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The Green Mountain College Mission
Green Mountain College prepares students for productive, caring, and fulfilling lives by taking the environment as the unifying theme underlying its academic and co-curricular programs. This innovative interdisciplinary approach to liberal arts education is grounded in the institution’s strong tradition of effective teaching and mentoring, and is complemented by a diversity of community-oriented campus life opportunities. Through a wide range of liberal arts and career-focused majors, the College fosters the ideals of environmental responsibility, public service, global understanding, and lifelong intellectual, physical, and spiritual development.

Green Mountain College creates a full catalog every two years. In the alternate years, a catalog supplement is produced to outline any curricular and administrative changes that may occur prior to the next full catalog revision. The contents within this supplement are in effect for fall 2010 forward. All curricular changes apply to the students who are following the 2010 curriculum. Students following a previous set of academic requirements may upgrade to the 2010 catalog after careful consultation with their advisor.
1. ACADEMIC PROGRAMS

ADVENTURE EDUCATION

REC 2033 Foundations of Adventure Education has changed from 3 credits to 4 credits.

REC 2062 Outdoor Leadership Practicum has changed from 3 credits to 4 credits.

REC 2063 Adventure Group Processing and Facilitation has changed from 3 credits to 4 credits.

Adventure Education majors are exempt from the ELA Examined Life distribution beginning fall 2012

ART

ART 2021 Introduction to Painting – The prerequisite has changed from requiring both ART 1001 Drawing from the Environment and ART 1002 Drawing from the Human Form to requiring either ART 1001 Drawing from the Environment or ART 1002 Drawing from the Human Form

BIOLOGY

Students may now choose between MAT 1015 Introduction to Statistics and NRM 2020 Data Analysis & Modeling

BUSINESS

BUS 1073 Contemporary Business is now named Managing for Sustainability

BUS 1125 Marketing is now named Sustainable Marketing

BUS 2001 Financial & Managerial Accounting is now named Accounting: A Multiple-Stakeholder Approach

BUS 2045 New Venture Creation & Entrepreneurship is now named Entrepreneurship I: New Venture Creation & Entrepreneurship

BUS 3000 Junior Seminar is now named Junior Seminar: Paths to Innovation Leadership
BUS 3008 Finance is now named Sustainable Financial Management

BUS 3050 Legal & Ethical Environment of Business is now named The Ethical & Legal Environment or Organizations

BUS 4022 Business Strategy and Sustainability Capstone is now named Managing for Sustainability Capstone

BUS 4045 Launching A New Venture: Readying Your Market Entrance is now named Entrepreneurship II: Launching a New Venture – Readying Your Market Entrance

Requirements for a BS in Sustainable Business

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 1073</td>
<td>Managing for Sustainability</td>
<td>3</td>
</tr>
<tr>
<td>BUS 1125</td>
<td>Sustainable Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BUS 2001</td>
<td>Accounting: A Multiple Stakeholder Approach</td>
<td>3</td>
</tr>
<tr>
<td>BUS 3000</td>
<td>Junior Seminar: Paths to Innovation Leadership</td>
<td>3</td>
</tr>
<tr>
<td>BUS 3008</td>
<td>Sustainable Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS 3040</td>
<td>Supply Chain &amp; Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS 3050</td>
<td>The Ethical &amp; Legal Environment of Organizations</td>
<td>3</td>
</tr>
<tr>
<td>BUS 4022</td>
<td>Managing for Sustainability Capstone</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2003</td>
<td>Economics: Mainstream &amp; Alternative Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>MAT 1015</td>
<td>Introduction to Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

Credits: 30

Concentration

By fall of their junior year, students declare one of these two tracks:

1. Entrepreneurship Track
2. Self-Design Track

Credits: 15

General Electives

Total electives vary depending on total of other credits.

Credits: 39

Total credits for a B.S. in Sustainable Business: 120-121

Note: All students are required to complete 33 credits of upper-division work (3000-4000 level courses).

SUSTAINABLE BUSINESS TRACKS

Entrepreneurship Track
Self-Design Track
Students select 15 credits from among all GMC offerings related to an area of interest. Potentially these are exclusively non-“BUS” courses. The 15 credits can be the required courses of another major. The Subject Area Program Director helps the student select courses.

Approval of Content of Student Self-Design
The student self-design plan is developed by the student and the student’s business major advisor. The design integrates input from appropriate non-business faculty members. The self-design plan must be approved by the business major advisor and submitted to the Registrar’s Office before self-design content courses are taken.

COMMUNICATIONS
Communications has changed the title of the major to Communication Studies. Communications has changed the course prefixes from CMJ to COM.
CMJ 2015 Media Convergence has been deleted.
CMJ 3010 Media Leadership and Ethics has been deleted.
CMJ 4003 Media Seminar has been deleted.

Communications has made significant revisions to the major and minor for fall 2012. The new degree plan follows:

Requirements for a BA in Communication Studies
COM 1011 Introduction to Media and the Information Society 3
COM 1127 Speech Communication 3
COM 2010 Group Communication and Leadership 3
COM 2013 Writing for Media 3
COM/BUS 2025 Professional Communication 3
COM 3007 Persuasion and Ethics in Media 3
COM 4010 Media Practicum 3
COM 4013  Senior Project: Integrated Media Campaign  3
COM 4015  Internship  3

Total Core: 26 Credits

Choose two of the following courses:

BUS 1125  Sustainable Marketing  6
COM/ART 2055  Graphic Communication
COM 2011  Online and Digital Design
COM 3013  Communication Workshop
COM/BUS 2025  Professional Communication
COM 3020  Media Advocacy and Campaigns
COM 3021  Video and Media Production

Choose at least three courses from the following electives, or from the list above:

ART 2054  Advanced Graphic Design  9
ART 3051  Illustration
ART 3057  Topics in Design
ART 3061  Topics in Photography
ART 3062  Digital Photography
COM 3025  Environmental Communication
COM/EDU 3012  Environmental Interpretation and Communication
ENG 3011  Environmental Writing Workshop
ENG 3017  Writing Workshop
ENV 2011  Public Policy & the Environment
HIS 2015  Mass Culture in America

Credits: 41

General Electives
Total electives vary depending on total of other credits.

Credits: 42-43

ELA Requirements
See ELA section of this catalog for details.

Credits: 36-37

Total credits for a B.A. in Communication Studies:  120-121

Note: All students are required to complete 33 credits of upper-division work (3000-4000 level courses).
COMMUNICATIONS MINOR
Available to all bachelor degree candidates.

*Communications Core*

- COM 1011  Introduction to Media and the Information Society  
- COM 2010  Group Communication and Leadership  
- COM/BUS 2025  Professional Communication  

*Choose three of the following courses:*  
- BUS 1125  Marketing  
- COM 1127  Speech Communication  
- COM 2011  Online and Digital Design  
- COM 2013  Writing for Media  
- COM/ART 2055  Graphic Communication  
- COM 3007  Persuasion and Ethics in Media  
- COM/EDU 3012  Environmental Interpretation and Communication  
- CMJ 3013  Communication Workshop  
- COM 3021  Video and Media Production  
- CMJ 3020  Media Advocacy & Campaigns

**Total credits for a Minor in Communications:** 18

ECONOMICS
The economics minor has been revised for fall 2012. The new outline of the minor follows.

- ECO 2003  Economics: Mainstream & Alternative Perspectives  
- ECO 3001  Intermediate Microeconomics  
- ECO 3002  Intermediate Macroeconomics

*Electives (Choose three, one of which must be at the 3000 level)*  
- ECO 2023  Economics of the Environment  
- ECO 3033  International Trade  
- ECO 3023  Contemporary Political Economy  
- ECO  Economics electives at any level

**Total credits for a Minor in Economics:** 18
EDUCATION
Elementary Education has created a dual track system to be implemented fall 2012:

Though most Green Mountain College Education candidates fulfill the requirements to be eligible for teaching licensure, some candidates choose to pursue a degree in Education but not licensure. To that end, the College offers a choice of two different tracks that will allow candidates to choose the path that meets their needs:

Licensure Track: These candidates fulfill all of the course requirements of the Elementary Education degree including application to, and completion of, student teaching, the route to earning a degree in Elementary Education and a license to teach under Vermont state requirements. They must also meet all Praxis requirements for their endorsement area(s). **Candidates must declare Licensure Track prior to application to student teach, and meet GPA requirements before being placed in student teaching.** A candidate who does not meet the State of Vermont requirements for licensure may still obtain a B.S. in Elementary Education from Green Mountain College providing the candidate meets all requirements for the major except passing EDU 1200 and student teaching and makes up student teaching credits following the requirements for the Degree Track.

Degree Track: Candidates opting to take the Degree Track take the required courses for the Elementary Education degree. These students do not student teach, but instead choose 12 credits from a suite of Education courses designed to supplement their educational focus. Degree Track candidates will graduate from GMC with a B.S. in Elementary Education, **without licensing to teach.** Students will choose 12 credits of any EDU course at the 3000 or 4000 level.

ENVIRONMENTAL EDUCATION
PSY 2041 Human Development I has been removed from the minor.

EDU 2018 Developmental Psychology II has been removed from the minor.

ELA 1110 Local Flora has been removed from the minor.

ELA 2027 Conservation Psychology has been added to the list of electives in the minor.
BIO 3011 Special Topics in Biology has been added to the list of electives in the minor.

BIO 3013 Botany has been added to the list of electives in the minor.

BIO 3021 Conservation Biology has been added to the list of electives in the minor.

BIO 3025 Advanced Topics in Ecology has been added to the list of electives in the minor.

SFS 3054 Sustainable Farming Systems has been added to the list of electives in the minor.

SFS 3057 Advanced Topics in Sustainable Agriculture has been added to the list of electives in the minor.

SFS 4054 Agroecology has been added to the list of electives in the minor.

ENVIRONMENTAL LIBERAL ARTS
ELA 1127 Speech Communication is now COM 1127 Speech Communication and no longer satisfies the Human Systems Distribution category.

ENVIRONMENTAL STUDIES
Environmental Studies has made significant revisions to the major for fall 2012. The new degree plan follows:

Requirements for a BA in Environmental Studies
Environmental Studies Core:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year Retreat</td>
<td>0</td>
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<tr>
<td>BIO 2025</td>
<td>4</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>3</td>
</tr>
<tr>
<td>ENV 2011</td>
<td>3</td>
</tr>
<tr>
<td>ENV 3093</td>
<td>1</td>
</tr>
<tr>
<td>ENV 4070</td>
<td>3</td>
</tr>
<tr>
<td>ENV 4090</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose four of the following lab courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 1021</td>
<td>4</td>
</tr>
<tr>
<td>ELA 1017</td>
<td></td>
</tr>
<tr>
<td>GLG 1011</td>
<td></td>
</tr>
</tbody>
</table>

Credits: 21
**Students concentrating in the physical or earth sciences must take General Chemistry. Environmental Chemistry is strongly recommended for all other concentrations**

**Concentration**
By fall of their junior year, students declare an area of primary concentration from available minors that requires at a minimum of 18 credits, 9 of which must be of upper-division coursework.

Credits: 18-28

**ELA Requirements**
See ELA section of this catalog for details.

Credits: 36-37

**Total credits for a B.A. in Communication Studies: 120-121**
*Note: All students are required to complete 33 credits of upper-division work (3000-4000 level courses).*

**GEOLOGY**
Geology has made significant revisions to the minor for fall 2012. The new curriculum plan follows:

**Requirements**
- GLG 1011 Introduction to Geology 4
- GLG 2041 Geomorphology 4

**Electives**
Must take at least three courses – one must be at the 3000 level and two must be a lab course.

- Any course with a GLG prefix 3-4
- ENV 2010 Introduction to Geographic Information Systems 4
- NRM 2015 Natural Resources Management Field Studies 3

**Total credits for a Minor in Geology:** 19

**NATURAL RESOURCES MANAGEMENT**
**CMJ/EDU 3012** Environmental Interpretation and Communication has been added as an elective under the Social Science/Policy Distribution.

**CMJ 3025** Environmental Communications has been added as an elective under the Social Science/Policy Distribution.
**ANY** upper-division course with a BIO prefix’ has been added as an elective under the Natural Science Distribution

**PRE-LAW**
**ECO 2001** Introduction to Microeconomics has been removed as a requirement.

**ECO 2002** Introduction to Macroeconomics has been removed as a requirement.

**ECO 2003** Economics: Mainstream & Alternative Perspectives has been added as a requirement.

**RELIGION**
**REL 2009** Stories of the Spirit is now cross-listed with ELA 2069.

**RENEWABLE ENERGY & ECOLOGICAL DESIGN CERTIFICATE**
**ELA 1135** The Nature of Design has been removed from the certificate.

**RED 1000** Ecological Design Studio I has been added as a required course to the certificate.

**ART 1015** Foundations in Studio Art has been added to the list of electives.

**ELA 2024** Introduction to Systems Thinking has been added to the list of electives.

**RED 2100** Physical Sciences for Energy & Design has been added to the list of electives.

**RED 4000** Topics in Design and Fabrication has been added to the list of electives.

**RESORT & HOSPITALITY MANAGEMENT**
**REC 3175** Ecotourism is no longer required for the major.
SUSTAINABLE AGRICULTURE
SFS 3040 Composting & Organic Waste Management is now an elective within the Sustainable Agriculture major.

SFS 3070 Integrated Production Systems is now cross-listed and can be run as SFS 2075.

YOUTH DEVELOPMENT AND CAMP MANAGEMENT
EDU 1000 Introduction to Environmental Education is required for the major starting fall 2012

NEW MINOR – ENVIRONMENTAL POLICY
ENV 2011 Public Policy & the Environment* 3  
ENV 3011 Environmental Law 3  

Choose one of the following courses: 3  
PHI 3007 Topics in Social and Political Philosophy  
PHI 3045 Environmental Philosophy  
PHI 4011 Philosophy of Law  

Environmental Policy Electives 9  
Choose 9 credits; at least 6 of the 9 credits must be upper level:  
ENV 3XXX Any 3000-level ENV Course  
ENV/ELA 2023 Environmental Justice  
ENV/ELA 2045 International Negotiation & the Environment  
HIS 3023 America Since 1960  
BUS 3050 Legal & Ethical Environment of Business  
BUS 3060 Transformational Leadership  
NRM 4030 Environmental Conflict Management  

Total credits for a minor in Environmental Policy: 18  
*If ENV 2011 is required for your major, then you must take an additional course from the policy elective list

NEW MINOR – ENTREPRENEURSHIP
BUS 1073 Managing for Sustainability 3  
BUS 1125 Sustainable Marketing 3  
BUS 2001 Accounting: A Multiple Stakeholder Approach 3  
BUS 3040 Supply Chain & Operations Management 3  
BUS 2045 Entrepreneurship I: New Venture Creation & Entrepreneurship 3
BUS 4045  Entrepreneurship II: Launching a New Venture – Readying Your Market Entrance

Total for a Minor in Entrepreneurship: 18

NEW MINOR – MANAGING FOR SUSTAINABILITY
The Managing for Sustainability Minor is designed to provide students who have majors outside the sustainable business program with a background in fundamentals of sustainable business and non-profit organization management. The minor is open to all Green Mountain College students other than those in the sustainable business degree program.

BUS 1073  Managing for Sustainability 3
BUS 1125  Sustainable Marketing 3
BUS 2001  Accounting: A Multiple Stakeholder Approach 3
BUS 3040  Supply Chain & Operations Management 3
BUS/ECO  Elective at any level 3
BUS/ECO  Elective at the 3000 level or above 3

Total for a Minor in Managing for Sustainability: 18

NEW MINOR – NATURAL RESOURCES MANAGEMENT
Students choosing to minor in natural resources management will take four core courses and then select from a range of 2000, 3000, and 4000-level course to round out their curricular experience. The intent of the minor is to develop basic competencies in a range of natural resource management related fields including GIS, Public Policy, Forest Measurements, in addition to upper-level coursework in both the natural sciences and the social/policy sciences. Ultimately this minor will allow students to pair an interest in natural resources management with any other major at GMC.

Requirements
NRM 1001  Introduction to Natural Resources Management 3
BIO 2025  Ecology 4
ENV 2010  Introduction to Geographic Information Systems 4
ENV 2011  Public Policy & the Environment 3

Choose one of the following: 3
NRM 2015  Natural Resources Field Experience
NRM 2020  Data Analysis & Modeling

Electives
Must take 9 credits of electives from the distribution lists in the Natural
Resources Management major, with at least three credits being from each concentration.

**Total credits for a minor in Natural Resources Management:** 26

**NEW MINOR – YOUTH DEVELOPMENT & CAMP MANAGEMENT**

- REC 2026  Program Planning & Leadership 4
- REC 2041  Camp counseling & Youth Leadership 4
- REC 4010  Management of Outdoor & Adventure Programs 3
- REC 4014  Camp & Youth Program Management 1
- REC 4035  Master Planning 3

*Choose one course:*
- REC 1002  Essential of Scuba I 3
- REC 1003  Essentials of Scuba II 3
- REC 1005  Essentials of Scuba III 3
- REC 3000  Essentials of Scuba IV 3
- REC 3002  Essentials of Mountain Biking 3
- REC 3006  Essentials of Rock & Ice 3
- REC 3007  Essentials of Winter Mountain Travel 3
- REC 3008  Essentials of Paddling 3
- REC 3009  Essentials of Challenge Course Technology 3
- REC 3012  Essentials of Scuba V 3

**NEW MAJOR – RENEWABLE ENERGY & ECOLOGICAL DESIGN**

The B.A. in Renewable Energy & Ecological Design is a unique, innovative program that integrates the study of energy and design in conjunction with the College’s award winning Environmental Liberal Arts experience. Students in this major learn about and apply ecological design strategies using both mind and hands, and develop a comprehensive understanding of energy use and the pathways to a clean energy future. The program’s interdisciplinary curriculum provides a high degree of flexibility, allowing students to develop a concentration in their area of interest.

Skills-focused classes in the well-equipped fabrication facility, design exploration in the dedicated studio, engaging internships, numerous field trips, and participation in real-world hands-on community projects are critical components of this major. As a graduate of the program, students are equipped to employ ecological design strategies, analyze renewable energy
opportunities, and the skills to realize appropriate and meaningful solutions. Potential career paths included product design, residential design/build, small-scale renewable energy, utility-scale renewable energy, energy policy, as well as further study in related areas.

**Learning Goals**

- Students will recognize the social and environmental challenges of current domestic and global energy systems, and the solutions and regulatory reforms needed to create a sustainable energy future.
- Students will be equipped to apply ecological design principles to the built environment, through both conceptual exercises and applied hands-on projects.
- Students will be able to analyze sustainable design and energy challenges within a broad interdisciplinary context, and will be prepared for further study and careers in renewable energy and sustainable design.

**Core**

RED 1000  Ecological Design Studio I 3
ELA 1123  Energy & Society 3

*Choose three credits:*

RED 1085  REED Skills Intensives
RED 1100  External Practicum

RED 2100  Physical Sciences for Energy & Design 3
RED 2190  Mandatory Portfolio Review Spring Sophomore Year 0
RED 3000  Ecological Design Studio II 3
RED 3120  Renewable Energy Technology & Applications 3
RED 3125  Design with Climate 3
RED 4090  Internship in REED 3

**Core Total:** 24

**Self Design Concentration Electives**

**Concentration Total:** 18

**TOTAL:** 42
2. NEW COURSE DESCRIPTIONS

Seminar in Teaching for Studio Arts

**ART 3072**

In order to prepare for the business of teaching classroom art, the prospective teacher will examine humanities and liberal arts as they relate to curricular design that guides the student artist’s development into a teaching artist. Students will explore concepts using a seminar format to define the goals and responsibilities of “student as teacher.” Concepts and exercises will be team-driven and focused toward increased awareness of the differences between successful strategies specific to instruction of students of varying age levels. Prerequisites: Completion of Third-Semester Portfolio Review, ART 1015 Foundations in Studio Art, EDU 1062 Teacher as Decision Maker, and EDU 2000 Early Field Experience or permission of instructor.

1 credit

Economics: Mainstream & Alternative Perspectives

**ECO 2003**

This course reviews and reinforces competencies gained from prior education courses while focusing on synthesizing all relevant skills and knowledge into a coherent and workable practice. The goal is to develop a conscience of craft and to prepare people to student teach in the following semester at the prek-6 level. This is a demanding, hands-on course conducted seminar style. While the approach is cross-disciplinary, there are discipline-specific components. Elementary Art Methods covers Pre K-6 teaching contexts only. This course requires students to know and apply Vermont’s Grade Expectations and/or The Common Core Standards. Prerequisites: EDU 1062 Teacher as Decision-Maker, EDU 2000 Early Field Experience, EDU 2031 Secondary Methods I, or permission of the instructor.

3 credits

Secondary Art Methods

**EDU 4073**

This course reviews and reinforces competencies gained from prior education courses while focusing on synthesizing all relevant skills and knowledge into a coherent and workable practice. The goal is to develop a conscience of craft and to prepare people to student teach in the following semester at the 7-12 level. This is a demanding, hands-on course conducted seminar style. While the approach is cross-disciplinary, there are discipline-specific components. Secondary Art Methods covers 7-12 teaching contexts only. This course requires students to know and apply Vermont’s Grade Expectations and/or The Common Core Standards. Prerequisites: EDU 1062 Teacher as Decision-Maker, EDU 2000 Early Field Experience, EDU 2031 Secondary Methods I, or permission of the instructor.

3 credits
Dimensions of Music

This course will search out the fundamental questions about the nature of music and our experience of it. Interestingly, many of the philosophers discussed in GMC’s ELA course, Dimensions of Nature, also wrote extensively on music. Indeed, more than the other arts, music perhaps presents the most philosophical questions. Words on music from philosophers and composers from Antiquity to the present will be read.

3 credits

Practicum in Sustainable Agriculture

This course is an opportunity for students to participate the technical aspects of agricultural production, including fieldwork, planning, and/or analysis. Students will be required to complete 90 hours of work and consultation with a qualified agricultural practitioner as well as complete background readings and written assignments. Prerequisites: Permission of instructor.

1-3 credits

Telemark Skiing

This activity based course focuses on developing the skills associated with telemark skiing including technique, terrain assessment, equipment troubleshooting and basic winter survival. Students will have the opportunity to enjoy both resort and backcountry environments and their associated risks.

1 credit