

FORMAT 1

Submit original with signatures + 1 copy + electronic copy to Faculty Senate (Box 7500).

See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/> for a complete description of the rules governing curriculum & course changes.

TRIAL COURSE OR NEW COURSE PROPOSAL
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SUBMITTED BY:

Department	Fisheries Division	College/School	Fisheries & Ocean Sciences
Prepared by	Gordon H. Kruse	Phone	907-796-5458
Email Contact	gordon.kruse@alaska.edu	Faculty Contact	Gordon H. Kruse

1. ACTION DESIRED*(CHECK ONE):*

Trial Course

New Course

X

2. COURSE IDENTIFICATION:

Dept

FISH

Course #

681

No. of Credits

2

Justify upper/lower division status & number of credits:

This class meets intensively for two weeks during the summer; hence, it is two credits. It is a graduate-level course because it is oriented toward graduate students who have diverse backgrounds plus a course in fishery management. Students will apply their diverse backgrounds to study the process by which fisheries are managed in Alaska.

3. PROPOSED COURSE TITLE:**The North Pacific Fishery Management Council: A Case Study****4. To be CROSS LISTED?***YES/NO***NO**

If yes, Dept:

Course #

NOTE: Cross-listing requires approval of both departments and deans involved. Add lines at end of form for additional required signatures.

5. To be STACKED?*YES/NO***NO**

If yes, Dept:

Course #

How will the two course levels differ from each other? How will each be taught at the appropriate level?:

Stacked course applications are reviewed by the (Undergraduate) Curricular Review Committee and by the Graduate Academic and Advising Committee. Creating two different syllabi—undergraduate and graduate versions—will help emphasize the different qualities of what are supposed to be two different courses. The committees will determine: 1) whether the two versions are sufficiently different (i.e. is there undergraduate and graduate level content being offered); 2) are undergraduates being overtaxed?; 3) are graduate students being undertaxed? In this context, the committees are looking out for the interests of the students taking the course. Typically, if either committee has qualms, they both do. More info online – see URL at top of this page.

6. FREQUENCY OF OFFERING:**Summer**

Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) —
or As Demand Warrants

7. SEMESTER & YEAR OF FIRST OFFERING (AY2013-14 if approved by 3/1/2013; otherwise AY2014-15)

AY2014-15: Summer (May-June) 2015

8. COURSE FORMAT:

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, **any core course compressed to less than six weeks must be approved by the Core Review Committee.**

COURSE FORMAT: (check all that apply)	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6 weeks to full semester
OTHER FORMAT (specify)						
Mode of delivery (specify lecture, field trips, labs, etc)	Lecture plus practicum (field trips, stakeholder discussions, NPFMC meeting attendance)					

9. CONTACT HOURS PER WEEK:	13.34	LECTURE hours/weeks	<input type="checkbox"/>	LAB hours /week	20	PRACTICUM hours /week
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Note: # of credits are based on contact hours. 800 minutes of lecture=1 credit. 2400 minutes of lab in a science course=1 credit. 1600 minutes in non-science lab=1 credit. 2400-4800 minutes of practicum=1 credit. 2400-8000 minutes of internship=1 credit. This must match with the syllabus. See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/guidelines-for-computing-/> for more information on number of credits.

OTHER HOURS (specify type)	
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10. COMPLETE CATALOG DESCRIPTION including dept., number, title, credits, credit distribution, cross-listings and/or stacking (50 words or less if possible):

Example of a complete description:

FISH F487 W, O Fisheries Management

3 Credits Offered Spring

Theory and practice of fisheries management, with an emphasis on strategies utilized for the management of freshwater and marine fisheries. *Prerequisites: COMM F131X or COMM F141X; ENGL F111X; ENGL F211X or ENGL F213X; ENGL F414; FISH F425; or permission of instructor.* Cross-listed with NRM F487. (3+0)

FISH 681 The North Pacific Fishery Management Council: A Case Study
2 Credits Offered Summer
This 2-week intensive course provides immersion into the scientific and policy basis for fisheries management in Alaska. Students receive two 6-hr 40-min days of classroom instruction, review current management issues, and witness the decision-making process by attending a North Pacific Fishery Management Council Meeting. Learning is enhanced by discussions with diverse stakeholders and field trips. <i>Prerequisites: permission of the instructors.</i> (1, 0, 1)

11. COURSE CLASSIFICATIONS: Undergraduate courses only. Consult with CLA Curriculum Council to apply S or H classification appropriately; otherwise leave fields blank.

H = Humanities	<input type="checkbox"/>	S = Social Sciences	<input type="checkbox"/>
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Will this course be used to fulfill a requirement for the baccalaureate core? If YES, attach form.	YES:	<input type="checkbox"/>	NO:	<input type="checkbox"/>
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IF YES, check which core requirements it could be used to fulfill:

O = Oral Intensive, Format 6	<input type="checkbox"/>	W = Writing Intensive, Format 7	<input type="checkbox"/>	X = Baccalaureate Core	<input type="checkbox"/>
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11.A Is course content related to northern, arctic or circumpolar studies? If yes, a "snowflake" symbol will

be added in the printed Catalog, and flagged in Banner.

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
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12. COURSE REPEATABILITY:

Is this course repeatable for credit?	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
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Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).

How many times may the course be repeated for credit?

TIMES

If the course can be repeated for credit, what is the maximum number of credit hours that may be earned for this course?

CREDITS

If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?

CREDITS

13. GRADING SYSTEM: *Specify only one. Note: Changing the grading system for a course later on constitutes a Major Course Change – Format 2 form.*

LETTER:	<input type="checkbox"/>	PASS/FAIL:	<input checked="" type="checkbox"/>
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RESTRICTIONS ON ENROLLMENT (if any)

14. PREREQUISITES

Permission of the instructors

These will be *required* before the student is allowed to enroll in the course.

15. SPECIAL RESTRICTIONS, CONDITIONS

Students must attend the course in person. Distance delivery is not offered. Travel and lodging may be required.

16. PROPOSED COURSE FEES

\$0

Has a memo been submitted through your dean to the Provost for fee approval?

Yes/No

17. PREVIOUS HISTORY

Has the course been offered as special topics or trial course previously?

Yes/No

Yes

If yes, give semester, year, course #, etc.:

Summer 2010 (as FISH 693), Summer 2012 and 2013 (as FISH 695)

18. ESTIMATED IMPACT

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

Students will be required to cover travel costs associated with attending the course. Faculty time associated with this course is reflected in annual workload assignments.

19. LIBRARY COLLECTIONS

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.

No	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Contacted in 2010. No Change. No library materials required.
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20. IMPACTS ON PROGRAMS/DEPTS

What programs/departments will be affected by this proposed action?

Include information on the Programs/Departments contacted (e.g., email, memo)

No other programs or departments will be impacted by this course.

21. POSITIVE AND NEGATIVE IMPACTS

Please specify **positive and negative** impacts on other courses, programs and departments resulting from the proposed action.


The NPFMC meeting is typically held during the first full week of June in an Alaskan location (e.g., Sitka, Kodiak, Nome, Juneau) that varies annually; the classroom portion of the class is held in Juneau on Thursday and Friday of the previous week. This course provides a unique opportunity for students interested in fisheries management to participate in a Council meeting, engaging with stakeholders and observing the decision-making process. Because there is no overlap in content between this course and others, this course will not negatively affect other courses or programs. Rather, it will complement other management courses offered by the department (such as FISH 487 Fisheries Management and FISH 640 Management of Renewable Marine Resources).


JUSTIFICATION FOR ACTION REQUESTED

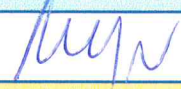
The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. Use as much space as needed to fully justify the proposed course.

The North Pacific Fishery Management Council (NPFMC) is one of eight regional councils established by the Magnuson Stevens Fishery Conservation and Management Act. With jurisdiction over the exclusive economic zone (EEZ) off Alaska, the Council has primary responsibility for fisheries management in federal waters off Alaska. The Council is a national leader in integrating science and management. This course provides an immersion into the scientific basis for fishery management decisions made to regulate federal fisheries off the coast of Alaska. The course provides a unique experience particularly feasible during summer owing to the travel requirements.

APPROVALS: Add additional signature lines as needed.

	Date	
Signature, Chair, Program/Department of:		

	Date	9/9/2013
Signature, Chair, College/School Curriculum Council for	SFOS curriculum committee	

	Date	Sept 10, 2013
Signature, Dean, College/School of:	SFOS	

Offerings above the level of approved programs must be approved in advance by the Provost.

	Date	
Signature of Provost (if above level of approved programs)		

ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

	Date	
Signature, Chair		
Faculty Senate Review Committee: <input type="checkbox"/> Curriculum Review <input type="checkbox"/> GAAC		
<input type="checkbox"/> Core Review <input type="checkbox"/> SADAC		


ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)

	Date	
Signature, Chair, Program/Department of:		

	Date	
Signature, Chair, College/School Curriculum Council for		

	Date	
Signature, Dean, College/School of:		

APPROVALS: Add additional signature lines as needed.

	Date	9/3/13
Signature, Chair, Program/Department of: Fisheries/SFOS		

	Date	
Signature, Chair, College/School Curriculum Council for		

	Date	
Signature, Dean, College/School of:		

Offerings above the level of approved programs must be approved in advance by the Provost.

	Date	
Signature of Provost (if above level of approved programs)		

ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

	Date	
Signature, Chair		
Faculty Senate Review Committee: <input type="checkbox"/> Curriculum Review <input type="checkbox"/> GAAC		
<input type="checkbox"/> Core Review <input type="checkbox"/> SADAC		

ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)

	Date	
Signature, Chair, Program/Department of:		

	Date	
Signature, Chair, College/School Curriculum Council for		

	Date	
Signature, Dean, College/School of:		

ATTACH COMPLETE SYLLABUS (as part of this application). This list is online at:

<http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/uaf-syllabus-requirements/>

The Faculty Senate curriculum committees will review the syllabus to ensure that each of the items listed below are included. If items are missing or unclear, the proposed course (or changes to it) may be denied.

SYLLABUS CHECKLIST FOR ALL UAF COURSES

During the first week of class, instructors will distribute a course syllabus. Although modifications may be made throughout the semester, this document will contain the following information (as applicable to the discipline):

1. Course information:

☐ Title, ☐ number, ☐ credits, ☐ prerequisites, ☐ location, ☐ meeting time (make sure that contact hours are in line with credits).

2. Instructor (and if applicable, Teaching Assistant) information:

☐ Name, ☐ office location, ☐ office hours, ☐ telephone, ☐ email address.

3. Course readings/materials:

☐ Course textbook title, ☐ author, ☐ edition/publisher.

☐ Supplementary readings (indicate whether ☐ required or ☐ recommended) and

☐ any supplies required.

4. Course description:

☐ Content of the course and how it fits into the broader curriculum;

☐ Expected proficiencies required to undertake the course, if applicable.

☐ Inclusion of catalog description is *strongly* recommended, and

☐ Description in syllabus must be consistent with catalog course description.

5. ☐ Course Goals (general), and (see #6)

6. ☐ Student Learning Outcomes (more specific)

7. Instructional methods:

☐ Describe the teaching techniques (eg: lecture, case study, small group discussion, private instruction, studio instruction, values clarification, games, journal writing, use of Blackboard, audio/video conferencing, etc.).

8. Course calendar:

☐ A schedule of class topics and assignments must be included. Be specific so that it is clear that the instructor has thought this through and will not be making it up on the fly (e.g. it is not adequate to say "lab". Instead, give each lab a title that describes its content). You may call the outline Tentative or Work in Progress to allow for modifications during the semester.

9. Course policies:

☐ Specify course rules, including your policies on attendance, tardiness, class participation, make-up exams, and plagiarism/academic integrity.

10. Evaluation:

☐ Specify how students will be evaluated, ☐ what factors will be included, ☐ their relative value, and ☐ how they will be tabulated into grades (on a curve, absolute scores, etc.) ☐ Publicize UAF regulations with regard to the grades of "C" and below as applicable to this course. (Not required in the syllabus, but is a convenient way to publicize this.) Link to PDF summary of grading policy for "C":

http://www.uaf.edu/files/uafgov/Info-to-Publicize-C_Grading-Policy-UPDATED-May-2013.pdf

11. Support Services:

☐ Describe the student support services such as tutoring (local and/or regional) appropriate for the course.

12. Disabilities Services: Note that the phone# and location have been **updated**.

<http://www.uaf.edu/disability/> The Office of Disability Services implements the Americans with Disabilities Act (ADA), and ensures that UAF students have equal access to the campus and course materials.

☐ State that you will work with the Office of Disabilities Services (208 WHITAKER BLDG, 474-5655) to provide reasonable accommodation to students with disabilities.

FISH 681: The North Pacific Fishery Management Council: A Case Study, Summer 2015**Course Syllabus****Course number/title:** FISH 681: The North Pacific Fishery Management Council: A Case Study**Credits:** 2.0 Credit (pass/fail)**Prerequisites:** Registration requires permission of the instructors. Recommended courses are: **FISH 418 or FISH 487 or FISH 640 or FISH/MSL/NRM 695—Social, Oceanographic, and Ecological Perspectives in Marine Ecosystems.****Location and meeting time:** Part 1: 8:30 – 11:30 am and 1 – 4:40 pm daily on Thursday and Friday of the week prior to the June NPFMC meeting to be held the Lena Point Fisheries Building in Juneau; Part 2: morning and afternoon practicum sessions during Monday through Friday at the NPFMC meeting for a total of 40 hours of practicum. Students must attend in person both the Juneau classroom portion and the NPFMC meeting portion (Alaska location varies annually). Off-site field trips will be planned within the above noted hours.**Instructors:** Dr. Keith Criddle (Phone: 907-796-5449, Keith.Criddle@alaska.edu) and Gordon H. Kruse (Phone: 907-796-2052; email: Gordon.Kruse@alaska.edu)**Office location and hours:** Gordon Kruse – Lena Point 319, Mondays, 9:00 am – noon; or by appointment; Keith Criddle – Lena Point 203, Mondays, 9:00 am – 1:00 pm; or by appointment**Course readings/materials:** Reading materials will include NPFMC briefing materials on issues, such as Draft Environmental Assessments, Regulatory Impact Reviews, Regulatory Flexibility Analyses, and miscellaneous reports, and federal legislation, including:

- Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA)
- National Environmental Protection Act (NEPA)
- Endangered Species Act (ESA)
- Marine Mammal Protection Act (MMPA)

Reading materials will be made available to the students via Blackboard, Internet links, and photocopied materials. For instance, federal fisheries legislation will be available in Blackboard, and NPFMC documents will be available at the NPFMC website. Some NPFMC documents may be only available in paper format; for those, photocopies will be provided to the students.

Course description: This 2-week intensive course provides immersion into the scientific and policy basis for fisheries management in Alaska. Students receive two 6-hr 40-min days of classroom instruction, review current management issues, and witness the decision-making process by attending a North Pacific Fishery Management Council Meeting. Learning is enhanced by discussions with diverse stakeholders and field trips.**Supplemental course description:** During this course, students will attend a week-long North Pacific Fishery Management Council (NPFMC) meeting during the first full week of June held in a location that varies annually, such as Sitka, Kodiak, Nome, Juneau. Students will observe the deliberations of the Scientific and Statistical Committee, Advisory Panel, and Council. Students will focus on tracking one or more issues through the full council decision-making process. In Juneau during Thursday and Friday of the week preceding the NPFMC meeting, faculty will provide background on issues and lead a directed review of briefing materials, such as Draft Environmental Assessments, Regulatory Impact Reviews, Regulatory Flexibility Analyses, and miscellaneous reports. Instruction will also include presentations and discussions with representatives from management agencies, industry, environmental organizations, and other stakeholder groups. Sessions may include off-campus field trips in Juneau. Therefore, physical attendance is required for both the classroom sessions in Juneau and meeting portions (location TBD) of the class.

The NPFMC is one of eight regional councils established by the Magnuson Stevens Fishery Conservation and

Management Act (MSFCMA). With jurisdiction over the exclusive economic zone (EEZ) off Alaska, the Council has primary responsibility for fisheries management in federal waters of the Gulf of Alaska, Bering Sea, and Aleutian Islands. The Council is a national leader in integrating science and management. This course provides an immersion into the scientific basis for fishery management decisions made to regulate federal fisheries off the coast of Alaska.

Course goals: This course endeavors to enhance the relevancy of SFOS graduate education by creating an awareness of regulations and processes by which fishing management decisions are made in federal waters off the coast of Alaska.

Student learning outcomes: The learning objectives are for students to become fluent on federal laws governing fishery management and the processes by which federal fishery management decisions are made, including the role of stock assessments, biology, economics, and social considerations.

Instructional methods: Class sessions will take two forms: (1) an intensive 2 days of classroom sessions in Juneau during Thursday and Friday of the week prior to the Council meeting, and (2) attendance at a NPFMC meeting (location TBD), typically during the first full week of June. Associated with the class will be discussions with federal fishery managers, scientists and NPFMC staff, representatives from different fishing industry sectors, environmental organizations, and other stakeholders and associated meetings with SSC and NPFMC staff members. Lecture and reading materials will be placed on Blackboard (<http://classes.uaf.edu/>). Students are expected to be conversant on required readings.

Course calendar: The course will cover the following tentative topics in the following draft order:

Day 1 – Goals and structure of Federal fishery management, background on the Council process, Federal fishery management plans (BSAI Crab, Scallops), meet with NMFS fishery managers.

Day 2 – Federal fishery management plans (GOA and BSAI Groundfish, Arctic, Introduction to NPFMC meeting issues, Discussions with former Executive Director of the Atlantic States Marine Fisheries Commission.

Days 3-7 – Attend portions of AP and SSC meetings to follow assigned issues. Meet with stakeholders and agency representatives.

Course policies: Students are expected to attend all class sessions and meetings in person in Juneau. Students are responsible for their own travel, lodging and per diem costs, unless other arrangements have been made. Plagiarism and cheating are grounds for failure.

Evaluation: Students will be graded pass/fail. In order to achieve a passing grade, students must demonstrate their understanding of the materials covered in the class through active participation in class discussion sessions and a written essay. The following is the grading basis for the course:

25%	Active participation in classroom discussion and practicum
75%	Written paper (two parts)
100%	Total Grade

Active participation includes asking multiple questions of the instructors, responding to multiple questions posed by the instructors to the students, and engaging in dialogue during meetings with invited speakers and meetings with fishery stakeholders. During the practicum, the instructors will arrange required meetings for students with multiple stakeholders on each side of the issue during which students are to develop a clear understanding of divergent stakeholder views. Students are expected to actively engage with the stakeholders. Also during the practicum, students are required to attend deliberations by the Scientific and Statistical Committee, Advisory Panel, and Council on each identified issue. Students are also encouraged to attend deliberations on other topics of interest.

The required class paper has two sections. The first part is a short (250-500 word) essay on the NPFMC process. In this essay, the instructors seek a concise and clear description of the North Pacific Fishery Management Council, how it is structured, how it functions, and a personal assessment about how well the process works. For

the second part, students are required to write a discussion paper (no more than 5 pages) on one of two issues that were addressed at the Council meeting. Instructors will identify the two issues, which change each year. For each issue, the instructors will provide documents used by the Council to inform the decision. The discussion paper should demonstrate your understanding of the process and insights into the issue concerning science, economics, and social considerations that underpin the decision process. The paper should demonstrate an understanding gained from reading and understanding the decision documents, meetings with stakeholders, and deliberations by the Council bodies. In writing the discussion paper, students are asked to act as a “peer reviewer” and to discuss the strengths and weaknesses of the process. Further specifics on the discussion paper will be provided by the instructors during the first week of the course. The essay and discussion paper are due two weeks after the last day of the practicum.

The grading scale for the written paper is as follows:

Pass – Active participation in discussions (as described above) and demonstrated comprehension of the complexities of the Council decision documents under consideration, including applicable federal fisheries legislation, problem statement, sufficiency of the alternatives, quality of available data and scientific information to inform the decision, soundness of the fishery analysis including presentation of results, and recommended course of action.

Fail – Lack of understanding of the above.

Fees: There are no course fees. However, travel costs, as well as any potential housing costs in Juneau and the NPFMC meeting location, must be paid by the student, unless other arrangements have been made.

Support services: N/A

Disabilities services: The instructors will work with the UAF Office of Disability Services (208 WHITAKER BLDG, 907-474-5655) to provide reasonable accommodation to students with disabilities.