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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA214j</td>
<td>African-American Elites and Middle Classes</td>
<td>3</td>
<td>S, U. GILKES</td>
</tr>
<tr>
<td>AA297j</td>
<td>Race and Democracy in the Nation’s Capital</td>
<td>3</td>
<td>H, U. ASCH</td>
</tr>
<tr>
<td>AM117j</td>
<td>Fundamentals of Screenwriting</td>
<td>2</td>
<td>WILSON</td>
</tr>
<tr>
<td>AM214j</td>
<td>African-American Elites and Middle Classes</td>
<td>3</td>
<td>S, U. GILKES</td>
</tr>
<tr>
<td>AM297Aj</td>
<td>Tracing the Asian American Experience</td>
<td>3</td>
<td>H, U. SMITH</td>
</tr>
<tr>
<td>AM322Jj</td>
<td>Imagining Maine</td>
<td>3</td>
<td>SALTZ</td>
</tr>
<tr>
<td>AR131Jj</td>
<td>Introduction to Studio Art</td>
<td>3</td>
<td>A. BOURNE</td>
</tr>
<tr>
<td>AR151j</td>
<td>Art of the Monotype: Methods for Painterly Printmaking</td>
<td>2</td>
<td>MITCHELL</td>
</tr>
<tr>
<td>AR217j</td>
<td>Figure Drawing and Anatomy</td>
<td>3</td>
<td>ENGMAN</td>
</tr>
<tr>
<td>AR297j</td>
<td>Digital Technologies in Museums</td>
<td>2</td>
<td>TIMME</td>
</tr>
<tr>
<td>AY119j</td>
<td>The Anthropology of Utopias</td>
<td>3</td>
<td>S. HRISKOS</td>
</tr>
<tr>
<td>AY243j</td>
<td>Globalization, Democracy, and Political Transformation in Bolivia</td>
<td>3</td>
<td>S, I. TATE</td>
</tr>
<tr>
<td>AY297Jj</td>
<td>Of Beasts, Pets, and Wildlife: What Animals Mean to Humans</td>
<td>3</td>
<td>MENAIR</td>
</tr>
<tr>
<td>BI111j</td>
<td>Emergency Medical Technician Training</td>
<td>2</td>
<td>BERKNER</td>
</tr>
<tr>
<td>BI118j</td>
<td>Sustainable Agriculture and Food Systems</td>
<td>3</td>
<td>N. MARSHALL</td>
</tr>
<tr>
<td>BI197j</td>
<td>Genes, Chromosomes, and Genetic Disorders</td>
<td>3</td>
<td>N. VAN OERS</td>
</tr>
<tr>
<td>BI259j</td>
<td>Plants of the Tropics</td>
<td>3</td>
<td>JOHNSON</td>
</tr>
</tbody>
</table>
BI265j  Introduction to Human Anatomy and Physiology  Three credit hours.  N.  KLEPACH

BI297Aj  Biological Oceanography: Microbial Denizens of the Living Ocean  Three credit hours.  N.  MARTINEZ

BI297Bj  Extreme Climate Change in the Gulf of Maine  Three credit hours.  COUNTWAY, RECORD

BI371j  Genomics and Bioinformatics  Three credit hours.  TILDEN

CH151j  K-8 Chemistry Outreach Activities  Three credit hours.  N.  MILLARD, MILLER

CH255j  Nuclear Magnetic Resonance  Three credit hours.  SHATTUCK

CH265j  Green Chemistry  Three credit hours.  HUDSON

CI215j  The Image of Women and Men in American Film  Three credit hours.  EISEN

CI243j  Narrative Film Production  Three credit hours.  MURPHY

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

CS267j  Interactive Digital Media  Three credit hours.  A.  MAXWELL

EC117j  Introduction to Financial Decision Making  Three credit hours.  LARGAY

EC171j  Global Financial Markets  Three credit hours.  ATKINSON

EC345fj  Research in Economics  Three credit hours.  FACULTY

ED135j  Multicultural Literacy  Three credit hours.  U.  ATKINS, DIAMOND, DUPLESSIS, HOWARD

ED221j  Creating Media for Social Change  Three credit hours.  PIERCE

ED351Jj  Practicum in Education  Three credit hours.  PROTO

ED437j  Student Teaching Practicum  Three credit hours.  TAPPAN

EN115Jj  English Composition: Writing Academic Papers  Three credit hours.  W1.  MILLS

EN151Jj  Reading and Writing about Literature  Three credit hours.  W1.  N.  HARRIS

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

EN297j  Poetry and the Nature of Being  Three credit hours.  L.  SAGASER

EN413Hj  Author Course: Henry James  Three credit hours.  L.  STUBBS

ES141j  Green Building Design: Making the Case for Change  Three credit hours.  BRIGHT

ES143j  Sustainable and Socially Responsible Business  Three credit hours.  PENNEY

ES151j  Landscapes and Meaning: An Exploration of Environmental Writing  Three credit hours.  L.  MACKENZIE
ES214Jj  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
JP021j 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 lightheartedness 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). Noncredit. HATHAWAY

JP024j 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 wools characteristics as we master the skills needed to create something extraordinary in fiber. Materials cost: $50. Nongraded. Noncredit. FOWLER

JP097j 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. Noncredit. KLAUS

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. Satisfies the non-lab science requirement. Previously listed as Geology 153. Three credit hours. N. EPSTEIN

JP197j 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. Noncredit. THALER

JP297Bj 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. Two credit hours. DOWNS

JP297Cj 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. Three credit hours. S. BUCGIROSSI

JS121j Entartete (Degenerate) Musik

Three credit hours. A, I. SILVER

JS152j Israeli Pop Music

Three credit hours. A. FREIDENREICH

JS197j Religious Diversity in the Ancient Mediterranean

Three credit hours. H, I. JORGENSEN

LA243j Globalization, Democracy, and Political Transformation in Bolivia

Three credit hours. S, I. TATE

LA275j Strongmen and Populism in Modern Spain and Latin America

Three credit hours. H, I. FALLAW

MA102j Calculus with Pre-calculus II

Three credit hours. Q. FULLER
MU091fjs Lessons: Noncredit (or January Program) 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