JANUARY PROGRAM

January Program (Jan Plan) options include courses for credit, independent study, internships, noncredit courses, and faculty-led courses abroad.

Selected courses offered in January may be used to fulfill the January Program requirement, which is described in the Academic Requirements section. A complete list of offerings is available through the Curriculum Search link on the registrar’s website in October, when students elect a course for the January term. Some Jan Plans, such as those that involve travel or other special arrangements, may have early information sessions and application deadlines or may require a deposit. Enrollment is limited to 30 or fewer students in nearly all courses. First-year students have priority in all noncredit and 100-level courses unless otherwise indicated.

A more complete description of the January Program with information about previous Jan Plan activities is maintained at colby.edu/janplan. An online list of Jan Plans there is updated each year during the fall semester.

Most courses to be offered in January are described under the sponsoring academic department or program in this catalogue along with the regular semester offerings (a “j” following the course number indicates a January Program course). Some courses, however, are independent of any specific department and can be found by searching for “JP” courses in Curriculum Search on the registrar’s website.

Examples of such Jan Plans offered in recent years include Mindfulness, Furniture Making, Blacksmithing, Sheep to Shawl, Stress and the Human-Environment Interaction, Meteorology, Premed Academy, and Introduction to Entrepreneurship.

Course Offerings

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<td>AR117j</td>
<td>Introduction to Art Conservation and Preservation</td>
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<td>AR131Jj</td>
<td>Introduction to Studio Art</td>
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<td>AR217j</td>
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<td>AR218j</td>
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<td>Introduction to Bookbinding: Techniques and Intangibles</td>
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<td>AY297Aj</td>
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<td>BI111j</td>
<td>Emergency Medical Technician Training</td>
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<td>BI118j</td>
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<td>BI265j</td>
<td>Introduction to Human Anatomy and Physiology</td>
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<td>N. KLEPACH</td>
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<td>BI297Dj</td>
<td>Global Change Impacts on Marginal Marine Ecosystems</td>
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<td>N, Lb. PRICE</td>
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<tr>
<td>BI297Ej</td>
<td>Comparative Biomechanics</td>
<td>Three</td>
<td>O’BRIEN</td>
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</table>
BI371j  Applied Biomedical Genomics       Three credit hours.       TILDEN

CL143j  Introduction to Greek and Roman Archaeology       Three credit hours.       H. INSTRUCTOR

CL197j  Representing Rome       Three credit hours.       L. WELSER

CN125Jj  Elementary Chinese I       Three credit hours.       LIU

CS267j  Interactive Digital Media       Three credit hours.       A. MAXWELL

CS325j  Web Programming       Three credit hours.       SKRIEN

EA297Dj  Revolutionary Culture in Contemporary China       Three credit hours.       H, I. PARKER

EC117j  Introduction to Financial Decision Making       Three credit hours.       LARGAY

EC171j  Global Financial Markets       Three credit hours.       ATKINSON

EC256j  Economics of Crime       Three credit hours.       BURTON

ED221j  Creating Media for Social Change       Three credit hours.       PIERCE

ED227j  History of Educational Activism       Three credit hours.       CASALASPI

ED297j  Teach Freedom       Three credit hours.       AYERS

ED297Bj  What Kind of a Person is a Child?       Three credit hours.       INSTRUCTOR

ED351Jj  Practicum in Education       Three credit hours.       PROTO

ED437j  Student Teaching Practicum       Three credit hours.       HOWARD

EN115.Jj  English Composition: Critical Writing       Three credit hours.       W1. OSBORNE

EN174.Jj  Public Speaking       Two credit hours.       DONNELLY

EN237j  Postcolonial Pastoral: Ecology, Travel, and Writing       Three credit hours.       L, I. ROY

EN238j  Art of Fly-Fishing: Maine and Bishop, California       Three credit hours.       L. SUCHOFF

EN258j  Adventurous Writers of Maine: A Creative Writing Lab       Three credit hours.       A. BLEVINS, BRAUNSTEIN

EN297j  Race, Gender, and Experimental Women's Writing       Three credit hours.       L, U. ARDAM

ES151j  Landscapes and Meaning: An Exploration of Environmental Writing       Three credit hours.       L. MACKENZIE

ES214.Jj  Introduction to GIS and Spatial Analysis       Three credit hours.       GIMOND

ES219j  Architectural Design Workshop       Three credit hours.       LOCK

ES297Cj  Creative Environmental Storytelling       Three credit hours.       WILLIAMS
ES297Dj Global Change Impacts on Marginal Marine Ecosystems Three credit hours. N, Lb. PRICE

FR127Jj French III (Paris) Three credit hours. DAVIES

GE111j Geology of National Parks Three credit hours. N. RUEGER

GE242j Hydrogeology Three credit hours. MORIN

GM125Jj Elementary German I Three credit hours. A. KOCH

GO338j Field Study in African Development Three credit hours. SEAY

GO362j Advanced International Relations at Salzburg Global Seminar Three credit hours. S, I. BABIK

GS297j Contemporary Immigration in the US: Research, Policy, and Society Three credit hours. INSTRUCTOR

HI297Cj Cities from Scratch: A Global History of New Towns Three credit hours. H. MEREDITH

HI297Dj Revolutionary Culture in Contemporary China Three credit hours. H, I. PARKER

HI297Ej New Perspectives on the American Revolution Three credit hours. H, U. REARDON

HI297Jj America's Whitest State? Immigration in Maine, Yesterday and Today Three credit hours. H, U. ASCH

IT125Tj Italian I in Genoa Three credit hours. BRANCIFORTE

IT153j Modern and Contemporary Italian Fiction in Translation in Verona Three credit hours. L. BRANCACCIO

JA125Jj Elementary Japanese Three credit hours. SHMAGIN

JP003j Premed Academy Students will be paired with MaineGeneral-affiliated physicians in the Waterville area for intensive job shadowing and clinical observation. They will also develop and complete a project of benefit to the practice of the supervising physician and spend time reflecting on their experiences through group discussions centered on relevant readings. Nongraded. Prerequisite: Biology 163 and 164, or Chemistry 141 and 142, or 145; sophomore or higher standing; and significant interest in medicine as demonstrated through previous volunteer work or job shadowing. Application required. Upload résumé, unofficial academic record including courses in progress, and cover letter describing your learning goals and the relevance of the course to your professional plans in CareerLink. Noncredit. BERKNER

JP006j Furniture Making An introduction to the basic techniques and design skills that will enable students to create fine furniture. Hand- and power-tool techniques taught in a well-equipped shop at the Colby-Hume Center. $100 lab fee. Nongraded. Prerequisite: Permission of the instructor. Contact Daniel Camann at djcamann@colby.edu Noncredit. CAMANN

JP007j Blacksmithing An intensive introduction to the fundamental processes involved in forging and forming iron (steel), taught in a well-equipped shop at the Colby-Hume Center. Primary focus will be the development of the skills and understanding necessary to complete assigned exercises using fire, hammer, and anvil. Students will also work individually with the instructor to design and execute a final project. Materials fee: $100. Nongraded. Prerequisite: Prospective students should submit a brief essay outlining their interest in the course to the instructor, Steve Murdock, at scmurdoch@uninets.net. Final selection will be by personal interview. Noncredit. MURDOCK

JP023j Integrating Mindfulness-based Compassionate Communication Using Mindfulness skills as a foundation, we will study and practice a language called Mindfulness-based Compassionate Communication that uses a way of speaking that cultivates empathy and compassion for self and others. Learning this language brings clarity to our own needs as well as the needs of others no matter the healthy and unhealthy strategies used to attempt to meet the basic needs of our human condition such as trust, honesty, acceptance, connection, communication, being heard, and compassion. Noncredit. HATHAWAY

JP024j Sheep to Shawl Learn about the role of hand spinning in New England textile history and travel to a small Maine Community-
Supported Agriculture (CSA) sheep farm where you will wash fleece, hand dye wool, and needle felt. Build a portfolio as you spin wool, silk, cotton, and bamboo on a drop spindle and a spinning wheel. Explore color theory through carding, spinning, knitting, and crochet. No experience required. Noncredit. FOWLER

JP114j   The Wide World of Story  The shortest distance between two people is a story. No matter what you do in life, being a good storyteller will serve you well. In addition to being an effective way to teach, stories help us influence customers, clients, and voters and win friends. This course will help you get better at this powerful life skill. We will explore personal narratives, comedy, folk/world tales, teaching stories, ballads, and oral history. We will improve our craft, experimenting with voice, song, timing, and movement. After helping each other develop our stories in class, participants will share in at least one other setting: for children, seniors, or in a public venue. Previously offered as JP197C (January, 2018).  Three credit hours.  A. GILLMAN

JP135j   Multicultural Literacy  Introduces students to the knowledge and skills that constitute multicultural literacy, including 1) understanding and respecting differences based on race, ethnicity, gender, sexuality, social class, religion, and ability; 2) being aware of one's own culture/background and biases and how these may shape one's interaction with those who are different; 3) mastering key theoretical concepts that shape and inform contemporary approaches to diversity and social justice; and 4) communicating effectively across differences, managing conflict in positive ways, and intervening in negative situations. Prerequisite: First-year standing.  Three credit hours.  U. DUPLESSIS

JP137j   AIDS and the Meaning of Life  This class will stimulate personal emotional growth and self-empowerment: it might even change your life. The HIV/AIDS issue is not over, nor is our obligation to address it. Together, we will consider this important topic using a variety of disciplines, from the epidemiology of the disease to the cinematic/theatrical portrayals and everything in between, including the history, sociology, biology, spirituality and poetry of AIDS. Along the way, students will have the opportunity to apply their own interests so that others can benefit from their perspective and expertise. One important "textbook" for this course will be the professor's personal experiences living with HIV from its emergence in the '80s. Previously offered as JP197 (January, 2018).  Three credit hours.  FRIED

JP143j   Introduction to Entrepreneurship  An introduction to the new venture development process, from initial idea through funding and market launch. Identification and evaluation of new venture opportunities, and the development of a comprehensive business plan and funding summary are key learning objectives. Topics also include a review of the new venture funding industry and how these funding sources evaluate, value, and select potential investments. Nongraded. Does not count toward the economics majors or minors. Previously listed as JP297B (Jan Plan 2015 and 2016). Prerequisite: Economics 133 recommended but not required.  Three credit hours.  DOWNS

JP153j   Meteorology  Using text and real-time data, students discover how the basic principles of meteorology are used to understand weather systems and learn how to forecast weather patterns using these principles. A field trip allows those enrolled to interact with working meteorologists and discuss how forecasts are made for the public and private sectors. Students present their own meteorological research efforts, demonstrating their understanding of the principles and practices presented during Jan Plan. (Does not earn lab science credit.)  Three credit hours.  N. EPSTEIN

JP197j   Consumer Rights, Litigation Practice, and Advocacy Training  Sometimes creditors such as mortgage companies, landlords, student loan companies, and debt collectors harass consumers by trying to collect money that is simply not owed. This happens more than you might think but many times a consumer will pay the money or even give up a home instead of fighting a national creditor. In this interactive course, you will use consumer protection laws to make a loan servicer stop its wrongdoing and pay damages to a client who is being harmed. You will 1) meet with and counsel the client; 2) analyze the law; 3) draft a demand letter and complaint; 4) engage in discovery of information; 5) mediate; and 6) draft and argue a motion. This course is ideal for anyone who wants to learn to advocate for themselves or others.  Three credit hours.  STARK

JP197Bj   Domestic Violence Law  Domestic violence law is an excellent area of law to study because it leads to a greater understanding of how and why laws are created in general along with the real-world practicalities of its application to people. Domestic violence law is influenced by, but not limited to art, culture, history, philosophy as well as research in biology, sociology and psychology. It is an intimate area of law, which presents unique human challenges for defendants, victims, children, attorneys, judges, lawmakers and society. This course will take a global look at the extent to which being free of domestic violence is a human right.  Three credit hours.  ADAMS

JP197Cj   Values Education: Understanding and Teaching Values in Everyday Life  Provides an in-depth exploration of key concepts and a history of values in the United States, different approaches to values education, how values systems are formed and function within groups, and the relationship of values and leadership. Course material includes readings from the literature about values, examples from current media, and use of films, literature, and other material from the arts. Participants in this course will come away with a better understanding both of their own values and those of the society in which they live.  Three credit hours.  S. MERSON

JP197Fj   Handbell Choir  Handbells are an old and unique instrument where each person is vital to the performance. We will be looking at the notation, techniques, and terminology specific to handbells. As the music requires, we will also use handchimes. Prior experience with
handbells is not required, but a basic understanding of music notation is suggested. The performance at the end of the session will be the final exam. Nongraded. Three credit hours. **KELLY**

**JP197Gj**  **Water and Sanitation in Developing Communities**  An introduction to water supply, quality, and treatment in rural and urban developing communities; sanitation practices and technologies; other interventions for improvement of public health; and the social and political issues surrounding water and sanitation in such communities. These topics will be explored through lectures, case studies, readings, and guest speakers who work in international development. Students will critically assess a water or sanitation solution and present their findings to the class. Three credit hours. **INSTRUCTOR**

**JP197Hj**  **Product Management: A Path from Colby to the Tech World**  On a software team, a product manager is responsible for guiding the success of a product and leading the cross-functional team responsible for building it (all the while working with individuals of all levels of technical expertise) through establishing the product strategy, product roadmap, and product definition. It is the product owner who ultimately determines the how, when, and what of how an engineering team will create software. Students (whether they focus on technical or non-technical paths) will learn about different roles within the world of software, technology, and startups. Nongraded. Three credit hours. **RIMSA**

**JP215j**  **Philanthropy at Work**  An academically-grounded, community-based exploration of the role philanthropy plays in powering nonprofit organizations. Through real-life case studies, guest speakers, readings, and discussion, students will consider deeply how nonprofit organizations of various sizes in our community (and beyond) leverage philanthropy to fuel their mission. Working in small teams, students will apply the strategies and tools they learn to create a resource development plan for a non-profit organization. Previously offered as JP297C (January, 2018). Prerequisite: Junior or senior standing. Three credit hours. **HALLEE**

**JP231j**  **Economic Development in Conflict Zones**  Presents U.S. and NATO experience with nation building in Iraq and Afghanistan in the context of its political, cultural, economic, and security dimensions. Students will gain an understanding of economic/international development concepts and their relevance in these and other conflict zones. Introduces the various actors involved in economic and international development, their organizational and planning approaches, and how the United States and NATO integrated these entities into their whole of government approach. Previously offered as JP297C (January, 2018). Three credit hours. **JACKSON**

**JP297j**  **Sports Analytics in R**  An exploration of descriptive and predictive analytic techniques in the R programming language using data from a variety of sports. Data science methods covered will include importing, tidying, visualizing, and analyzing sports data. Working with Colby alumni in the sports industry, we will explore sports analytics questions using real data from professional and collegiate sporting leagues. Prerequisite: Statistics 212 or equivalent. Three credit hours. **MAJERUS**

**JP297Bj**  **Transrealism: Analysis and Methods**  Transrealism is a literary genre that mixes elements of science fiction with naturalistic fiction. In this course, students will read, analyze, and discuss multiple books a week in this genre. Students will write literary analysis essays on these works. Students will then put techniques learned from expert writers into practice by composing their own transrealist short story. Prerequisite: Any W1 course. Three credit hours. **NASH**

**JP297Cj**  **Art of the M&A Deal**  Executing a business acquisition may be the most high-stakes challenge any executive could face. Featuring an experienced M&A professional and other special guest speakers who have spent their careers on the frontlines of major deals, students will learn real-world insights about successful deal making, through the major stages of the process. Students will evaluate a target company and its industry, understand the due diligence process (including data and analytics), price and structure a deal, formulate a negotiating approach and analyze post acquisition considerations to create sustainable value in a transaction. Prerequisite: Economics 121. Three credit hours. **MCHALE**

**JP297Dj**  **Editing for Publication**  Students will be both author and editor as they learn first-hand how an article, essay, or review becomes a published or publishable piece. We will cover the mechanics of editing; look in detail at several style guides; discuss editing for different audiences and media; and explore the different types of editors, along with fact checkers and proofreaders. The class will emphasize the give and take between writer and editor, and the balance between the needs of the author and audience. Prerequisite: Any W1 course. Three credit hours. **SHAVELSON**

**JP297Ej**  **Advocating for the Environment**  Political advocacy is as much about personal values and strategic communications as it is about facts. With the polarization of political parties and the emergence of extreme political positions, it has become important to understand the underlying psychology and motivations of advocates and decision makers. The course will focus on power, values and perception and how political positions reflect these mental models. An overview of the Legislative process in Maine will also be presented, setting the context for advocacy work. Exercises may include stakeholder analysis, power mapping, values identification, how to use leverage points, and how to frame and develop speaking points on an issue. Students will travel to Augusta to observe Legislative Committee Hearings. Prerequisite: Any Environmental Studies course. Three credit hours. **INCHES**
JS226j  Community Organizing and Social Justice  Three credit hours.  ASCH

MU091fjs  Music Lessons: Noncredit or JP  Noncredit.  FACULTY

MU114j  Jazz Improvisation  Three credit hours.  A. THOMAS

MU116j  Acoustic/Electric Grunge/Rock Songwriting: A Composition Seminar  Three credit hours.  A. INSTRUCTOR

MU118j  African Music  Three credit hours.  A. BENISSAN

MU218j  Seeing, Then Hearing: Graphic Design for the Music Industry  Three credit hours.  A. JEE

MU223j  Perception of Music  Three credit hours.  A. HELM

MU226j  Music as Therapy: Across the Life Span  Three credit hours.  A. WITTENBERG

PL212j  Philosophical Paradoxes  Three credit hours.  COHEN

PL237j  Taking Philosophy Public  Three credit hours.  GORDON

RE242j  The Good Life  Three credit hours.  S. NELSON

SO212Jj  Introduction to GIS and Spatial Analysis  Three credit hours.  GIMOND

SP132j  Conversation and Composition in Salamanca  Three credit hours.  I. ALLBRITTON

SR492Jj  Noncredit.  FREIDENREICH, KLOPPENBERG

ST117j  Information Use and Misuse: Big Data and Artificial Intelligence  Three credit hours.  KUGELMEYER

TD261Jj  Topics in Performance: Activist Storytelling Workshop  Three credit hours.  A. WEINBLATT

TD361Jj  Advanced Topics in Performance: Presence/Past  Three credit hours.  INSTRUCTOR

WG211j  Women in Myth and Fairy Tale  Three credit hours.  L. PUKKILA