JANUARY COURSES

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 material 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 Emergency Medical Technician Training, Mindfulness, Furniture Making, Blacksmithing, Behavioral Medicine, Meteorology, and Premed Academy.

Course Offerings

AA214j  African-American Elites and Middle Classes  Three credit hours.  S, U.  GILKES

AA297j  Race and Democracy in the Nation’s Capital  Three credit hours.  H, U.  ASCH

AM117j  Fundamentals of Screenwriting  Two credit hours.  WILSON

AM214j  African-American Elites and Middle Classes  Three credit hours.  S, U.  GILKES

AM297Aj  Tracing the Asian American Experience  Three credit hours.  H, U.  SMITH

AM322Jj  Imagining Maine  Three credit hours.  SALTZ

AR131Jj  Introduction to Studio Art  Three credit hours.  A.  BOURNE

AR151j  Art of the Monotype: Methods for Painterly Printmaking  Two credit hours.  MITCHELL

AR217j  Figure Drawing and Anatomy  Three credit hours.  ENGMAN

AR297j  Digital Technologies in Museums  Two credit hours.  TIMME

AY119j  The Anthropology of Utopias  Three credit hours.  S.  HRISKOS

AY243j  Globalization, Democracy, and Political Transformation in Bolivia  Three credit hours.  S, I.  TATE

AY297Jj  Of Beasts, Pets, and Wildlife: What Animals Mean to Humans  Three credit hours.  MENAIR

BI111j  Emergency Medical Technician Training  Two credit hours.  BERKNER

BI118j  Sustainable Agriculture and Food Systems  Three credit hours.  N.  MARSHALL

BI197j  Genes, Chromosomes, and Genetic Disorders  Three credit hours.  N.  VAN OERS

BI259j  Plants of the Tropics  Three credit hours.  JOHNSON
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor(s)</th>
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<tbody>
<tr>
<td>BI265j</td>
<td>Introduction to Human Anatomy and Physiology</td>
<td>Three</td>
<td>KLEPACH</td>
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<tr>
<td>BI297Aj</td>
<td>Biological Oceanography: Microbial Denizens of the Living Ocean</td>
<td>Three</td>
<td>MARTINEZ</td>
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<td>BI297Bj</td>
<td>Extreme Climate Change in the Gulf of Maine</td>
<td>Three</td>
<td>COUNTWAY, RECORD</td>
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<td>BI371j</td>
<td>Genomics and Bioinformatics</td>
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<td>TILDEN</td>
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<tr>
<td>CH151j</td>
<td>K-8 Chemistry Outreach Activities</td>
<td>Three</td>
<td>MILLARD, MILLER</td>
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<td>CH255j</td>
<td>Nuclear Magnetic Resonance</td>
<td>Three</td>
<td>SHATTUCK</td>
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<tr>
<td>CH265j</td>
<td>Green Chemistry</td>
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<td>HUDSON</td>
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<tr>
<td>CI215j</td>
<td>The Image of Women and Men in American Film</td>
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<td>EISEN</td>
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<td>CI243j</td>
<td>Narrative Film Production</td>
<td>Three</td>
<td>MURPHY</td>
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<tr>
<td>CL143j</td>
<td>Introduction to Greek and Roman Archaeology</td>
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<td>FULTON</td>
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<td>CS267j</td>
<td>Interactive Digital Media</td>
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<td>MAXWELL</td>
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<tr>
<td>EC117j</td>
<td>Introduction to Financial Decision Making</td>
<td>Three</td>
<td>LARGAY</td>
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<tr>
<td>EC171j</td>
<td>Global Financial Markets</td>
<td>Three</td>
<td>ATKINSON</td>
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<tr>
<td>EC345fj</td>
<td>Research in Economics</td>
<td>Three</td>
<td>FACULTY</td>
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<tr>
<td>ED135j</td>
<td>Multicultural Literacy</td>
<td>Three</td>
<td>ATKINS, DIAMOND, DUPLESSIS, HOWARD</td>
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<tr>
<td>ED221j</td>
<td>Creating Media for Social Change</td>
<td>Three</td>
<td>PIERCE</td>
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<tr>
<td>ED351Jj</td>
<td>Practicum in Education</td>
<td>Three</td>
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<td>ED437j</td>
<td>Student Teaching Practicum</td>
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<td>TAPPAN</td>
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<tr>
<td>EN115Jj</td>
<td>English Composition: Writing Academic Papers</td>
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<td>MILLS</td>
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<tr>
<td>EN151Jj</td>
<td>Reading and Writing about Literature</td>
<td>Three</td>
<td>HARRIS</td>
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<td>EN238j</td>
<td>Art of Fly-Fishing: Maine and Bishop, California</td>
<td>Three</td>
<td>SUCHOFF</td>
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<td>EN297j</td>
<td>Poetry and the Nature of Being</td>
<td>Three</td>
<td>SAGASER</td>
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<td>EN413Hj</td>
<td>Author Course: Henry James</td>
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<td>STUBBS</td>
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<tr>
<td>ES141j</td>
<td>Green Building Design: Making the Case for Change</td>
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<td>BRIGHT</td>
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<td>ES143j</td>
<td>Sustainable and Socially Responsible Business</td>
<td>Three</td>
<td>PENNEY</td>
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<tr>
<td>ES151j</td>
<td>Landscapes and Meaning: An Exploration of Environmental Writing</td>
<td>Three</td>
<td>MACKENZIE</td>
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</tbody>
</table>
ES214j Introduction to GIS and Spatial Analysis Three credit hours. GIMOND

ES259j Plants of the Tropics Three credit hours. JOHNSON

ES265j Global Public Health Three credit hours. CARLSON

ES279j Geology of Bermuda Three credit hours. RUEGER

ES297Aj Biological Oceanography: Microbial Denizens of the Living Ocean Three credit hours. N. MARTINEZ

ES297Bj Extreme Climate Change in the Gulf of Maine Three credit hours. COUNTWAY, RECORD

FR127Jj French III (Paris) Three credit hours. DAVIES

GE279j Geology of Bermuda Three credit hours. RUEGER

GK111fj Introductory Greek Three credit hours. GILLUM, LESSER

GO118j Information Use and Misuse: Big Data in America Three credit hours. KUGELMEYER

GO216j Political Rhetoric Three credit hours. REISERT

GO234j Legal Writing and Legal Argument: Through and After Law School Three credit hours. HIGGINS

HI275j Strongmen and Populism in Modern Spain and Latin America Three credit hours. H, I. FALLAW

HI297j Race and Democracy in the Nation's Capital Three credit hours. H, U. ASCH

HI297Cj The Western Front in World War I Three credit hours. H. SCHECK

HI297Dj Historical Roots of the Ukrainian Conflict Three credit hours. H. MURPHY

IM492js Independent Study One to four credit hours. FACULTY

IT125Jj Italian I in Siena Three credit hours. RIZZO

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

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. 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. 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. 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. Prerequisite: Prospective students should submit a brief essay outlining their interest in the course to the instructor, Steve Murdock, at scmurdock@uninets.net. Final selection will be by personal interview. Noncredit. MURDOCK
Integrating Mindfulness into Work, Health, Play, Relationship
Mindfulness is the study and practice of paying attention to what is happening right here, right now, before judgment, and responding to the situation from the place of balance and center rather than reacting from old patterns. We will study the history and neuroscience research of mindfulness with emphasis on techniques for everyday life. With light-heartedness we will study the mind/body connection. Our study and practice comes from the work of Nancy Hathaway, founder of the Center for Studying Mindfulness, and Jon Kabat-Zinn, founder and director of the Mindfulness Program at the University of Massachusetts Medical Center. Nongraded. Previously offered as JP097 (2013).

Sheep to Shawl
The course begins with a day trip to a Maine farm dedicated to sustainable agriculture; students will learn to wash and prepare raw fleece for dyeing, felting and spinning. At Colby we will indulge in spinning, felting, knitting, crocheting, and other techniques, to transform fiber into both wearable and non-wearable designs. We will explore colors, patterns, and wool characteristics as we master the skills needed to create something extraordinary in fiber. Materials cost: $50. Nongraded.

Local Food from Production to Plate
Tour local food facilities to discover how grains are milled, cheese made, fish caught, and vegetables raised and stored. Work with a nutritionist to learn all about these foods and how they impact our diets. Enjoy hands-on cooking classes working alongside professional chefs, learning not only basic cooking skills but exploring creative preparations for these products. Nongraded.

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. Satisfies the non-lab science requirement. Previously listed as Geology 153.

Resettling Refugees and Immigrants in Portland
Explores 30 years of refugee resettlement in Portland, Maine. Students live with a refugee or immigrant family, work in a public school or health facility, and encounter issues confronting immigrants from Southeast Asia, Africa, Eastern Europe, and Latin America. Students write two short reflective essays, keep a journal, meet regularly with the instructor, and attend arranged events. Learning goals include strengthening skills of written and oral reflection, and active listening and questioning; increasing self-confidence and self-awareness; learning more about international cultures embedded in American culture; and gaining firsthand knowledge of public education and health issue demands and challenges. Cost: $100 deposit. Prerequisite: Application, by October 2. Contact Professor Thaler at Jeffrey.Thaler@maine.edu for more information or to request an application.

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. Prerequisite: Economics 133.

Stress and the Human-Environment Interaction
Explores the scientific evidence of psychological stress resulting from our interaction with the complex environment of modern Western society. Many aspects of our contemporary environment act as stressors and can lead to a wide spectrum of unhealthy stress-induced behaviors and conditions. These stressors can originate from a variety of sources ranging from the normal function of society (e.g., traffic noise, city lights) to the extremes of pollution disasters (e.g., oil spills). We will examine the epidemiological and neuroendocrine evidence of environmentally-induced psychological stress.

Entartete (Degenerate) Musik

Israeli Pop Music

Religious Diversity in the Ancient Mediterranean

Globalization, Democracy, and Political Transformation in Bolivia

Strongmen and Populism in Modern Spain and Latin America

Calculus with Pre-calculus II
MU091fjs  Music Lessons: Noncredit or JP  Noncredit.  FACULTY

MU114j  Jazz Improvisation  Three credit hours.  A.  THOMAS

MU118j  African Music  Three credit hours.  A.  BENISSAN

MU121j  Entartete (Degenerate) Musik  Three credit hours.  A, I.  SILVER

MU152j  Israeli Pop Music  Three credit hours.  A.  FREIDENREICH

MU297Jj  Music, Body, and Mind  Three credit hours.  A.  HEIDEMANN

PH253j  Electronic Measurement in the Sciences  Three credit hours.  CONOVER

PH415f, 416js  Physics and Astronomy Research  One or two credit hours.  FACULTY

PH416js  Physics and Astronomy Research  One or two credit hours.  FACULTY

PL297j  Bioethics  Three credit hours.  WATERMAN

RE121j  Catholic Church and Hollywood  Three credit hours.  H, U.  CAMPBELL

RE152j  Israeli Popular Music  Three credit hours.  A.  FREIDENREICH

RE197j  Religious Diversity in the Ancient Mediterranean  Three credit hours.  H, I.  JORGENSEN

RE275j  Contemporary Witchcraft: Formalists, Feminists, and Free Spirits  Three credit hours.  PUKKILA

RE297j  The Good Life  Three credit hours.  NELSON

RU113j  The Literature and Art of St. Petersburg  Three credit hours.  DE SHERBININ

RU125Jj  Elementary Russian I  Three credit hours.  DE SHERBININ

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

SO214j  African-American Elites and Middle Classes  Three credit hours.  S, U.  GILKES

SO361j  Special Topics in Health and Medicine: Substance Use and Abuse  Three credit hours.  ARCHIBALD

ST361j  Special Topics in Health and Medicine: Substance Use and Abuse  Three credit hours.  ARCHIBALD

TD361j  Advanced Topics in Performance: Human/Nature  Three credit hours.  KLOPPENBERG