced College Credit Program to take advantage of the partnership by enrolling up to 9 credit hours per academic year at zero costs of tuition to them.

Saint Louis University will pay Indiana University directly each academic semester for all instructor coursework. Individuals will need to fill out the Dual Credit Pipeline Scholarship Request each semester they enroll in courses, so SLU may track enrollment and verify it with Indiana University.

Enrolling for Courses through IU

Individuals should review the course catalog attached for the available courses in the fall semester. Future courses will be distributed via email and posted online under Partner Benefits.

Individuals wishing to participate in the program should fill out the online application through Indiana University at https://iu.co1.qualtrics.com/jfe/form/SV_0enw5nRy4KBvdk1 before the start of the fall semester at Indiana University.

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Catalog Table of Contents by Disciplines

Biology	4
BIOL-T 582, Advanced Field Zoology	4
BIOL-T 585, Model Organisms in Research	4
BIOL-T 571, Introductory Biochemistry	4
Chemistry	5
CHEM-T 550, Introductory Biochemistry	5
CHEM-T 560, Environmental Chemistry	5
Communications.....	6
CMCL - Communication & Culture, C-545-Pedagogy in Communication and Culture.....	6
CMCL - Communication & Culture, C-606-Media Criticism	6
COMM - Communication Studies, C-544-Advanced Relational Communications.....	6
SPCH-S 640, Studies in Organizational Communication	6
English	7
ENG – English, G - 660 Stylistics	7
ENG – English, L-503- Teaching of Literature in College	7
ENG – English, L-643-Readings in Colonial and Postcolonial Literatures.....	7
ENG – English, W-500-Teaching Composition Issues and Approaches	7
ENG – English, W-508-Grad Creating Writing Teachers.....	7
ENG – English, W-509-Introduction: Writing and Literacy Studies.....	7
ENG – English, W-590-Teaching Composition: Theories and Applications	8
ENG – English, W-600- Topics in Rhetoric and Composition	8
ENG – English, W-602- Contemporary Theories in Rhetoric and Composition	8
ENG – English, W-620-Advanced Argumentative Writing.....	8
ENG – English, W-682-Spec. Topics: Rhetoric & Composition	8
History	9
HIST-T 510, Historical Methodology.....	9
HIST-T 530, Early America - 1400-1800.....	9
HIST-T 540, The Long Nineteenth Century: 1800-1917	9
Math.....	10
MATH – Mathematics M-501-Survey of Algebra.....	10
MATH – Mathematics, M-505-Basic Number Theory I.....	10
MATH – Mathematics, M-521-Topology.....	10
MATH – Mathematics, M-571-Anlysis of Numerical Methods I.....	10
Political Science.....	11

POLS-P 570, Introduction to the study of Politics..... 11
POLS-Y 580, Research Methods in Political Science 11
POLS-Y 661, American Politics..... 11

Dual Credit Pipeline Project

FALL 2018 COURSE CATALOG

Saint Louis University's 1818 Advanced College Credit Program has approved all courses offered through the Dual Credit Pipeline Project to count towards instructor approval.

Courses are offered through Indiana University and the course catalog is subject to change based upon their policies and procedures. Individuals will be held accountable to Indiana University's academic policies and procedures for graduate education.

Biology

BIOL-T 582, Advanced Field Zoology

This course will cover areas related to ecology – specifically in the areas of wildlife biology, wildlife management, and conservation biology. There will be some bias towards vertebrate and behavioral ecology.

BIOL-T 585, Model Organisms in Research

Students will be introduced to the evolutionary similarities that allow study of human disease in certain organisms and the differences that limit the conclusions that can be made from that research. Students will be introduced to the history of the use of these organisms and the characteristics that give these organisms the label or “model” organism. Students will be asked to think critically and be able to evaluate primary sources of research.

BIOL-T 571, Introductory Biochemistry

Protein composition and structure, Enzyme kinetics, catalytic and regulatory strategies, Carbohydrates, Nucleic acids, Lipids and cell membranes, Transducing and storing energy - metabolic cycles, Responding to environmental changes.

Chemistry

CHEM-T 550, Introductory Biochemistry

Protein composition and structure, Enzyme kinetics, catalytic and regulatory strategies, Carbohydrates, Nucleic acids, Lipids and cell membranes, Transducing and storing energy -metabolic cycles, Responding to environmental changes.

CHEM-T 560, Environmental Chemistry

Students will understand the role chemistry plays on the environment, and critical topics in environmental chemistry

Communications

CMCL - Communication & Culture, C-545-Pedagogy in Communication and Culture

Focuses on critical, theoretical, philosophical and strategic approaches to problems of pedagogy in communication and culture.

CMCL - Communication & Culture, C-606-Media Criticism

Study of the main schools and methods of media criticism. Course will examine major theoretical/conceptual lenses (e.g., Marxist analysis, feminist analysis, rhetorical analysis, economic analysis, et al.) that are instrumental in the critique of media systems, message creation, and effects.

COMM - Communication Studies, C-544-Advanced Relational Communications

An introductory course in interpersonal communication. Applications of communication theory/research in such areas as relational culture and relationship development. Includes a scholarly project on a real relationship, and applications of research to areas such as pedagogy and couple/family therapy.

SPCH-S 640, Studies in Organizational Communication

Critical examination of quantitative and qualitative research in the area of organizational communication. Emphasizes decision making, superior-subordinate interaction, communication not works and climate and organizational culture. Focuses on critical assessment of research.

English

ENG – English, G - 660 Stylistics

Survey of traditional and linguistic approaches to the study of prose and poetic style. Attention will center on description of the verbal characteristics of texts, what those characteristics reflect about the author, and how they affect the reader.

ENG – English, L-503- Teaching of Literature in College

Classroom teaching of literature in the light of current approaches.

ENG – English, L-643-Readings in Colonial and Postcolonial Literatures

Study of literature within the historical, cultural and political context of European colonialism and anti- or post-colonial resistance. Topics might include the role of literature in the formation of nations and national consciousness, literatures of particular nations, or postcolonial theory.

ENG – English, W-500-Teaching Composition Issues and Approaches

Consideration of fundamental issues in the teaching of writing and the major approaches to composition instruction. Specific topics include teaching invention and revision, diagnosing errors, teaching style and organization, making assignments, and evaluating student writing.

ENG – English, W-508-Grad Creating Writing Teachers

Offers current and future teachers insights into the creative writing process, teaches them to think as writers do, suggest strategies for critiquing creative work, and provide guidance in developing creative-writing curriculum. Emphasis on hands-on writing activities in three genres, adaptable for use with students at entry level.

ENG – English, W-509-Introduction: Writing and Literacy Studies

This is the core course in the writing and literacy track of the English master's program. Students will read, analyze, discuss, and write about key issues in writing and literacy, laying a foundation for further study. Special emphasis will be placed on research methods in this field.

ENG – English, W-590-Teaching Composition: Theories and Applications

Drawing on current scholarship and relevant statements from the rhetorical tradition, W590 examines theoretical assumptions in the design of classroom practices. The course focuses on knowing what we teach- and why-when we say that we teach writing. It also investigates how theories of reading, language, and technology apply to composition; how processes are central to written composition and teaching it; and how learning to write involves social and individual activities. Students respond to the assigned readings and analyze writing experiences taken from a variety of contexts, culminating in an independent project on a specific issue.

ENG – English, W-600- Topics in Rhetoric and Composition

Covers selected issues in current composition and rhetorical theory.

ENG – English, W-602- Contemporary Theories in Rhetoric and Composition

An introduction to current research in rhetoric and composition. Draws on insights from linguistic theory, cognitive theory, and rhetorical theory to develop greater understanding of the writing process and build pedagogical applications.

ENG – English, W-620-Advanced Argumentative Writing

Examines techniques for analyzing and constructing arguments for different disciplines and professions, especially the use of proofs, evidence, and logic. Considers major issues of argument, such as the ethics of persuading audiences and the use of style. Student write several researched arguments on political, legal, scientific and academic issues.

ENG – English, W-682-Spec. Topics: Rhetoric & Composition

Topics are variable and change with evolution of scholarship in the field and instructor expertise. Past topics have included: technology, popular culture, history of writing instruction, and theoretical perspectives such as feminist rhetorical methods.

History

HIST-T 510, Historical Methodology

This course covers an intensive, multi-media investigation of what artifacts comprise history and how historians now devise various methods of inquiry driven by incisive research questions to explain and interconnect those artifacts. This course will look at surveys of current research methods and problems, especially in U.S. history, to illuminate the development of history as a rigorous discipline of inquiry.

HIST-T 530, Early America - 1400-1800

This course explores the development of primarily North America from 1400 to 1800. Special emphasis will be placed on encounters between natives of the continent and outsiders, the colonial experience, and the cause and consequences of the American Revolution.

HIST-T 540, The Long Nineteenth Century: 1800-1917

This course tracks United States history between the early nineteenth century and American participation in the First World War. As a graduate-level course, it is reading and writing intensive, and students will be expected to examine and articulate their own understanding of several scholarly books and articles as well as original records. To practice and refine their historical thinking skills, moreover, students will have the opportunity to review two books, write short contemplative response papers, and craft a historiographical essay centered on a topic of their own choosing.

Math

MATH – Mathematics M-501-Survey of Algebra

A continuation for the undergraduate sequence of Modern Algebra. Groups: Jordan-Holder theorem, Sylow theorems, Free Groups. Rings: Ideals and Factor Rings. Fields: Algebraic closure; separable and inseparable algebraic extensions; Galois theory; finite fields, insolvability of the quintic.

MATH – Mathematics, M-505-Basic Number Theory I

P: M403-M404. Congruence, units modulo n , lattices and abelian groups, quadratic residues, arithmetic functions, diophantine equations, Farey fractions, continued fractions, partition function, the Sieve method, density of subsets of integers, zeta function, the prime number theorem.

MATH – Mathematics, M-521-Topology

Point-set topology including connectedness, compactness, separation properties, products, quotients, metrization, function spaces.

MATH – Mathematics, M-571-Analysis of Numerical Methods I

Solution of systems of linear equations, elimination and iterative methods, error analyses, eigenvalue problems.

Political Science

POLS-P 570, Introduction to the study of Politics

Problems of graduate study and professional scholarship; central organizing concepts and the use of theory in political science and related disciplines; specialized areas of research and scholarship in political science; conditions of scientific inquiry and methodological problems in the study of political phenomena; central importance of theory in explanation.

POLS-Y 580, Research Methods in Political Science

Foundations of political research; alternative research strategies; problems of measuring political variables; design of research to test hypotheses.

POLS-Y 661, American Politics

Illustrative topics: the Presidency, legislative process, political behavior, political parties and representation, political socialization, comparative state politics, urban politics, interest group politics.