



UNIVERSITY of WASHINGTON

Michael K. Young
President

January 29, 2014

Dean Robert C. Stacey
College of Arts and Sciences
Box 353765

Dean Lisa J. Graumlich
College of the Environment
Box 355679

Dear Bob and Lisa:

Based on the recommendation of its Subcommittee on Admissions and Programs, the Faculty Council on Academic Standards has recommended approval of a minor in Arctic Studies. A copy of the approval is attached.

I am writing to inform you that the Henry M. Jackson School of International Studies and the School of Oceanography are authorized to specify these requirements beginning autumn quarter 2013.

The new requirements should be incorporated in printed statements and in individual department websites as soon as possible. The *General Catalog* website will be updated accordingly by the Registrar's Office.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Michael K. Young".

Michael K. Young
President

Enclosure

cc: Ms. Nadine Fabbi (with enclosure)
Dr. Vince Gallucci (with enclosure)
Mr. Robert Corbett (with enclosure)
Ms. Virjean Edwards (with enclosure)



UNIVERSITY OF WASHINGTON

CREATING AND CHANGING UNDERGRADUATE ACADEMIC PROGRAMS

After college/school/campus review, send a signed original and 1 copy to the Curriculum Office/FCAS, Box 355850.

For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>

SEP 24 2013

OFFICE USE ONLY

Control #

ARCTIC-20130510

College/Campus College of Arts & Sciences
and College of the Environment

Department/Unit Canadian Studies
Center, Henry M. Jackson School of International
Studies & School of Oceanography, College of the
Environment - *FXC only*

Date 10 May
2013

New Programs

- ☐ Leading to a Bachelor of ___ in ___ degree.
☐ Leading to a Bachelor of ___ degree with a major in ____
☐ Leading to a ___ Option within the existing major in ____

X Leading to a minor in Arctic Studies

Changes to Existing Programs

- ☐ New Admission Requirements for the Major in ___ within the Bachelor of ____
☐ Revised Admission Requirements for the Major in ___ within the Bachelor of ____
☐ Revised Program Requirements for the Major in ___ within the Bachelor of ____
☐ Revised Requirements for the Option in ___ within the major in ____
☐ Revised Requirements for the Minor in ____

Other Changes

- ☐ Change name of program from ___ to ____
☐ New or Revised Continuation Policy for ____
☐ Eliminate program in ____

Proposed Effective Date: **Quarter:** **X** Autumn ☐ Winter ☐ Spring ☐ Summer **Year:** 2013

Contact Person: Nadine C. Fabbi

Phone: 3-6269

Email: nfabbi@uw.edu

Box: 353650

EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE

For new program, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (*Use additional pages if necessary*).

See attached.

OTHER DEPARTMENTS AFFECTED

List all departments/units/ or co-accredited programs affected by your new program or changes to your existing program and acquire the signature of the chair/director of each department/unit listed. Attach additional page(s) if necessary. *See online instructions.

Department/Unit:
Jackson School of International
Studies

Chair/Program Director

Date

The Arctic Studies minor is designed to familiarize students with the major science and policy issues in the Arctic region.

Minor Requirements: 28 credits as follows:

1. Introductory Courses (9 credits with a minimum cumulative GPA of 2.0): ARCTIC 200; OCEAN 235; ARCTIC 401.
2. Integrative Capstone Experience (3 credits): ARCTIC 400.
3. Electives (to total 16 credits): Selected from a list of approved courses available on the Arctic Minor website.* A minimum of two courses must be taken from each of the two content areas: A: Natural Sciences; and, B: Social Sciences. At least one of the electives must have a **North Star** designation indicating significant Arctic content.
4. No more than 15 credits counted in the minor may also be counted toward requirements of a major.
5. Minimum of 15 credits of 300/400 level courses.
6. Minimum of 15 credits completed in residence at the UW Seattle campus.
7. Minimum 2.00 cumulative GPA required in courses applied to the minor.

* The most up-to-date list of approved courses will always be listed at: ~~http://depts.washington.edu/~~

*www.jis.washington.edu/
arctic/minor/*

APPROVALS

Chair/Program Director:	<i>[Signature]</i>	Date:	<i>5/18/13</i>
College/School/Campus Curriculum Committee:	<i>[Signature]</i>	Date:	<i>9/17/13</i>
Dean/Vice Chancellor:	<i>Wes Gramm</i>	Date:	<i>9/17/2013</i>
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:	<i>Pat A. Kramer</i>	Date:	<i>10/11/2013</i>
POST TRI-CAMPUS APPROVAL (when needed)			
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:	<i>Pat A. Kramer</i>	Date:	<i>10/22/2013</i>

Department/Unit: School of Oceanography	Chair/Program Director 	Date: 5/13/13
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CATALOG COPY

Catalog Copy as currently written. Include only sections/paragraphs that would be changed if your request is approved. Please cross out or otherwise highlight any deletions.

PROPOSED CATALOG COPY

Reflecting requested changes (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications).
Please note: all copy will be edited to reflect uniform style in the General Catalog.

Proposed Catalog Copy for Arctic Minor:

Minimum 28 credits:

1. Foundation Coursework (9 credits): ARCTIC 200; OCEAN 235; ARCTIC 401
2. Integrative Experience (3 credits): ARCTIC 400
3. Electives (minimum 16 credits): see advisor for approved list
 - a. minimum of two courses from the approved social sciences list
 - b. minimum of two courses from the approved science list
 - c. minimum one course with north star designation, may be combined with social science or science elective offering.
4. Minimum 2.00 cumulative GPA for courses applied to the minor
5. Minimum of 15 credits taken from outside student's major requirements
6. Minimum 15 credits of 300-400 level coursework
7. Minimum 15 credits completed in residence at the University of Washington

INTERDISCIPLINARY MINOR IN ARCTIC STUDIES

May 2013

Rationale

The Canadian Studies Center, Henry M. Jackson School of International Studies, College of Arts and Science, and the School of Oceanography, College of the Environment, propose to establish a new interdisciplinary minor in Arctic Studies at the University of Washington (UW). The Arctic is one of the most critical emerging regions of the world. The environmental, social, economic, and political changes occurring in the Arctic present challenges in both the natural and social sciences. These challenges require students to have an interdisciplinary understanding of the complex interface between human societies and the environment. Future leaders in the region will be those who can combine interdisciplinary knowledge covering policy, culture, and science to address the unique and urgent challenges to the region. At the UW there is growing undergraduate interest in Arctic studies. This proposal for an undergraduate minor responds to student interest and to the opportunity for the UW to combine its strengths in polar science with growing expertise in the social sciences to become an international leader in Arctic Studies.

The purpose of this minor is for undergraduates to have an opportunity to gain skills relevant to addressing major science and policy issues in the Arctic. Students may pursue research topics such as indigenous governance; adaptation of northern communities to environmental and social change; security issues (e.g., health issues, food sovereignty, education, culture, and language); northern economies; processes that are controlling the physical and biogeochemical changes in the Arctic, such as the impact of the state of the atmosphere and the ocean on sea-ice distributions and land ice melt; impact of physical changes on marine ecosystems and biodiversity; and the changing transportation pathways in the Arctic Ocean.

By partnering with northern institutions and organizations, the minor encourages arctic-subarctic research collaboration fostering future professional networks. The minor will train students to work with international organizations, national governments, and sub-national organizations and/or to pursue graduate study at the intersection between science and policy in the polar regions. Already the Jackson School and Oceanography have had notable success in student placement and advanced study in Arctic related fields. The minor will enable the UW to facilitate further success in this endeavor.

Henry M. Jackson School of International Studies and Oceanography – Partnering for Excellence

The Henry M. Jackson School of International Studies (JSIS) and Oceanography are the ideal administering units for the Arctic Minor. JSIS and Oceanography are among the first units on campus to offer Arctic-specific courses (JSIS 495 Canada Task Force on Arctic Governance; and OCEAN 122 Arctic Change & 482/508 The Changing Arctic Ocean). These courses have been highly subscribed and successful including placement of students in advanced degrees in Arctic studies and Arctic-based professional fields. Both units also share the largest Arctic collection on campus. Librarians Sion Romaine and Louise Richards created the Arctic and Northern Studies Subject Guide and provide research training sessions on the Arctic for U.W. students.

JSIS has an interdisciplinary faculty with expertise in area and international studies. The undergraduate and graduate curricula, including a new doctoral program, are designed to build in-depth knowledge and understanding of world areas, civilizations, and their interactions on the global stage. JSIS is home to 13 academic programs and 14 centers including centers that represent seven of the eight Arctic nation-states on the Arctic Council (Canada, Russia and the Scandinavian countries) and non-Arctic nation-states with strong interest in the Arctic region (European Union, China, Japan and Korea).

Canadian Studies leads the Arctic Initiative in JSIS. The Center established the International Studies capstone course on Arctic governance and security, fostered several scholarly publications on Canada and the circumpolar world, and sponsored dozens of lectures, symposia and conferences on the region over the last few years. Canadian Studies is also the first National Resource Center in the nation to award Foreign Language and Area Studies fellowships in Inuktitut, the Inuit language. Canada is the world's second largest Arctic nation-state – home of the Northwest Passage and Arctic Archipelago – and plays a leadership role in the Circumpolar World. The Arctic is one of the top foreign policy priorities for both the governments of Canada and Québec; the Inuit in Canada are among the most politically active and effective indigenous people in the world.

The School of Oceanography, also host to a strongly interdisciplinary faculty, fosters continued advancement of the ocean sciences, solutions to problems of societal relevance, and public awareness of the marine environment. It is at the forefront of generating knowledge and understanding of the ocean through observation, experimentation, theory, modeling and technological innovation. The School focuses on learning and discovery, equipping students with knowledge and insights, scholarly methods, scientific tools and communication skills. Its research programs encompass the physical, chemical, biological, and geological sciences and the interfaces between these natural sciences and climate change, the foundation of Arctic change. The School of Oceanography has a highly integrated relationship with U.W.'s Applied Physics Laboratory, one that benefits its linked educational and research missions, and both Oceanography and the Applied Physics Laboratory perform world-leading Arctic research.

The Arctic Ocean is critical to the study of Arctic change, influencing all elements of the Arctic system and connections to the rest of the planet. Interactions between polar seas and ice play a major role in shaping the trajectory of climate and sea level change. As the Arctic sea ice cover continues to thin and recede, access to natural resources is increasing, new shipping lanes are opening, and ecosystems are changing. Sea ice is also integral to the lives of the Inuit whose culture, identity and food security are based on free movement across land and frozen sea.

The Arctic Minor and UW's *Future of Ice Initiative*

The Arctic minor is part of a parallel initiative between the College of Arts and Sciences and College of the Environment: *The Future of Ice: A Polar Regions Science and Policy Initiative* to enhance UW's profile in research, education and public engagement about the polar regions. The February 2013 report submitted by the *Future of Ice* Task Force to the Deans of the College of the Environment, College of Arts and Sciences, and Director of the Applied Physics Laboratory, calls for a significant commitment to polar regions scholarship including a cross-college interdisciplinary education program centered on the Arctic minor; a new Scholars Program for graduate students, post-doctoral and visiting scholars; new hires in the science and policy of the polar regions; and a strategy that ensures the flow of knowledge between the University and community of stakeholders in the polar regions, including indigenous peoples.

Cross-College Partnerships & University of the Arctic

The proposed Arctic minor has the support, and interest, of 20 departments in the College of Arts and Sciences, the College of the Environment, and Interdisciplinary Arts and Sciences at UW Bothell. In addition, the Arctic Minor includes further development of an established partnership with University of the Arctic (UArctic). UArctic is an international cooperative network of institutions from around the circumpolar world, and UW is one of just two UArctic members in the lower 48. Courses available in collaboration with the UArctic enable UW students to participate in a global classroom with colleagues from around the circumpolar world including from Canada, Russia, Greenland, and the Scandinavian

countries. Curriculum design for the UW minor in Arctic Studies includes two on-line Bachelor of Circumpolar Studies (BCS) electives from UArctic (BCS 321 & BCS 322 Contemporary Issues in the Circumpolar World).

Integrating Policy and Science – A Unique Vision for the Arctic Minor

The Arctic Minor has the unique vision to build knowledge and understanding of Arctic change from a social sciences, natural sciences and human studies perspective. This will enhance student understanding of the Arctic and its role in the global system. One of the key goals of the Arctic Minor is to introduce policy to students from the natural sciences and humanities, and natural science courses to students from the social sciences and humanities, effectively improving literacy across the disciplines. The ARCTIC 200 course will introduce science and humanities students to the elements of policy writing and the role of policy in Arctic geopolitics; OCEAN 235 will provide Arctic-centered content to educate non-scientists about scientific issues in the Arctic. Evaluation of the students in ARCTIC 400 (integrative experience) will take into account the differing abilities of the students (a higher level of sophistication in writing policy for the students from the social sciences, and a great degree of expertise in the physical or biological sciences for the natural science students). The differing strengths of the students will create a dynamic and relevant approach to resolving Arctic issues particularly as the students will work in teams on their final written projects. The Arctic Minor will expect all students to gain a fundamental knowledge in Arctic oceanography, climate change, policy, and Arctic indigenous peoples made possible by the required core courses and integrative experience.

Student Learning Outcomes

1. The environmental, social, economic, and political changes occurring in the Arctic pose challenges in both the natural and social sciences requiring students to forge partnerships across the disciplines. In addition to providing core courses in both natural and social sciences, the Arctic minor will require that students take a comparable number of courses from the natural and the social sciences in order to acquire a basic understanding of the interdisciplinary nature of Arctic issues. In addition, students will participate in an integrative experience course co-taught by faculty from each college and requiring integration of natural/social sciences in the final research paper.
2. Arctic minors, via the ARCTIC 200 required course and the social sciences electives, will develop an appreciation for indigenous governance; adaptation of northern communities to environmental and social change; security issues (e.g. health issues, food sovereignty, education, culture, and language); and, northern economies.
3. Arctic minors, via the required OCEAN course and the natural sciences electives, will develop an understanding of the processes that control the physical and biogeochemical changes in the Arctic, such as the impact of the state of the atmosphere and the ocean on sea-ice distributions and land ice melt; impact of physical changes on marine ecosystems and biodiversity; and the changing transportation pathways in the Arctic Ocean.
4. As research on the Arctic is a relatively new, yet fast-developing field, study with current leading Arctic scholars is essential to acquiring an appreciation for and integration into the field. Arctic minors will be required to take course ARCTIC 401 (offered annually) from the Canada Fulbright Visiting Chair in Arctic Studies enabling students to interact with researchers at the cutting edge of their respective fields (e.g., Spring Quarter 2013 the first Arctic Fulbright Chair, S. Graben, will offer a seminar on business and law concerning natural resource development in the Arctic).
5. Understanding the Arctic cannot only be taught in the classroom. Therefore, all Arctic Minors will be encouraged to take internships in the North, conduct fieldwork in the North, and enroll in study-in-Arctic trips nested within courses or via independent study.

6. All Arctic minors will receive training in policy writing and skills in conducting Arctic-focused research in ARCTIC 200.

Governance

Co-chairs (two faculty or staff members from the Jackson School, and two from Oceanography) and a steering committee will administer the minor. Chairs will be appointed by and report to the directors of their respective units.

In the first three years the co-chairs of the Arctic Minor Committee – Jody Deming (Oceanography), Nadine Fabbi (Canadian Studies), Vincent Gallucci (Aquatic and Fishery Sciences and Canadian Studies), and Rebecca Woodgate (Oceanography and Applied Physics Laboratory) – will continue as co-chairs of the Arctic Minor Program. N. Fabbi will serve as the lead chair for the first six months of the program (through Fall Quarter 2013), after which the chairs will elect (or re-elect) a lead chair for the remaining period of the agreement.

The co-chairs will meet with the director of their respective units annually to inform the director of the program's progress. The co-chairs may meet more frequently to discuss program issues as they arise. The term for the co-chairs will be three years with the option for reappointment.

The lead chair will be responsible for the program's budget and operations, and for supervising any personnel supported by program funds. The co-chairs will be responsible for oversight of the Arctic Minor curriculum and will consult with collaborating units as needed on issues of course availability, course prerequisites, and requirements. The co-chairs will ensure that instructors are available for the core courses working with directors as needed. In performing these duties, the co-chairs will keep the steering committee informed on program development and seek its advice. The co-chairs will also work with the committee and program staff on recruitment of undergraduates to the program.

Concerning oversight of course content, the co-chairs in consultation with the Arctic Minor Steering Committee, will evaluate the core courses, the integrative experience course, and electives on an annual basis. All North Star courses will be evaluated to ensure each maintains a minimum of 33% Arctic content. All other electives will be evaluated to determine: 1) if Arctic course content has increased to the 33% threshold (at which point the course will be moved into the North Star category); 2) their relevance to the Arctic Minor as determined by the criteria outlined in "Elective Coursework – Designed for a Tailored Program" below. Concerning Arctic content (North Star electives), the evaluation process will include reviewing course descriptions and syllabi. Concerning relevance to Arctic studies (all other listed electives), the evaluation process will include discussions with faculty, student advisors, and/or experts in the field to assess curricular need for advanced study or placement in Arctic-related fields. In addition, the co-chairs in consultation with the Arctic Minor Steering Committee, school and departmental chairs, and faculty members, will evaluate revised or new courses as potential additions to the minor.

The Minor Committee will work with both colleges to increase Arctic content in classes on an on-going basis and will serve as a strong advocate for additional Arctic classes throughout the University of Washington, including outside of the Colleges of Arts and Sciences and Environment.

In the first year of the program, JSIS and Oceanography are not expected to provide the co-chairs with course release or summer salary for their service. Departmental support will be reviewed in YR 2 of the program.

For both broader oversight and to build Arctic Studies broadly across the schools and departments in the two colleges, the co-chairs will convene a faculty advisory committee. In addition to the co-chairs the steering committee will consist of the following, each serving a two-year term:

1. Three faculty members from each College (College of Arts and Sciences and College of the Environment), each representing one of the disciplinary track units, appointed by the co-chairs in consultation with the unit's director;
2. A faculty or staff member from the Quaternary Research Center, appointed in consultation with the unit's director;
3. A faculty or staff member from the Applied Physics Laboratory, appointed in consultation with the unit's director.
4. A faculty or staff member at large from the UW (including from a professional school outside the two colleges or unit such as the Burke Museum), appointed in consultation with the unit's director.

In addition, an external advisory committee will be established to provide the minor with international expertise on Arctic curricula, connections and collaborations with international institutions and organizations, and for development purposes. The co-chairs, in consultation with the steering committee, will appoint the external advisory committee.

Assessment Plan

Dr. Bayta Maring, Assistant Director, UW Office of Educational Assessment has drafted an Assessment Plan for YRS 1-4 for the minor including the development of detailed learning goals, objectives, outcomes, and metrics (see Appendix D). Once the Arctic minor has been approved, the Arctic Minor Committee will seek joint funding from the College of Arts and Sciences and College of the Environment to implement the four-year plan. While full implementation of the Office of Educational Assessment plan is funding-dependent, even in the case where no funding is available, the co-chairs in consultation with the Arctic Minor Steering Committee will collect the following data from centrally available sources:

- course enrollment versus available seats
- course evaluation (adjusted scores)
- number of minors, and number of graduating minors
- number of units (majors) from which minors are drawn.

Student Advising (Recruitment, Retention, Placement)

In addition to students receiving advising from their major department, the co-chairs will serve as the student advisors for the first three-years of the program or until it reaches capacity. The co-chairs will recruit students for the core classes, recruit students for the minor (including communication with student advisors across campus, faculty members, students in elective course offerings), seek to retain current minors (via on-going communication with minors, establishment of a student association, establishment of a newsletter, facilitation of activities), and assist in placing students (via listing and dissemination of graduate study opportunities, internships, professional positions).

A part-time work-study student will create a website for the minor and assist the co-chairs in carrying out the above responsibilities. The Jackson School will provide funding for a part-time student assistant position for the first three years of the program. This commitment will be reviewed annually.

The student services offices for both the Jackson School and Oceanography will assist, as needed, with technical issues.

When the minor reaches a threshold of 60 students, the Arctic Minor Steering Committee and directors of the Jackson School and Oceanography will review administration and staffing of the program. At that time a .5 FTE student services director is suggested.

Projected Enrollments

We anticipate reaching a capacity of 60 students in the minor in three years (see Appendix A). This is an informed estimate based on discussions with faculty, observations by members of the minor committee, and calculations from past and currently offered Arctic courses.

First, the total number of majors from the key participating units¹ in the Arctic minor is just over 3,000 (see table below). A conservative estimate of 2% interest in the Arctic Minor by the majors from these key units would equate to about 63 minors.

Second, we asked the faculty members currently teaching Arctic courses (JSIS 495 Task Force on Arctic Governance, OCEAN 122 & OCEAN 482 The Changing Arctic Ocean, ARCHY 377 Archaeology of the Arctic) how many students would be interested in an interdisciplinary Arctic minor were it to be offered. The estimates ranged from 25-80%. At 50% this would equate to just over 30 students per year from these courses alone. It is not out of the range to estimate that this number would at least double were a complete survey conducted of students from all of the participating units/courses.

Finally, two visiting scholars are offering Arctic-specific courses this Spring Quarter (S. Graben, Canada Fulbright Chair, JSIS 482A Business in the Arctic: Working with Law and Policy in Resource Development; and, T. Penikett, JSIS Visiting Scholar, JSIS 482B Indigenous Land Claims in North America and the Arctic). The total enrollment for both courses is 35. It is within reason to assume that of the 35 perhaps 80% or 28 of the students would be interested in an Arctic minor. With 28 students per year potentially expressing interest, this would equal almost 60 students in a two-year period.

We anticipate students interested in the proposed minor will come from a wide variety of majors. Profiles of likely candidates include: 1) students in the natural and biological sciences who have an interest in developing policy expertise; 2) students who have an interest in indigenous studies and social policy and seek a scientific grounding for those studies; 3) students who have an interest in a particular Arctic nation-state or region of the world and the policy and science thereof; 4) and, other students with a general interest in global studies and new emerging regions of the world.

Total Majors in Arctic Minor-Participating Units	# Majors
American Indian Studies	31
Anthropology	437
Aquatic & Fishery Sciences	119
Atmospheric Sciences	61
Earth & Space Sciences	168
Geography	200
Environmental & Forest Resources	302
Henry M. Jackson School of International Studies	558
Law, Society & Justice	162
Oceanography	113

¹ Excluded from that list are those departments that only offer a master's degree (SMEA) or where the minor draws content expertise but where it is not anticipated that we would draw majors (eg. economics, philosophy, quantitative science).

Political Science	731
Program on Environment	216
Scandinavian Studies	51
Total	3,149

Structure of the Arctic Studies Minor²

The minor requires a minimum of 28 credits with a minimum of 15 credits from areas outside the student's major. A minimum 2.0 grade is required for each course applied toward the minor, and a minimum of 15 credits must be completed at the UW.

Students are required to complete four core courses (12 credits) made up of:

1. Three foundation courses (9 credits) designed to provide an orientation:
 - a. to indigenous and nation-state geopolitics in the Arctic and policy writing (ARCTIC 200)
 - b. changes to the Arctic Ocean from a scientific perspective (OCEAN 235)
 - c. current issues in the Arctic (ARCTIC 401) taught by the incoming Chair in Arctic Studies.
2. One integrative experience course (3 credits) that will combine the natural and social sciences and will require that students work in interdisciplinary teams on their research projects.

In addition to the core, students are required to take an additional 16 credits of electives, i.e., at least four courses of which two are in the social sciences and two are in the natural sciences. Of the elective credits, at least one course must be ranked with an North Star* indicating more than 33% Arctic content. The remaining electives are designed to provide a balance between the natural and social sciences and to build knowledge in key Arctic-relevant areas (further explanation below).

Introductory Courses (9 credits, minimum cumulative GPA of 2.0)

- ARCTIC 200 Introduction to Arctic Studies: Indigenous Diplomacies & International Relations (3 credits, Fall)
- OCEAN 235 Arctic Change (3 credits, Spring)
- ARCTIC 401 Current Issues in the Arctic Region (3 credits, Spring)

Integrative Experience (3 credits)

ARCTIC 400 Integrating Policy and Science in Arctic Studies (3 credits)

This integrative experience course is designed to integrate the core scientific and policy courses from the disciplines that constitute the Arctic minor. Students in the Arctic minor integrative experience will:

- read, evaluate, and synthesize information from primary literature in Arctic development, with a focus on climate change literature;
- integrate information from the physical/biological sciences into the policy contexts;
- present/argue/defend positions based on the physical and biological evidence that support a policy position;
- speculate based on evidence the direction in which policy decisions will go;
- communicate ideas in both written and oral context.

² The Arctic Minor curriculum was decided on and agreed to by all members of the Arctic Minor curriculum committee (see front page memo for a listing of committee members) in consultation with the director and associate director of the Jackson School of International Studies and Oceanography, and the Future of Ice steering committee.

This course will focus on important background knowledge in both policy and scientific knowledge that will determine the state of the Arctic environment in the near and distant futures. UW climate change scientists and policy experts will be invited to speak in the class.

Elective Coursework – Designed for a Tailored Program

Electives (to total 16 credits) will be selected from a list of approved courses below. A minimum of two courses must be taken from each of the two content areas: A: Natural Sciences; and, B: Social Sciences. At least one of the electives must have an North Star* designation indicating significant (33%) Arctic course content.

Each of the courses in the electives listed was selected *specifically* for its Arctic or Arctic-relevant content based on a three-part vetting system: 1) relevant course content found in the course title and course description; 2) relevant course content identified in further consultation with departments/faculty members; 3) and, relevant knowledge to Arctic issues.

The Arctic Minor committee first selected those courses with obvious relevance to the Arctic or Arctic issues. For example, AIS 461 First Nations Government and Politics in Canada, JSIS A 348/POL S 348 European Union as Global Actor, ATM S 111 Global Warming: Understanding the Issues, ESS 203 Glaciers and Global Change, and so forth.

The Minor Committee next approached each department (departmental head, student services director, or faculty member) to identify additional courses with key relevance to Arctic studies not evident by titles/descriptions. As a result courses such as the following were added: AIS 340 Indian Children and Families taught by Million an Alaskan native who includes considerable Inupiat community content; GEOG 271 Geography of Food and Eating taught by Jarosz who includes a module on Canada and Canadian Arctic food security; and, ESRM 210 Introductory Soils suggested by Deluca for inclusion of permafrost issues in the course.

The third step was to identify those courses that provide a relevant knowledge base and set of skills needed to understand Arctic issues. For example, students with an interest in natural resource development issues in the Arctic will benefit from ECON 435 Natural Resource Economics. Those interested in understanding the forced relocation of Inuit communities in Canada and Russia will learn about the history and theoretical framework for human migrations in Friedman's JSIS B 441 Forced Migrations. Or, students with an interest Arctic climate change as a human rights issue will benefit from the legal and political background provided in LSJ 320/POL S 368 The Politics and Law of International Human Rights.

This broad but *relevant* range of electives enables each minor to develop expertise on an Arctic issue from the framework and theoretical foundation of a particular discipline. As such, the Arctic minor is designed to offer the most complete range of topics necessary to enable the students and advisors to tailor the program to each individual student's interest. It is the vision of the Minor Committee that the Arctic Minor students will graduate with advanced expertise in a selected area of Arctic studies.

Approved List of Elective Courses by Category & Department

North Star courses are designated with a *. Please see the UW course catalog for course descriptions and for pre-requisites: <http://www.washington.edu/students/crscat/>

(The Arctic course content in each of the elective classes, especially the non-star classes, will be explicitly stated under each course listed on the website at launch of the minor, and distributed to the advisors.)

A: Social Sciences Category (min. two courses)

Arctic Studies

*ARCTIC 498 Special Topics (social sciences content)

American Indian Studies

AIS 340 Indian Children & Families (5) I&S

AIS 360 American Indians in Cinema (5) VLPA/I&S

AIS 441 Gender in Native American Societies (5) I&S

AIS 443/COM 443 Indigenous Films, Sovereign Visions (5) VLPA/I&S

AIS 444 Criminality & "Deviance" in Native Communities (5) I&S

AIS 461/JSIS A 426 First Nations Government & Politics in Canada (5) I&S

AIS 465/JSIS A 422 First Nations Filmmaking in Canada (5) VLPA

Anthropology & Archaeology

ANTRO 211/AES 211/ENVIR 211 Environmental Justice (5) I&S

ANTH 310 Native North American Societies (5) I&S (pre-req)

ANTHRO 371/ENVIR 371 Anthropology of Development (5) I&S (pre-req)

*ARCHY 377 Archaeology of the Arctic (5) I&S (pre-req)

ANTHRO 459/ENVIR 459 Culture, Ecology, & Politics (5) I&S

Economics

ECON 435 Natural Resource Economics (5) I&S (pre-req)

ECON 436 Economics of the Environment (5) I&S (pre-req)

Environmental & Forest Sciences, Environmental Science & Resource Management

ESRM 371/SOC 379/ENVIR 379 Environmental Sociology (5) I&S/NW

ESRM 400 Natural Resource Conflict Management (3) I&S/NW

Geography

GEOG 270 Geographies of International Development & Environmental Change (5) I&S

GEOG 271 Geography of Food & Eating (5) I&S

GEOG 375/JSIS B 375 Geopolitics (5) I&S

GEOG 370 Problems in Resource Management (5) I&S

GEOG 433 Resource Use & Management in Russia & Former Soviet Republics (5) I&S

GEOG 480 Environmental Geography, Climate, & Health (5) I&S (pre-req)

Gender, Women & Sexuality Studies

GWSS 341/AIS 341 Native Women in the Americas (5) I&S

GWSS 440/AIS 440 Reading Native American Women's Lives (5, max. 10) I&S

GWSS 442/AIS 442 Images of Natives in the Cinema & Popular Cultures (5) I&S/VLPA

Jackson School of International Studies

JSIS 201 The Making of the 21st Century (5) I&S (pre-req)

JSIS A 301 Europe Today (5) I&S

JSIS A 348/POL S 348 European Union as Global Actor (5) I&S

JSIS A 420 Post-Soviet Security (5) I&S

JSIS A 427/ANTH 425 Anthropology of the Post-Soviet States (5) I&S

*JSIS B 350/ENVIR 360/SCAND 350 Environmental Norms in International Politics (5) I&S

JSIS B 441 Forced Migrations (5) I&S (pre-req)

JSIS 478 Geopolitics of Oil (5) I&S

Law, Society & Justice

LSJ 320/POL S 368 The Politics & Law of International Human Rights (5) I&S

Marine & Environmental Affairs

*SMEA 407 International Organizations & Ocean Management (3)

SMEA 476/ENVIR 476 Introduction to Environmental Law & Process (3) I&S

*SMEA 514 Marine Pollution Management Issues (3)

Philosophy

PHIL 207/POL S 207/VALUES 207 Issues of Global Justice (5) I&S
PHIL 243/ENVIR 243 Environmental Ethics (5) I&S
PHIL 416/ENVIR 416 Ethics & Climate Change (5) I&S
PHIL 417/ENVIR 417 Advanced Topics in Environmental Philosophy (5) I&S

Political Science

POL S 203 Introduction to International Relations (5) I&S
POL S 321 American Foreign Policy (5) I&S
POL S 328 International Organizations (5) I&S (pre-req)
POL S 384/ENVIR 384 Global Environmental Politics (5) I&S
POL S 385/ENVIR 385 Political Ecology of the World Food System (5) I&S
POL S 423 International Law (5) I&S
POL S 426/JSIS B 426 World Politics (5) I&S
POL S 427 International Political Economy (5) I&S
*POL S 437/SCAND 437 Politics in Scandinavia (5) I&S
POL S 442/JSIS A 408 Government & Politics of China (5) I&S
POL S 448 Politics of the European Union (5) I&S

Scandinavian Studies

*SCAND 326/POL S 326 Scandinavia in World Affairs (5) I&S
SCAN 351/JSIS A 351 Scandinavia, the European Union, & Global Climate Change (5) I&S
*SCAN 479/JSIS A 429 Eco-Capitalism (5) I&S

Sociology

SOC 356/POL S 356 Society & Politics (5) I&S

Bothell Campus

*BIS 490 Economics of Ice: Globalization & the Polar Regions (5)

University of the Arctic (on-line courses)

*BCS 331 Contemporary Issues in the Circumpolar World (4)
*BCS 332 Contemporary Issues in the Circumpolar World (4)

B: Natural Sciences Category (min. two courses)

Arctic Studies

*ARCTIC 498 Special Topics (natural sciences content)

Aquatic & Fisheries Sciences

FISH 250/BIOL 250/OCEAN 250 Marine Biology (3/5) I&S
FISH 330/ENVIR 330 Climate Change Impacts on Marine Ecosystems (5) NW
FISH 437 Fisheries Oceanography (4) NW
*FISH 464 Arctic Marine Vertebrate Ecology (4) (pre-req)

Atmospheric Sciences

ATM S 211 Climate & Climate Change (5) I&S/NW
ATM S 321 The Science of Climate (3) NW (pre-req)
ATM S 475/ESS 475/OCEAN 475 Current Research in Climate Science Seminar (3, max. 6) (pre-req)

Environmental & Forest Sciences, Environmental Science & Resource Management

ESRM 210 Introductory Soils (5) NW
ESRM 350 Wildlife Biology & Conservation (5) NW (pre-req)
ESRM 450 Wildlife Ecology & Conservation (5) NW (pre-req)

Earth & Space Sciences

ESS 201 The Earth System & Climate (5) (pre-req)
ESS 203 Glaciers & Global Change (5) I&S/NW
ESS 302 Great Ice Age (5) NW (pre-req)

ESS 431 Principles of Glaciology (4) NW

ESS 433 Environmental Change in the Glacial Ages (5) NW

ESS 435 Glacial-Periglacial Geomorphology (3) NW (pre-req)

Oceanography

OCEAN 200 Introduction to Oceanography (3)

OCEAN 210 Ocean Circulation (3) NW (pre-req)

OCEAN 355 From Big Bang to the Blue Planet (3) NW (pre-req)

OCEAN 423 Ocean Circulation & Climate (3) (pre-req)

OCEAN 430 Biological Oceanography (4) (pre-req)

OCEAN 431 Special Topics in Biological Oceanography (3) NW (pre-req)

OCEAN 450 Climatic Extremes (4) NW

*OCEAN 482 The Changing Arctic Ocean (3) NW

Quantitative Science

Q SCI 210/ENVIR 210 Introduction to Environmental Modeling (4) NW, QSR

APPENDIX A

Memorandum of Agreement between The Henry M. Jackson School of International Studies, College of Arts and Sciences and School of Oceanography, College of the Environment for the Arctic Studies Minor May 2013

I. Purpose of Agreement

The Henry M. Jackson School of International Studies, College of Arts and Sciences and the School of Oceanography, College of the Environment agree to cooperate to offer a new undergraduate minor in Arctic Studies, to begin Autumn Quarter 2013 subject to approval by the appropriate university authorities. The purpose of this minor is for undergraduates to have an opportunity to gain skills relevant to addressing major science and policy issues in the Arctic.

The environmental, social, economic, and political changes occurring in the Arctic present challenges in both the natural and social sciences. These challenges require students to have an interdisciplinary understanding of the complex interface between society and the environment in order to meet future demands for decision-making and leadership concerning the region.

The Jackson School and Oceanography are obvious lead units for this minor as the Arctic is emerging as a new actor in area and international studies; and, the continuing loss of Arctic Ocean sea ice is creating the most significant challenges and opportunities in the region.

This document lays out the conditions under which the program will be governed and financed. The agreement will run for a three-year period through June 30, 2016, with a review of the program to take place no later than Winter Quarter of 2016. Following the review, the agreement will be renewed or a new one will be negotiated.

II. Program Size

It is estimated that the minor will draw approximately 60 students in the first three years it is offered. While enrollment for the minor cannot be capped, limiting the two core courses – ARCTIC 200 and OCEAN 235 – to 50 students each will effectively ensure that the minor does not grow beyond a manageable stage within the first three-year period (see Appendix A for projections). Enrollments can be increased by mutual agreement of the directors of the Jackson School and Oceanography if student interest is sufficient and the necessary funding is available.

III. Governance

Co-chairs (two faculty or staff members from the Jackson School, and two from Oceanography) and a steering committee will administer the minor. Chairs will be appointed by and report to the directors of their respective units.

In the first three years the co-chairs of the Arctic Minor Committee – Jody Deming (Oceanography), Nadine Fabbi (Canadian Studies), Vincent Gallucci (Aquatic and Fishery Sciences and Canadian Studies), and Rebecca Woodgate (Oceanography and Applied Physics Laboratory) – will continue as co-chairs of the Arctic Minor Program. N. Fabbi will serve as the lead chair for the first six months of the program (through Fall Quarter 2013), after which the chairs will elect (or re-elect) a lead chair for the remaining period of the agreement.

The co-chairs will meet with the director of their respective units annually to inform the director of the program's progress. The co-chairs may meet more frequently to discuss program issues as they arise. The term for the co-chairs will be three years with the option for reappointment.

The lead chair will be responsible for the program's budget and operations, and for supervising any personnel supported by program funds. The co-chairs will be responsible for oversight of the Arctic Minor curriculum and will consult with collaborating units as needed on issues of course availability, course prerequisites, and requirements. The co-chairs will ensure that instructors are available for the core courses working with directors as needed. In performing these duties, the co-chairs will keep the steering committee informed on program development and seek its advice. The co-chairs will also work with the committee and program staff on recruitment of undergraduates to the program.

In the first year of the program, JSIS and Oceanography are not expected to provide the co-chairs with course release or summer salary for their service. Departmental support will be reviewed in YR 2 of the program.

For both broader oversight and to build Arctic Studies broadly across the schools and departments in the two colleges, the co-chairs will convene a faculty advisory committee. In addition to the co-chairs the steering committee will consist of the following, each serving a two-year term:

1. Three faculty members from each College (College of Arts and Sciences and College of the Environment), each representing one of the disciplinary track units, appointed by the co-chairs in consultation with the unit's director;
2. A faculty or staff member from the Quaternary Research Center, appointed in consultation with the unit's director;
3. A faculty or staff member from the Applied Physics Laboratory, appointed in consultation with the unit's director;
4. A faculty or staff member at large from the UW (including from a professional school outside the two colleges or entity such as the Burke Museum), appointed in consultation with the unit's director.

In addition, an external advisory committee will be established to provide the minor with international expertise on Arctic curricula, connections and collaborations with international institutions and organizations, and for development purposes. The co-chairs, in consultation with the steering committee, will appoint the external advisory committee.

IV. Student Advising (Recruitment, Retention, Placement)

In addition to students receiving advising from their major department, the co-chairs will serve as the student advisors for the first three-years of the program or until it reaches capacity. The co-chairs will recruit students for the core classes, recruit students for the minor (including communication with student advisors across campus, faculty members, students in elective course offerings), seek to retain current minors (via on-going communication with minors, establishment of a student association, establishment of a newsletter, facilitation of activities), and assist in placing students (via listing and dissemination of graduate study opportunities, internships, professional positions).

A part-time work-study student will create a website for the minor and assist the co-chairs in carrying out the above responsibilities. The Jackson School will provide funding for a part-time student assistant position for the first three years of the program. This commitment will be reviewed annually.

The student services offices for both the Jackson School and Oceanography will assist, as needed, with technical issues.

When the minor reaches a threshold of 60 students, the Arctic Minor Steering Committee and directors of the Jackson School and Oceanography will review administration and staffing of the program. At that time a .5 FTE student services director is suggested.

V. Finances

College of Arts and Sciences will retain ABB revenue generated by Student Credit Hours (SCH) for courses with the ARCTIC prefix. Each college will receive SCH credit for its own courses.

The Jackson School will fund program costs (work-study and publicity) through June 30, 2016 (see Appendix B) to be reviewed annually. Financial arrangements will be reexamined as part of the program review to take place by the end of Winter Quarter 2016, with the possibility of an adjustment as part of the negotiation of a new agreement.

VII. Infrastructure

The program will be housed in the Jackson School. The Jackson School will provide space for program advising and instructional staff. The Jackson School will also provide support for computing, publicity, website hosting, and other needs.

Signed:

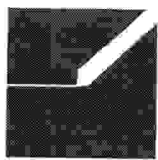


Reşat Kaşaba
Director, Henry M. Jackson School of
International Studies
College of Arts and Science



Virginia (Ginger) Armbrust
Director, School of Oceanography
College of the Environment

YR 1 Budget Arctic Minor Hourly Support & Publicity			
Summer Quarter 2013			
Hours per week			15
Total number of weeks			12
Hourly rate			\$15
Total summer salary			\$2,700
Benefits (15.3 @ 2013-14 rates)			\$413
Total Summer Staff Costs			\$3,113
Academic Year 2013-14			
Hours per week			15
Weeks per quarter			11
No. of quarters			3
Hourly rate			\$15
Total AY salary			\$7,425
40% departmental responsibility			\$2,970
Benefits (15.3 2013-14 rates)			\$454
Total AY 2013-14 Wkstudy Costs			\$3,424
		Total Hourly Support	\$6,538
Other Costs			
Publicity (poster/brochure for program; flyer ARCTIC 200)			
Design work (poster, \$250; brochure, \$500; flyer \$200)			\$950
Printing (poster \$100; brochure \$500; flyer \$50)			\$650
		Total Publicity Costs	\$1,600
		YR 1 TOTAL REQUEST	\$8,138
YR 2 & YR 3 Budget Arctic Minor Hourly Support & Publicity			
Summer Quarters 2013 & 2014			
Hours per week			15
Total number of weeks			12
Hourly rate			\$15
Total summer salary			\$2,700
40% departmental responsibility			\$1,080
Benefits (15.3 @ 2013-14 rates)			\$165
Total Summer 2014 & 2015			\$2,490
Academic Year 2014-15 & 2015-16			
Hours per week			15
Weeks per quarter			11
No. of quarters			3
Hourly rate			\$15
Total AY salary			\$7,425
40% departmental responsibility			\$2,970
Benefits (15.3 2013-14 rates)			\$454
Total YR 2014-15 & 2015-16			\$6,849
		Total Hourly Support	\$9,339
Other Costs			
Publicity - \$500 per year x 2 years			\$1,000
		YR 2 & 3 TOTAL REQUEST	\$10,339
THREE-YEAR COMMITMENT			
			\$18,477



Appendix D: Arctic Minor Assessment Plan

August 2013

Overview

The UW Office of Educational Assessment (OEA) will provide assessment services for the Arctic Studies Minor, including the development of detailed learning goals, objectives, outcomes, and metrics. The assessment of the minor will incorporate multiple sources of data, including selected assignments and projects associated with the core courses, as well as institutional data about enrollment and program completion. In addition, OEA will gather in-depth feedback from students and faculty during the first four years of the program, leading to a survey instrument and procedures for gathering information from all students who complete the minor in the future.

The assessment will be overseen by Dr. Bayta Maring, Assistant Director, UW OEA.

Timeline and Budget

Program year	Assessment activities	Estimated budget
Year 1	<ul style="list-style-type: none">Facilitated conversations with faculty and other stakeholders to document predicted outcomes and associated metrics, as well as a comprehensive assessment plan.	20 hours, \$75/hour: \$1500
Year 2	<ul style="list-style-type: none">Interviews and focus groups with currently enrolled students to gather formative feedback as well as summative data related to program outcomes.Interviews with faculty and other stakeholders to gather feedback for program improvement and planning.Analysis and reporting	80 hours, \$75/hour: \$6000
Year 3	<ul style="list-style-type: none">Facilitated discussion among faculty and other stakeholders about qualitative resultsDevelopment of draft survey instrument for past and current students.	20 hours, \$75/hour: \$1500
Year 4	<ul style="list-style-type: none">Pilot of survey for all past and current participantsAnalysis and reporting of resultsSurvey refinementProcedures for ongoing, biennial survey administration	60 hours, \$75/hour: \$4500

Jennifer A. Payne

From: Nadine Fabbi <nfabbi@u.washington.edu>
Sent: Monday, October 07, 2013 8:06 AM
To: Jennifer A. Payne
Subject: Re: appropriate language
Attachments: ECON.eml; Atmospheric Sciences.eml; Geography.eml; AIS.eml; ANTHRO.eml; PoE.eml; Philosophy.eml; Bothell.eml; FISH.eml; Sociology.eml; SMEA.eml; Forestry.eml; SCAN.eml; Q Sci.eml; PoliSci.eml; OCEAN.eml; LSJ.eml; JSIS.eml; GWSS.eml; ESS.eml

Here are each of the email approvals - let me know if this works:

Nadine Fabbi, Associate Director
CANADIAN STUDIES CENTER
Henry M. Jackson School of International Studies
Council Representative, University of the Arctic
University of Washington, Seattle
206-543-6269

Center Website - <http://jsis.washington.edu/canada/>
Task Force on Arctic Governance - <http://jsis.washington.edu/canada/courses/arctic.shtml>
Personal Website - <http://staff.washington.edu/nfabbi/>

On Oct 7, 2013, at 7:32 AM, Jennifer A. Payne wrote:

Nadine,

Outlook will not let me open your file – is it possible to get it in another format?

Jennifer

From: Nadine Fabbi [<mailto:nfabbi@u.washington.edu>]
Sent: Friday, October 04, 2013 9:04 PM
To: Jennifer A. Payne
Subject: Re: appropriate language

+++++

Warning text added to this message by
UW Information Technology
help@uw.edu

ATTACHMENTS RENAMED

This message came to the UW with an attached file with a name that ended in .zip or .exe. Because files of this type can automatically infect computers with a virus, the attachment has been renamed.

- o If the sender of the message is known to you, and you were expecting the message, you need simply save the attachment using the original name or save it as is and

Jennifer A. Payne

From: Nadine Fabbi <nfabbi@u.washington.edu>
Sent: Friday, October 04, 2013 9:02 PM
To: Jennifer A. Payne
Subject: Re: appropriate language

Yes, this is fine.

Nadine Fabbi, Associate Director
CANADIAN STUDIES CENTER
Henry M. Jackson School of International Studies
Council Representative, University of the Arctic
University of Washington, Seattle
206-543-6269

Center Website - <http://jsis.washington.edu/canada/>
Task Force on Arctic Governance - <http://jsis.washington.edu/canada/courses/arctic.shtml>
Personal Website - <http://staff.washington.edu/nfabbi/>

On Oct 4, 2013, at 4:42 PM, Jennifer A. Payne wrote:

Oh and SCAP just wanted me to confirm again that you are okay with the cum 2.0 because I missed that page 7 of your supplemental information still said a 2.0 in each course.

Jennifer

From: Nadine Fabbi [<mailto:nfabbi@u.washington.edu>]
Sent: Friday, October 04, 2013 2:20 PM
To: Jennifer A. Payne
Subject: appropriate language

Hi Jennifer. The College of Arts and Sciences is writing a story about the new Arctic minor (in a larger story on innovative interdisciplinary minors).

What is the appropriate wording they can use given the minor is not approved. The article will be published on Oct 18th so post-FCAS. This is the current language they are using which is not quite right but what language would you suggest following their comma? Thank you!

An Arctic Studies minor, offered jointly with the College of the Environment, was approved earlier this month and will launch in _____ 2014.

Nadine Fabbi, Associate Director
CANADIAN STUDIES CENTER
Henry M. Jackson School of International Studies
UW Council Representative, University of the Arctic
University of Washington, Seattle
206-543-6269

Center Website - <http://jsis.washington.edu/canada/>
Personal Website - <http://staff.washington.edu/nfabbi/>
Arctic Task Force 2013 - <http://jsis.washington.edu/canada/courses/arcticpolicy.shtml>

Physical Location
Thomson Hall, Room 503

Undergraduate Curriculum Review Process for New Programs[Home](#) [Manage](#) [Participants](#) [Profile \(jap2\)](#)

Seattle: Minor in Arctic Studies (ARCTIC-20130510)

uwcr
uwcrPosted Oct 15, 2013 12:01 PM
Edited Oct 15, 2013 12:02 PM by uwcr (jap2) (edited)

Upload image

Please review the attached 1503 pdf requesting to establish a minor in Arctic Studies at the Seattle campus and post comments by 5:00 pm on Wednesday, November 6th.

If you have any problems viewing the attachment or need disability accommodations, please contact the University Curriculum Office at uwcr@uw.edu.

Attachments:

 ARCTIC-20130510.pdf 19 KB
Download View
fwagner
FREDRICK W.
WAGNER

Posted Oct 17, 2013 11:14 AM

This program is well crafted and should be of much interest to students. I full support the proposal

Fritz Wagner
Research Professor
Dept. of Urban Design and Planning
UW-Seattle

thurtle
PHILLIP S
THURTLIE

Posted Oct 18, 2013 1:15 PM

The proposal is clear and the structure of the minor is well thought out. I look forward to seeing the proposal implemented as it will focus a number of efforts of those on campus studying the arctic.

Phillip Thurtle
Associate Professor
CHID
History

kasaba
RESAT KASABAPosted Oct 20, 2013 12:47 PM
Edited Oct 20, 2013 12:48 PM by kasaba

I am truly excited about the prospect having such an original program of collaboration across the UW campus. The minor will deal with an important issue and address a growing demand by our students.

Resat Kasaba

ozubko
CHRISTOPHER
OZUBKO

Posted Oct 21, 2013 12:12 PM

The proposal is comprehensive and well thought out. Awareness and interest in the Arctic is definitely on the rise and this program will challenge students to address timely and important issues facing the Arctic region.

jksstein
JULIE K. STEIN

Posted Oct 21, 2013 11:00 PM

The proposal is exciting and many students will surely find the minor to be valuable. The Burke Museum has many objects made by people living in the Arctic, as well as many animal specimens collected from there. I hope this minor is supported and that UW becomes a center for Arctic research and learning.

pk Moran
PETER K MORAN

Posted Oct 22, 2013 1:01 PM

This proposes an innovative multidisciplinary minor that draws on the strengths of UW faculty, as well as our connections to partner universities through the University of the Arctic consortium. The combination of humanities, social science and natural science perspectives on the region allows students to engage with the challenges facing the Arctic on many levels. It also encourages students to take up directed research in the region, enabling experiential learning in addition to classroom studies. A great addition to the JSIS and College of the Environment offerings!

Peter Moran
Office of Global Affairs

Posted Oct 22, 2013 1:02 PM

steig
ERIC J STEIG

I am very happy to see this coming to fruition. I am happy with the proposal, and would like to see it implemented. This will help the UW to become even more competitive in both education and research on the polar regions, and increasingly important region in science, policy, politics, social science and humanities.

Eric Steig
recent Director, Quaternary Research Center
Professor, Department of Earth and Space Sciences

jdeming
JODY W DEMING

Posted Oct 10, 2013 4:43 PM

This new cross-college minor will mark the beginning of an important and growing interdisciplinary educational effort at the UW focused on the critical world region of the Arctic. I am privileged and excited to work with students and colleagues across campus to help bring it to fruition.

Jody W. Deming
Walters Endowed Professor
School of Oceanography
UW Astrobiology Program

herschen
JULIA R.
HERSCHENSOHN

Posted Oct 28, 2013 9:34 AM

This proposed minor is clearly thought out and well-formulated to bring together social, economic, political and geographic disciplines. The importance of Arctic Studies is increasing with growing recognition of our world's interdependencies, and so is a significant area of study. For Linguistics, these factors impinge directly on language and cultural policies related to indigenous peoples and endangered languages.

Julia Herschensohn, Chair
Department of Linguistics UW

kjaoyama
KIRSTEN
AOYAMA

Posted Nov 1, 2013 1:14 PM

Looks like a good multi-disciplinary global learning opportunity that will also contribute to the reputation of the UW.

Kirsten Aoyama
Director, Global Business Center
Foster School of Business

ingie
CHRISTINE
INGEBRITSEN

Posted Nov 4, 2013 11:13 AM

With our Northern European connections and access to the site, we are the logical place to offer this course. It will be attractive to students from multiple disciplines, and can contribute to our growing specialization in Arctic Studies.

bnelson
BRUCE K.
NELSON

Posted Nov 4, 2013 12:16 PM

The proposal is clear and has support of all concerned units. Studies of the Arctic will serve as an important nexus where undergraduate students from a range of disciplines will be able to interact and learn the necessity of interdisciplinary approaches in order to understand the past and future of this critical region.

Bruce Nelson
Earth & Space Sciences
Assoc. Dean for Research, College of the Environment

yongha5
YONG-CHOO
HA

Posted Nov 4, 2013 1:09 PM

This new Arctic project is going to open a new chapter for interdisciplinary study. It will function to facilitate interactions between natural sciences, social sciences and juridical studies. Much more importantly, it will open up new opportunities for international cooperation between UW and major universities in Asia-Pacific and beyond. The proposal is well-prepared with clear visions and technical details and deserves full support.

Yong-Chool Ha
The Korea Foundation Professor
The Henry Jackson School of International Studies

willsonm
MARGARET E.
WILLSON

Posted Nov 4, 2013 1:38 PM

An Arctic multidisciplinary minor will make an important addition to the UW curriculum and international collaboration. This proposal is excellent and I applaud its implementation.

Margaret Willson
Department of Anthropology

kbunn
KATHRYN BUNN-

Posted Nov 4, 2013 4:25 PM

MARCUSE

I support the proposal for an Arctic Studies minor at the University of Washington. This is a critical area of study. The collaboration across faculty to include social and natural sciences and the options of Indigenous methodologies and diplomacies is notable. This is a critical area of study and offers a unique blend of cross-disciplinary possibilities to undergraduates. The Burke Museum's resources provide additional on-campus possibilities for hands-on research for students with interests in both the natural and cultural studies aspects of this program.

Kathryn Bunn-Marcuse
Bill Holm Center for the Study of Northwest Coast Art
Burke Museum

scott
SCOTT B.
RADNITZ

Posted Nov 4, 2013 4:44 PM

This program is an exciting collaboration of different units, and should position the university as one of the leading centers for the study of the Arctic. I give it my full support.

Scott Radnitz
Associate Professor
Jackson School of International Studies
Director, Ellison Center for Russian, East European, and Central Asian Studies

fitzhugh
J.BEN FITZHUGH

Posted Nov 4, 2013 8:43 PM

Edited Nov 4, 2013 8:43 PM by fitzhugh

This is a very exciting program that deserves full support.

The Arctic is an enigmatic place for most 'southerners,' a place of cold mystique, stereotypes, and adventure stories. Robert McGhee termed it "The Last Imaginary Place," in a book of the same name, for its ability to encode romantic notions of otherness, exoticism, stark and barren beauty... In a word 'difference' from everything comfortable and familiar. The subjects of this evolving fantasy were ice, snow, barren (glacially carved) rock, polar bear, walrus, seal, narwhal (with the unitary tusks that spawned the myth of the unicorn), and the people of the Far North. To those people making a living in the Arctic, the place was home, predictable, if sometimes hazardous, cyclical, spiritual, and rewarding. Arctic residents (plants, animals, and people) have faced dramatic and accelerated changes over the past few centuries as they faced commercial resource extraction, colonization, forced settlement, incorporation into an increasingly globalized economy, and loss of self-determination. The Arctic faces new and even more dramatic changes in the present and forecasted future... warming climate, loss of summer sea ice, ecosystem reorganization, increased industrial development, shipping, and growing interest of international powers. As the world confronts the challenges and opportunities of a "new" Arctic, the imagined myths are fracturing like the spring ice on a rising tide. The Arctic Minor will ensure that UW students have a place to develop a more solid foundation in the complex and closely entwined natural, social and humanistic dimensions of a place poorly understood but increasingly important on the world stage. With strong focus on the perspectives of northern peoples, the minor will also ensure that northern communities have a stronger voice in a less imaginary understanding of the Arctic.

Ben Fitzhugh
Associate Professor
Department of Anthropology

jai26
JOSE A LUCERO

Posted Nov 4, 2013 9:58 PM

This is a terrific idea. The proposal is particular exciting not only for the geopolitical and environmental contents (of course important), but also the including of Indigenous peoples's politics-- an all-to-often overlooked part of International Studies. I am happy to support this initiative.

José Antonio Lucero
Hanauer Honors Professor
Chair, Latin American and Caribbean Studies
Associate Professor of International Studies

smp1
SAADIA
PEKKANEN

Posted Nov 4, 2013 1:00 PM

I fully support this initiative, and believe it will help position the UW as a pioneer in bringing this critical region in the world in larger geopolitical debates. The program is also exciting in reaching out and cohesively connecting units at the UW. From the perspective of the JSIS Ph.D. Program, the presence of the Arctic Studies Minor will also help us to recruit doctoral students with an interest in "problem-focused" approaches to contemporary challenges for governments and communities within this region.

Saadia Pekkanen
Job and Gertrud Tamaki Professor, JSIS
Adjunct Professor, School of Law
Adjunct Professor, Department of Political Science

Undergraduate Curriculum Review Process for New > Seattle: Minor in Arctic Studies (ARCTIC-20130510)

Questions or comments?
Contact us at small.catalyst@uw.edu

Undergraduate Curriculum Review Process for New Programs

[Forum](#) [Manage](#) [Participants](#) [Profile \(jap2\)](#)

Seattle: Minor in Arctic Studies (ARCTIC-20130510)

graumlisch Posted Nov 5, 2013 10:19 AMLISA J
GRAUMLICH

I wholeheartedly support the proposal for an Arctic Studies Minor. The proposal represents a high level of collaboration between College of the Environment and College of Arts and Sciences, which I hope to see as a harbinger of more and deeper collaboration. Students in the minor will have an opportunity to engage with a truly stellar cast of faculty members on a topic of emerging global importance.

Lisa Graumlisch
Dean, College of the Environment

boaba Posted Nov 5, 2013 12:47 PMROBERT T
ANDERSON

I fully support this new offering. It is an important area of study now and will only be more so in the future. The rights of indigenous peoples to self-governance and control of natural resources in Alaska and elsewhere are of particular interest to me, and this course of study will advance understanding of the issues. I look forward to participating in some fashion.

Robert T. Anderson
Professor of Law
Director, Native American Law Center
University of Washington School of Law
W.H. Gates Hall — Room 430
Box 353020
Seattle, WA 98195

206-685-2861

edttaylor Posted Nov 5, 2013 4:04 PMEDWARD
TAYLOR

This is an outstanding proposal. This minor will provide unique and cutting edge opportunities for undergraduates to deepen their learning. The interdisciplinary approach to this work is timely. The integration of policy and science, the cross-college partnerships, depth of student learning outcomes are some of the many strengths of this proposal. Undergraduate Academic Affairs will be a substantive partner in support of the core work of this minor. This is exciting and important work.

Ed Taylor
Dean and Vice provost
Undergraduate Academic Affairs

deluca Posted Nov 5, 2013 7:00 PMTHOMAS H
DELUCA

This proposal for a minor in Arctic Studies is very nicely crafted and well thought out. The team that put this together had clearly spent a lot of time considering all of the different disciplines that could contribute to the minor and has carefully selected courses for inclusion. I fully support this proposal and look forward to seeing it in full swing in the near future.

Tom

Thomas H. DeLuca
Professor and Director
School of Environmental and Forest Sciences

hstern Posted Nov 5, 2013 8:46 PMHARRY
STERN

As a scientist who has been studying the Arctic for a number of years, I'm glad to see the convergence of expertise from across the UW campus into a multi-disciplinary program of Arctic study, which is certainly timely. It is bound to enhance the UW's already significant leadership position in this increasingly important area of the world.

Harry Stern
Polar Science Center / APL-UW

villegas Posted Nov 5, 2013 4:39 PMJULIE E
SCHRADER-
VILLEGAS

Well done! The Arctic Minor will be a welcome addition to our list of interdisciplinary minors at the UW, and Honors is pleased to support this proposal. This dynamic interdisciplinary curriculum will certainly appeal to our students.

Julie S. Villegas
Associate Director
Assistant Professor, English
University Honors Program
Undergraduate Academic Affairs

mkoutnik Posted Nov 5, 2013 5:37 PMMICHELLE R
KOUTNIK

Edited Nov 5, 2013 5:34 PM by mkoutnik

This new Arctic Studies minor will provide a tremendous opportunity for students interested in the different dimensions of this region. The timing of this opportunity is critically relevant to both physical science and social science students that are needed as players in this already dynamic arena, and especially as the Arctic changes further in the future. The team leading this effort will undoubtedly make this a success. I support the minor and I will enthusiastically follow the developments and outcomes that it will deliver.

Michelle Koutnik
Research Assistant Professor
Department of Earth and Space Sciences

nives
NIVES
DOLSAK

Posted Nov 5 10:17 C-2:1 PM

This minor will offer an excellent opportunity to students interested in the Arctic to learn in a truly interdisciplinary program. The minor has rich offerings in the social science and a growing list of courses on the natural science side. I have participated in the review of this proposal as a member of the Curriculum Committee in the College of the Environment and have been very impressed with the commitment of the minor's advisory board to continuous assessment and detailed student advising. I have also been impressed by the extent to which the advising committee has actively sought out breadth in social science perspectives.

Nives Dolsak
Associate Professor
School of Interdisciplinary Arts and Sciences, UW Bothell
School of Marine and Environmental Affairs, UW Seattle

UWCR
UWCR
Board
member

Posted Yesterday, 7:28 AM

Edit () Quote (<https://catalyst.uw.edu/gopost/conversation/uwcr/8187541>) Permalink (<https://catalyst.uw.edu/gopost/conversation/uwcr/818754/post/2818684#2818684>)
Posted Yesterday, 1:54 PM

[marching](https://catalyst.uw.edu/gopost/profile/8812/1096523)
(<https://catalyst.uw.edu/gopost/profile/8812/1096523>)
LOUISE M. RICHARDS

I fully support the proposal for an Arctic Studies Minor at the UW. The UW Libraries print and online collections hold much relevant material to this multidisciplinary area of study. We actively collect in all the disciplines involved in courses and research on the Arctic.

Louise M. Richards
Fisheries & Oceanography Liaison Librarian
Assistant Director, Odegaard Undergraduate Library

UWCR
UWCR
Board
member

Posted Yesterday, 8:28 AM

[winquest](https://catalyst.uw.edu/gopost/profile/8812/256226)
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Edit () Quote (<https://catalyst.uw.edu/gopost/conversation/uwcr/812869>) Permalink (<https://catalyst.uw.edu/gopost/conversation/uwcr/812869/post/2801402#2801402>)
Posted Oct 21, 2013 9:55 AM

The proposal is clear and well thought out, especially in its interdisciplinarity. Good to see so many diverse departments and programs brought together through Arctic Studies and JSIS.

UWCR
UWCR
Board
owner

Posted Yesterday, 5:11 AM

[jplewis](https://catalyst.uw.edu/gopost/profile/8812/1092520)
(<https://catalyst.uw.edu/gopost/profile/8812/1092520>)
JORDAN P LEWIS

Edit () Quote (<https://catalyst.uw.edu/gopost/conversation/uwcr/812450>) Permalink (<https://catalyst.uw.edu/gopost/conversation/uwcr/812450/post/2799776#2799776>)
Posted Oct 18, 2013 11:54 PM

Good evening,
I am excited to learn of the Arctic Studies Minor and wish it success in its development and implementation. I read through the curriculum documents and have a few comments I would like to share. As a graduate of the Resilience and Adaptation IGERT program at the University of Alaska Fairbanks and as an Alaska Native researcher and professor I noticed a lack of development of indigenous governance and arctic social sciences. As someone who has been actively engaged in arctic social sciences for almost 10 years, I believe this minor could be strengthened with some content on social sciences, health disparities, community and cultural sustainability, and engagement of arctic communities. I am glad to see your network with the UArctic and I believe there are many other organizations, Universities, and programs that could support and strengthen this minor.

One of the main foci of arctic studies is climate change and there has been a shift in research and development to incorporate indigenous knowledge into the studies. I would like to see more input and guidance from indigenous peoples and communities in this program and work collaboratively with indigenous communities to develop relationships and partnerships where this minor would prepare students to work collaboratively with these communities to develop solutions grounded in the environment and culture of the regions.

I have a lot of great ideas I would be happy to share, as well as have some great connections in Alaska that may be of support as you develop this program.

I want to thank you for this opportunity to share my comments and thoughts.

Respectfully,

Jordan

Jordan Lewis, CPG, MSW, PhD (Aleut)
Assistant Professor
University of Washington School of Social Work
Indigenous Wellness Research Institute
Mail: Box 354900, Seattle, WA 98105-6299
Street: 4101 15th Avenue NE Seattle, WA 98105-6299
(206) 685-2910 Fax 206.221.3910

ip Lewis@uw.edu (<mailto:ip Lewis@uw.edu>)
www.socialwork.uw.edu (<http://www.socialwork.uw.edu/>)

barnesk *Posted Yesterday, 11:41 AM*

**KRISTI
LARA
ROUNDTREE**

The Arctic minor is well thought out and serves a growing global need. Students will benefit greatly from the interdisciplinary/cross-college design and the quality of the courses involved. I look forward to being a part of this exciting initiative.

Kristi Roundtree
Associate Director
East Asia Center

sromaine *Posted Yesterday, 3:04 PM*

**SION
ROMAINE**

I fully support (and applaud) this interdisciplinary proposal. As noted above, the Libraries holds many print and online materials related to all aspects of Arctic, Northern and Polar Studies.

Sion Romaine
Acquisitions Librarian / Canadian Studies Librarian
University Libraries

Undergraduate Curriculum Review Process for New > Seattle: Minor in Arctic Studies (ARCTIC-20130510)

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UNIVERSITY CAMPUSES UNDERGRADUATE PROGRAM REVIEW PROCEDURES**
CHECKLIST

Title of Proposal: Minor in Arctic Studies (ARCTIC-20130510)

Proposed by (unit name): College of Arts and Sciences & College of the
Environment

Originating Campus:

☒ UW, Seattle

☐ UW, Bothell

☐ UW, Tacoma

I. Phase I. Developed Proposal Review (to be completed by Originating Campus' Academic Program Review body)

A. Review Completed by: (list name of program review body)

Chaired by:

10/11/13 Date proposal received by originating campus's review body

10/14/13 Date proposal sent to University Registrar

10/15/13 Date proposal posted & email sent to standard notification list

11/22/13 Date of originating campus's curriculum body approval

(Note: this date must be 15 business days or more following date of posting)

B. 32 Number of comments received. Attach the comments and a summary of the
consideration and responses thereof : (1-2 paragraphs)

II. Phase II. Final Proposal Review (to be completed by FCTCP)

A. Review Completed by:

☒ FCTCP subcommittee

☐ FCTCP full council

Chaired by: William Erdly

11/28/13 Date request for review received from University Registrar

01/22/14 Date of FCTCP report

B. Review (attached)

YES NO

- ☒ Was notice of proposal posted on UW Website for 15 business days?
☒ Was notice of proposal sent to standard mailing list 15 business days in advance of academic program review?
☒ Were comments received by academic program review body?
☒ Was response to comments appropriate? (explain, if necessary)
☒ Was final proposal reviewed by FCTCP within 14 days of receipt?

Delay during Finals/Holiday break.

- ☒ Was there adherence to the University Campuses Undergraduate Program Review Process? (explain, if necessary)

C. Recommendation

- ☒ Forward for final approval
☐ Forward to Provost because of University issues (Explain)
☐ Return to campus council because of insufficient review (Explain).

**Endorsed by Faculty Senate Executive Committee, 1/10/05, modified 1/31/06; These procedures apply to new undergraduate degrees, majors, minors (and certificates) and substantive changes to same