

5

**Request for Calendar Change Form**

Date: December 21, 2012

Title for Reference: IS Inquiry Changes

Dean: Dr. *Herman vanden Berg*  
Faculty: Orillia Campus  
Department: Interdisciplinary Studies  
Contact Person: Dr. Sree Kurissery

Is the proposed calendar change **Undergraduate** or Graduate? Under graduate

Instructions:

1. In all cases please complete and attach section 1 and 2.
2. If the calendar change affects other department/schools/faculties complete and attached section 3
3. If the answer to any of the questions below is yes, explain. Attach separate sheets with reference to the question.

**SECTION 1**

Do the proposed changes affect other departments/schools//faculties in terms of their calendar change? YES NO x

Is a transition plan needed for students in progress? YES NO x

Are the proposed changes likely to affect student enrollment in your department/school/faculty? YES NO x

Are the proposed changes likely to affect student enrollment in other departments/schools/faculties at Lakehead University? YES NO x

Will the proposed changes require additional teaching space and/or teaching staff and/or equipment and/or other resources? YES NO x

Will the proposed changes affect existing teaching loads within your department/school/faculty? YES NO x

Will the proposed changes increase demand for teaching support services such as library, computing services and technical staff? YES NO x

Will the proposed change require direct or in-kind support from outside the academic unit? YES NO x

Do the proposed changes include changes in a course(s) which is/are required core course(s) for a major? YES x NO

Do the proposed changes include changes in a course(s) which is a service/required course(s) in another program? YES NO x

Do the proposed changes include changes in a course(s) which is/are open elective available to any student in any program? YES NO x

Do the proposed changes include changes in course(s) which is/are elective in a major i.e. restricted to students in a major? YES NO x

## SECTION 2

Description of proposed Calendar Change:

1. Revise wording for Interdisciplinary Studies 1010: Foundations of Inquiry
2. Add requirement of .5 FCE of methods courses at second year
3. a. Delete Interdisciplinary Studies (formerly Inquiry) 1030: Applications of Inquiry; b. add third year Interdisciplinary Studies 30xx: Applications of Inquiry and c. revise Regulation accordingly.
4. Change designation, title, and description for Interdisciplinary Studies 1033: Environmental Choices
5. Revise wording and prerequisites for Interdisciplinary Studies 4010: Honours Seminar
6. a. Add option of 1 FCE of Honours Thesis and b. change Regulation accordingly.

Rationale of Proposed Calendar Change(s):  
(Corresponding to Section 1 and Section 3 where required)

1. Since INTD 1010: Foundations of Inquiry is required of all students in Interdisciplinary Studies, it ought to be focused on interdisciplinary rather than disciplinary strategies. The description also needs to highlight active engagement and the process of inquiry more fully than it currently does. Note that it may now be offered in either fall or winter term. The revised course description is in line with current practice and will not affect course offerings or budget requirements.
2. In order to prepare students for success in upper level Inquiry courses, all students in the Honours and non-Honours Bachelor of Arts and Science should be exposed to methods or theoretical approaches courses in second year. Students in both the HBASc and the BASc programs will be required to take at least .5 FCE of methods. This requirement will ensure comprehension of academic research methods from at least one discipline, demonstrating application of methods to particular cases, and enabling methodical analysis of relevant data. Although students may take any of the specified courses, students

would be advised to select one that aligns with one of their own area(s) of specialization, especially since some of the specified courses have as their prerequisite a first year course in the discipline.

The following suggested alignment of methods courses to specializations will not appear in the calendar but shows that even specializations lacking a designated methods course would still have something relevant to take.

Anthropology: ANTH 2517: Introducing Ethnography (.5 FCE)

Biology: BIOL 2910: Laboratory Biology (.5 FCE), or ENSU 2033: Inquiry into Environmental Methods (.5 FCE)

Criminology: PSYC 2101: Statistical Methods for Behavioural Research (1 FCE)

English: ENGL 2903: Introduction to Literary Theory and Criticism (1 FCE)

General Science: MATH 2310: Elementary Probability and Statistics (.5 FCE)

Geography: GEOG 2251: Geographical Inquiry and Interpretation (.5 FCE), or GEOG 2271: Quantitative Methods in Geography (.5 FCE)

History: SOCI 2911: Social Research Traditions (.5 FCE), or PHIL 2413: Critical Thinking (.5 FCE), or POLI 2555: Approaches to Public Policy (.5 FCE)

Media Studies: MDST 2230: Media Studies Research Methods (.5 FCE)

Philosophy: PHIL 2413: Critical Thinking (.5 FCE)

Political Science: POLI 2555: Approaches to Public Policy (.5 FCE)

Psychology: PSYC 2101: Statistical Methods for Behavioural Research (1 FCE)

Sociology: SOCI 2911: Social Research Traditions (.5 FCE)

There will be no budgetary implications for this requirement since methods courses are already being offered as part of rotating options for second year specialization offerings.

3. Offering Inquiry courses at only the first and fourth year levels has left a gap in second and third year, leaving students unsure about the connections between first and fourth year Inquiry courses. We propose moving the second half course of Inquiry currently taken by students in first year, "Applications of Inquiry," to third year, when students will be better equipped to apply investigative methods and problem-solving skills. The goal of Applications of Inquiry is to provide practice in the inquiry process within a monitored collaborative learning environment. By moving this course to third year, after exposure to research methods and background knowledge in various disciplinary courses, we are enabling students to succeed more effectively than in first year when they do not have the vocabulary to comprehend and evaluate advanced scholarship on many topics. This course will be identified as a "special topics" course, so that the topic will appear in the course time table for students to select. Students would be expected to have completed at least one term of a methods course prior to taking Interdisciplinary Studies (INTD) 30xx: Applications of Inquiry. For students who are not in the Honours program, this will be the culminating Inquiry course. For Honours students, this course will help clarify the process of research that they are expected to follow in their fourth year individual inquiry projects.

There will be no budgetary implications for this move since students will simply be taking this required course at a later stage in the program

4. Changing the first year Inquiry requirement to .5 FCE rather than 1 FCE means that Inquiry 1033: Inquiry into Environmental Choices would no longer satisfy

First year Inquiry requirements. INQU 1033 is required as an Introduction to Environmental Sustainability and therefore should be changed to an Environmental Sustainability course instead. The third year Inquiry requirement will be satisfied for Environmental Sustainability students by taking ENSU 3053, which is already an applied Inquiry course. There will be no budgetary implications since the changes are only to nomenclature.

5. Prerequisites for fourth year Inquiry need to reflect the other changes being made above. Students should take the second year methods and the third year applications courses prior to fourth year Inquiry to ensure that students are adequately prepared to design and complete the fourth year research project. Since the program is focused on interdisciplinary studies, the project will be interdisciplinary in nature. There are no budgetary implications with this change.

6. All students in the Honours Bachelor of Arts and Science programs at the Orillia Campus are required to complete 1 FCE of fourth year Inquiry, which is designed to be the culminating experience in the program. Students must take Inquiry 4010 and Inquiry 4030 for the Interdisciplinary Studies major and the three disciplinary majors (Anthropology, English, and Geography). Majors in Environmental Sustainability, Media Studies, and Criminology are required to take variations on Inquiry 4030 that are more focused on topics in these fields. High achieving students in any of the HBASc programs, who may be interested in the pursuit of graduate studies, would benefit from a more independent research study, to be completed under the supervision of a faculty member with expertise in the field. In rare circumstances, a student may be given permission to substitute a disciplinary thesis course instead of an interdisciplinary one to satisfy the fourth year Inquiry requirement, provided that all prerequisites are met and that a qualified supervisor agrees to the project. There are no budgetary implications since faculty supervision will be voluntary and will not be part of teaching load. Due to the high average restrictions, very few students will select this option.

**SECTION 3** Enter the existing Calendar Entries and the Proposed Calendar/Addition/Deletion

1. Existing Calendar Entries (Page reference based on hard copy or URL based on electronic version of calendar)

Current Entry at

<http://mycoursecalendar.lakeheadu.ca/pg161.html>

**Inquiry 1010: Foundations of Inquiry**

**Credit Weight:**

0.5

**Description:** Students will study the strategies used in various disciplines of science, social science, arts, and humanities to identify and analyze problems. Exploring selected topics from diverse disciplinary perspectives, they will formulate questions, gather and interpret evidence, and reach well-considered conclusions.

**Offering:**

3-0; 0-0

1. Proposed Calendar Entries/Addition/Deletion If only addition, specify page number and placement in university calendar. If only deletion, write deleted.

**Proposed Entry:**

**Interdisciplinary Studies (INTD) 1010: Foundations of Inquiry**

**Credit Weight:**

0.5

**Description:** Students will engage interdisciplinary strategies to identify and analyze problems. Exploring selected topics from diverse perspectives, they will participate in the process of inquiry, formulating questions, gathering and interpreting evidence, and reaching well-considered conclusions.

**Offering:**

3-0; or 3-0

2. Proposed Calendar Entries/Addition/Deletion If only addition, specify page number and placement in university calendar. If only deletion, write deleted.

**New Proposed Entry after #7 at <http://mycoursecalendar.lakeheadu.ca/pg618.html>**

8. All students in Interdisciplinary Studies must complete at least .5 FCE of methodological courses from the following list (usually as part of specialization, but could be electives). ANTH 2517, BIOL 2910, ENGL 2903, ENSU 2033, GEOG 2251, GEOG 2271, MATH 2310, MDST 2230, PHIL 2413, POLI 2555, PSYC 2101, SOCI 2911.

3a. Existing Calendar Entries (Page reference based on hard copy or URL based on electronic version of calendar)

Current Entry at <http://mycoursecalendar.lakeheadu.ca/pg161.html>

**Inquiry 1030: Applications of Inquiry**

**Credit Weight:**

0.5

**Prerequisite(s):** Inquiry 1010

**Description:** Building upon Inquiry 1010, students will apply multidisciplinary strategies to address, in a collaborative setting, complex problems in selected areas of science, social science, arts, and humanities.

**Offering:**

0-0; 3-0

3a. Proposed Calendar Entries/Addition/Deletion If only addition, specify page number and placement in university calendar. If only deletion, write deleted.

Deleted.

3b. Proposed Calendar Entries/Addition/Deletion If only addition, specify page number and placement in university calendar. If only deletion, write deleted.

Proposed Entry at <http://mycoursecalendar.lakeheadu.ca/pg161.html> before Inquiry (now INTD) 4010.

**Interdisciplinary Studies (INTD) 30xx: Applications of Inquiry (ST)**

**Credit Weight:**

0.5

**Prerequisite(s):** Interdisciplinary Studies 1010 and at least .5 FCE of the following methods courses: ANTH 2517, BIOL 2910, ENGL 2903, ENSU 2033, GEOG 2251, GEOG 2271, MATH 2310, MDST 2230, PHIL 2413, POLI 2555, PSYC 2101, SOCI 2911; or permission of the Interdisciplinary Studies department.

**Description:** Building upon INTD 1010: Foundations of Inquiry, students will address, in a collaborative setting, complex interdisciplinary problems. The topic will vary according to the instructor.

**Offering:**

3-0; or 3-0

3c. Existing Calendar Entries (Page reference based on hard copy or URL based on electronic version of calendar)

Current Entry at <http://mycoursecalendar.lakeheadu.ca/pg618.html>

7. All students in the Department of Interdisciplinary Studies programs at the Orillia campus will satisfactorily complete a required 1 FCE in first year Inquiry.

3c. Proposed Calendar Entries/Addition/Deletion If only addition, specify page number and placement in university calendar. If only deletion, write deleted.

**Proposed Entry:**

7. All students in the Department of Interdisciplinary Studies programs at the Orillia campus will satisfactorily complete Interdisciplinary Studies 1010 and 30xx (except for Environmental Sustainability majors, who will take Environmental Sustainability 3053 instead of INTD 30xx).

4. Existing Calendar Entries (Page reference based on hard copy or URL based on electronic version of calendar)

Current Entry at <http://mycoursecalendar.lakeheadu.ca/pg161.html>

**Inquiry 1033: Inquiry into Environmental Choices**

**Credit Weight:**

0.5

**Prerequisite(s):** Inquiry 1010

**Description:** Building upon Inquiry 1010, students will apply multidisciplinary strategies to address, in a collaborative setting, complex problems with respect to environmental choices, such as pollution, waste management, and energy efficiency. Special consideration will be given to Aboriginal cultural and ethical perspectives with respect to the land.

**Offering:**

0-0; 3-0

4. Proposed Calendar Entries/Addition/Deletion If only addition, specify page number and placement in university calendar. If only deletion, write deleted.

Proposed Entry at <http://mycoursecalendar.lakeheadu.ca/pg770.html>

**Environmental Sustainability 1033: Introduction to Environmental Sustainability**

**Credit Weight:**

0.5

**Prerequisite(s):** none

**Description:** An introduction to Environmental Sustainability. Students will apply interdisciplinary strategies to address, in a collaborative setting, complex problems with respect to environmental issues, such as pollution, waste management, and energy efficiency. Special consideration will be given to Aboriginal cultural and ethical perspectives with respect to the land.

**Offering:**

3-0; or 3-0

5. Existing Calendar Entries (Page reference based on hard copy or URL based on electronic version of calendar)

Current Entry at <http://mycoursecalendar.lakeheadu.ca/pg161.html>

Inquiry 4010: Honours Seminar

**Credit Weight:**

0.5

**Prerequisite:** Inquiry 1010 and 1030

**Description:** Students will engage research strategies used in various disciplines of the arts and sciences to explore complex topics. A proposal for a focused multi-and/or interdisciplinary research project will be developed that will be carried out in Inquiry 4030 - Honours Research.

**Offering:**

3-0; 0-0

**Notes:** Restricted to fourth-year HBASc students with a B average.

5. Proposed Calendar Entries/Addition/Deletion If only addition, specify page number and placement in university calendar. If only deletion, write deleted.

**Proposed Entry:**

Interdisciplinary Studies 4010: Honours Seminar

**Credit Weight:**

0.5

**Prerequisite:** Interdisciplinary Studies 30xx or Environmental Sustainability 3053 or permission of the Interdisciplinary Studies department.

**Description:** Students will employ research strategies used in various disciplines of the arts and sciences to explore complex topics. A proposal for a focused interdisciplinary research project will be developed.

**Offering:**

3-0; 0-0

**Notes:** Restricted to HBASc students.



6a. Proposed Calendar Entries/Addition/Deletion If only addition, specify page number and placement in university calendar. If only deletion, write deleted.

Proposed Entry at <http://mycoursecalendar.lakeheadu.ca/pg161.html> after INTD (formerly Inquiry) 4260: Honours Research Creation Project

Interdisciplinary Studies 40xx: Honours Thesis

Credit Weight:

1.0

**Prerequisite:** Interdisciplinary Studies 30xx or Environmental Sustainability 3053 or permission of the Interdisciplinary Studies department.

**Description:** Each student will design and complete an advanced independent research-based thesis under the supervision of a faculty member with expertise in the field. The thesis topic must be approved by the supervisor no later than the second week of September. A written thesis and presentation will be required.

**Offering:**

3-0; 3-0

**Notes:** Normally restricted to fourth year HBASc students with an 80% overall average or 80% average in most recent 5 FCEs at 2<sup>nd</sup> year level or above. It is the responsibility of the student to find a relevant supervisor who is available and willing to take on the supervision.

6b. Existing Calendar Entries (Page reference based on hard copy or URL based on electronic version of calendar)

Current Entry at <http://mycoursecalendar.lakeheadu.ca/pg618.html>

8. All students in the HBASc will satisfactorily complete a required 1 FCE course in fourth year Inquiry. Note: Inquiry 4010/4030 is restricted to students in the HBASc or HBASc/BEEd programs

6b. Proposed Calendar Entries/Addition/Deletion If only addition, specify page number and placement in university calendar. If only deletion, write deleted.

Proposed Regulation at <http://mycoursecalendar.lakeheadu.ca/pg618.html> after newly inserted #8.

9. All HBASc students will satisfactorily complete a required 1 FCE course in fourth year Inquiry (INTD 4010 and 4030, or INTD 4010 and 4032, or INTD 4010 and 4033, or INTD 4220, or INTD 4240, or INTD 4260, or INTD 40xx). In compelling cases, students may be given permission to substitute 1 FCE of a disciplinary honours thesis for INQU 40xx, provided all requirements are met for that discipline and provided that a qualified supervisor agrees to supervise the project.

**SECTION 4 Signatures**

Date approved by Department: December 20, 2012

Date approved by Faculty Council: Not applicable

**The Faculty(ies) affected by the proposed calendar change**

No faculties will be affected by the proposed calendar changes since they only affect Orillia programming.

**Permission to specify disciplinary methods courses as part of IS programs is granted as follows:**

ANTH 2517: Chair of Anthropology   
Dean of Science and Environmental Studies \_\_\_\_\_

BIOL 2910: Chair of Biology  D. Law 2013-01-08  
Dean of Science and Environmental Studies \_\_\_\_\_

ENGL 2903: Chair of English \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

GEOG 2251: Chair of Geography \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

GEOG 2251: Chair of Geography \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

MATH 2310: Chair of Math \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

PHIL 2413: Chair of Philosophy \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

POLI 2555: Chair of Political Science \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

PSYC 2101: Chair of Psychology   
Dean of Health and Behavioral Sciences \_\_\_\_\_

SOCI 2911: Chair of Sociology \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

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ANTH 2517: Chair of Anthropology \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

BIOL 2910: Chair of Biology \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

ENGL 2903: Chair of English \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

GEOG 2251: Chair of Geography \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

GEOG 2251: Chair of Geography \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

MATH 2310: Chair of Math \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

PHIL 2413: Chair of Philosophy \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

POLI 2555: Chair of Political Science \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

PSYC 2101: Chair of Psychology \_\_\_\_\_  
Dean of Health and Behavioral Sciences \_\_\_\_\_

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Dean of Social Sciences and Humanities \_\_\_\_\_

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Dean of Science and Environmental Studies \_\_\_\_\_

BIOL 2910: Chair of Biology \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

ENGL 2903: Chair of English \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

GEOG 2251: Chair of Geography Zoe Rodall Jan 8, 2013  
Dean of Science and Environmental Studies \_\_\_\_\_

GEOG 2251: Chair of Geography Zoe Rodall Jan 8, 2013  
Dean of Science and Environmental Studies \_\_\_\_\_

MATH 2310: Chair of Math \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

PHIL 2413: Chair of Philosophy \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

POLI 2555: Chair of Political Science \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

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Dean of Health and Behavioral Sciences \_\_\_\_\_

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Dean of Social Sciences and Humanities \_\_\_\_\_

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*Small Dean  
of Humanities*

**Permission to specify disciplinary methods courses as part of IS programs is granted as follows:**

ANTH 2517: Chair of Anthropology \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

BIOL 2910: Chair of Biology \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

ENGL 2903: Chair of English \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

GEOG 2251: Chair of Geography \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

GEOG 2251: Chair of Geography \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

MATH 2310: Chair of Math *DeCay (A. Van Ture)* Jan 8, 2013  
Dean of Science and Environmental Studies \_\_\_\_\_

PHIL 2413: Chair of Philosophy \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

POLI 2555: Chair of Political Science \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

PSYC 2101: Chair of Psychology \_\_\_\_\_  
Dean of Health and Behavioral Sciences \_\_\_\_\_

SOCI 2911: Chair of Sociology \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

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Dean of Science and Environmental Studies \_\_\_\_\_

BIOL 2910: Chair of Biology \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

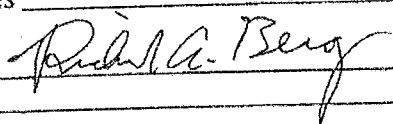
ENGL 2903: Chair of English \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

GEOG 2251: Chair of Geography \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

GEOG 2251: Chair of Geography \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

MATH 2310: Chair of Math \_\_\_\_\_  
Dean of Science and Environmental Studies \_\_\_\_\_

PHIL 2413: Chair of Philosophy \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_



POLI 2555: Chair of Political Science \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_

PSYC 2101: Chair of Psychology \_\_\_\_\_  
Dean of Health and Behavioral Sciences \_\_\_\_\_

SOCI 2911: Chair of Sociology \_\_\_\_\_  
Dean of Social Sciences and Humanities \_\_\_\_\_



Susan Viitala <sviitala@lakeheadu.ca>

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## Calendar Change Forms for Orillia

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**Sharon-Dale Stone** <sdstone@lakeheadu.ca>  
To: Susan Viitala <sviitala@lakeheadu.ca>

Tue, Feb 5, 2013 at 11:17 AM

Hi,

This is to confirm that I approve of the calendar changes. I will send you a hard copy with my signature tomorrow.

Sharon  
[Quoted text hidden]

A handwritten signature in black ink, appearing to read "Sharon Dale Stone". The signature is written in a cursive, flowing style.

I have been consulted regarding this calendar change and understand the academic and budgetary implication on my Department/Program/School/Faculty

Chair Approval:

Name: Dr. Sree Kurissery

I agree to this calendar change proposal

Signature [Signature]

YES

NO

Dean Approval:

Name: Dr. Herman van den Berg

I agree to this calendar change proposal

Signature [Signature]

YES

NO

[Signature]

Dr. Andrew P. Dean

Dean, Science & Environmental Studies

Jan. 29, 2013