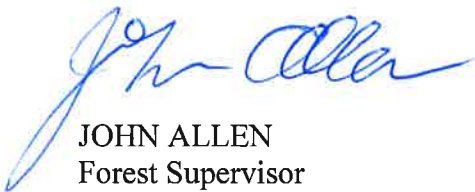


**File Code:** 1800
Route To:**Date:** September 9, 2016**Subject:** Letter of Support**To:** To Whom it May Concern:

On behalf of the Deschutes National Forest, I am writing to offer my support for the proposed Bachelor of Science in Tourism, Recreation, and Adventure Leadership (TRAL). OSU's existing Tourism and Outdoor Leadership, and/or Recreation Resource Management program has provided excellent training for students seeking employment in nature-based tourism and recreation. These domains are growing sectors and comprise an important component of the economy of Oregon and the west. The new classes and revised course content will provide up-to-date material to prepare tomorrow's professionals, solidifying OSU's place as a leader in this field.



JOHN ALLEN
Forest Supervisor

cc: Troy Hall - OSU





Oregon State University

Abbreviated Category I Proposal

Establish; Rename, Reorganize, Suspend, and Terminate

Final Approval: OSU Provost (Exception: Terminations -- final approval is by the OSU Board of Trustees)

[Arial 10 or 12 pt; 1 inch margins; questions in italics or bold; enter "Not Applicable" – where appropriate]

Proposal Title: Merge two BS programs (Tourism & Outdoor Leadership; Recreation Resource Management) into one BS program (Tourism, Recreation, & Adventure Leadership)

College(s) and School(s): Oregon State University College of Forestry and OSU-Cascades

Department(s) or Program: Forest Ecosystems & Society

Proposal Date: August 10, 2016

Proposed Effective Term: Fall 2017

CIP* Number: 31.0101

(Assigned by the Office of Academic Programs, Assessment, and Accreditation)

*U.S. Department of Education: Classification of Instructional Program number

Proposal Type:

_____ **Establish** _____ **Rename** _____ **Suspension**
 _____ **X** **Reorganization** _____ **Termination**
_____ **X** **Other** (Explain) **Merge two BS degree programs**

A. Proposal Purpose / Justification: Describe the reason(s) for the proposal. For name changes, give both the current and proposed names (titles).

Title of proposed degree: Bachelor of Science in Tourism, Recreation, & Adventure Leadership (TRAL)

Names of current degrees: Bachelor of Science in Tourism & Outdoor Leadership;
Bachelor of Science in Recreation Resource Management

Reasons for proposed change:

The B.S. Tourism and Outdoor Leadership (TOL) program, offered at OSU-Cascades, underwent a 10-year review in the spring of 2014. The primary recommendation of the external

review team was to merge TOL with the Corvallis-based Recreation Resource Management (RRM) program. This opportunity is welcomed by the RRM faculty (housed in the Department of Forest Ecosystems and Society (FES) in the College of Forestry), as well as the TOL faculty. The two existing programs have a combined current enrollment of approximately 70 students, down from program highs of approximately 109 in RRM in 1996 and 63 in TOL in 2012/13. Peer programs at other Land Grant universities have enrollments of 150-300 students. Given these data, we see considerable potential for growth.

This merger provides an opportunity to update and revise course offerings and content. With retirement or departure of several RRM faculty and the hiring of new Assistant Professors in the FES Department, the RRM faculty desire to expand the curriculum to encompass a greater focus on tourism and sustainability. Such a focus is very compatible with the TOL emphasis areas. The TRAL program has been revised to eliminate outdated content and incorporate new concepts, skills, and contemporary science findings and management applications.

The new TRAL curriculum will improve opportunities for students to move between campuses more seamlessly and create more efficiency in terms of offering core courses to students at both campuses simultaneously (e.g., through future development of hybrid offerings). It will also reduce confusion about having two different degree programs with considerable commonality. The merger will allow long-term cost savings through consolidation of marketing efforts.

A revitalized and integrated curriculum will position FES and OSU-Cascades to capitalize on and facilitate the contribution of tourism and outdoor recreation to local economies, human health, community well-being, and the sustainable use of natural resources in Oregon and beyond. Tourism is a growing economic sector, with natural resources being an important tourism sector that provides ecosystem services. In addition, there is increasing interest in outdoor recreation as a means to connect the public to natural resources and to achieve positive human health outcomes.¹ These trends create opportunities for student employment and expansion of the College of Forestry and OSU-Cascades stakeholder base.

Integration of these two programs into the new single TRAL program is intended to facilitate:

- Increased student numbers. Recognizing that this major is "discovery" in character, it will benefit from coordinated marketing to prospective students at community colleges and other universities (in addition to traditional high school recruitment). Neither RRM nor TOL has been actively marketed in recent years, and the merged program will be able to take advantage of the Communications and Marketing program in the College of Forestry to develop new, more effective materials and marketing efforts. (See liaison comments from Michael Collins.)
- Faculty and staff collaboration across current programs and campuses. Offering a single degree will create more collective ownership and ensure regular communication across the two campuses.
- Streamlining of advising in the program and across campuses. With a common, more simplified curriculum, advisors will be better able to guide students.
- Curricular streamlining. This will benefit students by eliminating low-enrollment and out-of-date options, ensuring more regular course offerings, and updating learning outcomes and course content. The number of faculty delivering the program (especially at OSU-

¹ Examples at the national level include the America's Great Outdoors initiative (<http://www.doi.gov/americasgreatoutdoors/index.cfm>) and the recognition in the USDA Forest Service's 2015 Sustainable Recreation framework that "the recreation program can significantly contribute to the agency's overall mission. In the most profound sense, we will not achieve the agency's mission without sustainable recreation and tourism."

Cascades) is limited. Therefore, the proposed changes are also intended to benefit the program by lowering the teaching load of TRAL faculty, making more use of courses offered by other units, consolidating one-on-one student advising (e.g., for internships) into classes, and creating opportunities in the future to stream classes (or use other hybrid models) to deliver classes simultaneously across both campuses.

- A more effective process for transfer students to enter into the program and choose the appropriate campus and option.

This proposed program merger was developed collaboratively through an extensive process of self-study and benchmarking with peer institutions. Throughout the process, we held multiple meetings of the entire TOL and RRM faculty, and jointly developed and agreed on the proposed course changes and overall curriculum. The key activities and decisions were:

- We examined the degree requirements and course syllabi from peer programs to review the knowledge, skills, and abilities they incorporate, identify creative approaches to delivery, and assess the depth and rigor of each curriculum. We examined materials from each of these peer university programs:
 - Colorado State University: Natural Resource Tourism, and Human Dimensions of Natural Resources
 - University of Montana: Parks, Tourism, & Recreation Management
 - North Carolina State University: Parks, Recreation & Tourism Management
 - Pennsylvania State University: Recreation, Park, & Tourism Management
 - Texas A&M: Recreation, Park, and Tourism Science
 - University of Georgia: Natural Resource Recreation & Tourism
 - University of Utah: Parks, Recreation & Tourism
 - Utah State University: Recreation Resource Management
 - Ohio University, Recreation and Sport Pedagogy
- We revised all program-wide student learning outcomes (SLOs), as well as outcomes appropriate to each option (described below).
- We identified core knowledge and skills areas required to accomplish SLOs and conducted a mapping process to remove redundancies across classes, better align content within and between classes, and update courses to include new and emerging issues and tools.
- We examined new course offerings that have been developed across OSU since the last program revision and added class choices where appropriate.
- We held a focus group with RRM students to discuss the program and proposed revisions. We also actively engaged undergraduate students in the interview process for hiring of two new Assistant Professors in the FES department.
- College of Forestry Dean Thomas Maness and OSU-Cascades Vice President Becky Johnson signed a MOU in 2015 to approve this merger (see Appendix D).

Summary of the proposed change:

The proposed degree merger includes the following:

- We developed a new common 31-34 credit core curriculum, which will be taken by all students, plus the requirement for students to choose an option. As summarized in Table 1, we moved a few classes from 300- to 400-level (and vice versa) to better acknowledge rigor and sequencing of material; we added a few new classes; we dropped a few classes; and we created new capstone courses.
- We consolidated and refined the total number of options from 9 to 4. Two options will be offered at OSU-Cascades (*Nature, Eco, and Adventure Tourism* [NEAT] and *Adventure Leadership Education* [ALE]) and two will be offered at Corvallis

(*Sustainable Tourism Management* [STM] and *Outdoor Recreation Management* [ORM]). The new options will require 47-71 credits beyond the TRAL core. NEAT and ALE have more credits as a result of requiring an 8-credit internship, 6 credits of skills courses, and various expeditions courses.

- We reduced the total number of required credits in some options. The resulting increase in the total number of free electives will make it easier for transfer students to complete the degree in a timely fashion.
- Students in NEAT and ALE will have a required internship, whereas students in ORM and STM will have a required 6-month, non-credit work experience requirement (as RRM students presently have).
- Change the designator for FES and TOL classes that are part of this major to the TRAL designator.

Category II proposals have been developed and approved for all revised and new course offerings (see Table 1 for a summary of course changes). All of the individual course changes have now been adopted, so the only remaining steps for this degree are to gain approval for the new designator (TRAL) and this Abbreviated Category I proposal.

Table 1. Summary of Approved Changes to Courses to Support the TRAL Degree

Existing Course(s)	New Course(s)	Notes
FES 453 Nature-based Tourism TOL 371 Eco & Adventure Tourism	FES 353 Nature, Eco, & Adventure Tourism	Combined two related classes into a single new class and moved to 300-level. Dropped FES 453 and TOL 371
FES 351 Rec Behavior & Mgt	FES 351 Outdoor Rec Mgt on Public Lands	Revised content & renamed
FES 356 Planning for Rec & Tourism	FES 456 Planning for Sust Rec FES 457 Planning for Sust Tour	Dropped FES 356 and created capstone classes FES 456 (for ORM option) and FES 457 (for STM option).
	TOL 270 Pre-internship seminar	TOL students at Cascades have a required internship. This seminar (required for ALE and NEAT) will lead to more efficient teaching and mentoring.
	TOL 370 Design & Mgt of Outdoor Experiences	Created new course for ALE and NEAT options
	FES 357 Parks & Protected Areas Mgt	Broadens the scope of coverage of protected areas to include other countries and land designations, diversifying the curriculum
	FES 354 Communities, Natural Areas & Sust Tourism	Incorporates new material required in ORM and STM options, as well as service learning.
FES 207 Career Development		Dropped – material now delivered by CoF Student Services and Cascades advisors/mentors
FES 451/551 Hist & Cult Aspects of Rec		Dropped – no longer appropriate for direction of TRAL
TOL 422 Research Methods Soc Sci		Replaced with existing FES 422 Research Methods Soc Sci
FES 492/592 Ecosyst Services & Ecol		Dropped -- no longer appropriate for direction of TRAL

Table 2. Proposal Summary

Merge: BS in Tourism and Outdoor Leadership and BS in Recreation Resource Management

Program Title:

BS in Tourism, Recreation, and Adventure Leadership

- Degree Types: **Bachelor of Science (B.S.)**
- Program Level: **Undergraduate**
- Master of Interdisciplinary Studies (MAIS) Participant: **No**
- Academic Home:
 - Department of Forest Ecosystems and Society**
 - College of Forestry**
- Contacts: **Troy Hall (7-1306; Troy.Hall@oregonstate.edu)**
- Option(s):
 - Undergraduate Option(s):
 - OSU-Main (Corvallis)
 - Outdoor Recreation Management (ORM) [New]
 - Sustainable Tourism Management (STM) [New]
 - OSU-Cascades (Bend)
 - Adventure Leadership Education (ALE) [New]
 - Nature, Eco, and Adventure Tourism (NEAT) [New]
 - Graduate Options: **NA**
- Areas of Concentration: **NA**
- Minors:
 - Undergraduate: **None**
 - Graduate: **NA**
- CPS #: **98569**
<https://secure.oregonstate.edu/ap/cps/proposals/view/98569>
- CIP #: **31.0101** / Title: **Parks, Recreation and Leisure Studies**
- SIS #: **XXX - To be assigned by the Registrar's Office**
- College Code: **05**
- Course Designator: **TRAL (New; conversion from FES and TOL via Category II proposals)**
- Courses: **See proposal for list of required and elective courses**
- Program Total Credit Hours: **Varies by Option**
- Pre-Professional/Professional Model: **No**
- Thesis or Non-Thesis: **NA**
- Delivery Mode(s): **On-Campus (Face-To-Face)**
- Location(s): **OSU-Main (Corvallis) and OSU-Cascades (Bend)**
- Enrollment (Anticipated): **~80+**
- Graduates (Anticipated): **~20+ per year by the fifth year**
- Accreditation: **NA**
- Program Unique to Public Higher Education Institutions in Oregon: **Yes**
- Proposed Effective Term: **Fall Term 2017 (Banner: 201801)**

Embedded Proposals

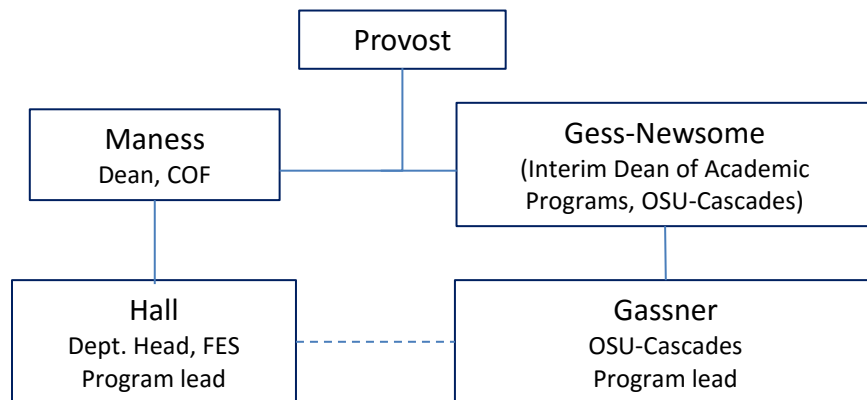
- Establish (New): TRAL Course Designator
- Terminate Degree: BS in Recreation Resource Management (RRM)
- Terminate Option: Cultural Resource Management
- Terminate Option: Environmental Resource Interpretation
- Terminate Option: Law Enforcement
- Terminate Option: Public Policy

- Terminate Option: Resource Planning
- Terminate Degree: BS in Tourism and Outdoor Leadership (TOL)
- Terminate Option: Adventure Leadership and Education
- Terminate Option: Eco and Adventure Tourism
- Terminate Option: International Ecotourism
- Terminate Option: Recreation Management

B. Location: Identify the location of the academic unit or academic program within OSU's organizational structure. If applicable, include "before" and "after" organizational charts (show the reporting lines up to the Provost).

The TRAL degree will lead to no changes in academic location or administration.

Figure 1. Current & Proposed Organizational Chart



C. Objectives, Functions, and Activities: Provide a list of proposed objectives, functions (e.g., instruction, research, public services), and activities of the academic unit(s) or academic program(s).

1. *Explain how the academic unit(s) or academic program(s) current objectives, functions, and/or activities will be changed. Where applicable, address issues such as course offerings, program requirements, admission requirements, student learning outcomes and experiences, and how the advising structure and availability will be changed as a result of this proposal.*

This proposal affects only the instructional mission of the university, insofar as it is a merger of two related existing undergraduate programs.

There are no changes to the following:

- Admissions requirements. The TRAL degree has no special admissions requirements.
- Advising structure or availability. Corvallis students will continue to be advised by College of Forestry advisors, and OSU-Cascades students will continue to be advised by their current OSU-Cascades advisor.
- Program administration. FES Department Head Hall will remain director for the TRAL degree, with Michael Gassner remaining as program lead at OSU-Cascades.

- Functions and activities of academic units. Faculty will continue to offer courses as they have been doing with the RRM and TOL degrees. All new and revised courses are included in faculty position descriptions and part of their current course load assignments.

Appendix E provides a map of where student learning outcomes (SLOs) are addressed and assessed in each class in the TRAL core and options. The common SLOs for all options in the new degree are as follows, and each option has additional SLOs (see below).

TRAL 1: Explain the importance of tourism, recreation, and leadership in natural settings for achieving societal goals, such as community development, human health and quality of life, and sustainable use of natural resources.

TRAL 2: Identify, analyze, and apply the best available information on science, management practices, and public preferences to address contemporary tourism, recreation, and outdoor leadership opportunities and issues in natural settings. In the process:

- i. appropriately apply relevant disciplinary theories;
- ii. demonstrate critical thinking and reasoning;
- iii. explain issues and outcomes across experiential, economic, biophysical, and social dimensions;
- iv. access, analyze, and apply relevant data; and
- v. locate and use expertise and resources provided by resource specialists from different organizations and constituencies.

TRAL 3: Make nature-based tourism, recreation, and outdoor leadership decisions within applicable laws, policies, and regulations, and across cultural and geographical contexts.

TRAL 4: Communicate effectively to a variety of audiences in appropriate formats.

TRAL 5: Work effectively and professionally in groups, both as leaders and followers.

TRAL 6: Understand principles and methods for successful supervision of employees and / or volunteers.

Student learning outcomes for each option are as follows:

- Outdoor Recreation Management (47-54 credits). Designed for students pursuing careers as outdoor recreation planners and managers in public land management agencies and non-profit organizations at local, state, and federal levels. Option-specific student learning outcomes:

- | | |
|-------|--|
| ORM 1 | Explain best practices for planning, developing, and managing recreation resources in natural settings in a manner that: <ol style="list-style-type: none"> a. evaluates interaction with other natural resources and values (e.g., fish and wildlife, water quality, forest health, range, watershed); and b. evaluates the diverse consequences (quantitative and qualitative, direct and indirect, immediate and cumulative) of development, management, and marketing decisions. |
| ORM 2 | Explain land management agency or organization goals, the process for issuing special use permits, and laws relevant to providing outdoor recreation opportunities for diverse stakeholders including the public. |
| ORM 3 | Create monitoring and assessment protocols for recreation resources in natural settings. |
| ORM 4 | Engage respectfully with individuals and groups that may have diverse perspectives and priorities regarding recreation opportunities, and facilitate understanding and conflict resolution across these individuals and groups. |

- Sustainable Tourism Management (54-59). Designed for students pursuing careers as tourism destination planners, developers, and marketers in government, non-profit, or the private sector, in both domestic and international locations (i.e., macro-level tourism).

Option-specific student learning outcomes:

- STM 1 Apply business concepts to the tourism context, including:
 - a. create a business plan for a new tourism-related business or product;
 - b. apply business law principles;
 - c. create a marketing strategy for a tourism-related business or product;
 - d. create and / or interpret financial statements;
 - e. explain land management agency goals and permit processes relevant to tourism-related activities on public land.
- STM 2 Explain best practices for planning, developing, and managing sustainable nature-based tourism in a manner that:
 - a. evaluates the diverse consequences (quantitative and qualitative, direct and indirect, immediate and cumulative) of development, management, and promotion strategies and decisions; and
 - b. applies an understanding of scale and community linkages in both domestic and international tourism.
- STM 3 Create monitoring and assessment protocols for tourism.
- STM 4 Engage respectfully with individuals and groups that may have diverse perspectives and priorities regarding tourism development, and facilitate understanding and conflict resolution across these individuals and groups.

- Nature, Eco- and Adventure Tourism (71 credits). Designed for students pursuing careers as managers or owners and guides in outfitter-guide and other natural resource based commercial recreation businesses (i.e., micro-level tourism). Option-specific student learning outcomes:

- NEAT 1 Apply business concepts to the nature and adventure tourism context. This includes:
 - a. create a business plan for a new business or product;
 - b. create a marketing strategy for a business or product;
 - c. create and / or interpret financial statements;
 - d. explain land management agency goals and permit processes relevant to tourism-related activities on public land; and
 - e. create a risk management plan.
- NEAT 2 Create and refine nature and adventure tourism experiences based on knowledge of trip planning, the psychology of client experiences (including inter-member and member-leader dynamics), and client feedback (qualitative and quantitative).
- NEAT 3 Apply technical skills relevant to backcountry travel and safety.

- Adventure Leadership Education (71 credits). Designed for students pursuing careers as educators, guides and managers/owners in the outdoor and adventure education field. Option-specific student learning outcomes:

- | | |
|-------|---|
| ALE 1 | Develop the knowledge, skills, and dispositions to create, plan, teach, and evaluate a series of progressive water- or land-based educational experiences for self and others (including experiences of multi-week duration) based on knowledge of trip design and planning, the psychology of client experiences (including inter-member and member-leader dynamics), pedagogy, and participant feedback (qualitative and quantitative). |
| ALE 2 | Create a risk management plan for an outdoor / adventure education opportunity. |
| ALE 3 | Demonstrate the ability to teach advanced technical skills relevant to effective and safe expeditionary and wilderness travel on land and/or water environments |
| ALE 4 | Acquire internationally recognized skills and/or teaching certifications in land and/or water disciplines. |
| ALE 5 | Explain land management agency goals and permit processes relevant to outdoor leadership / adventure education activities on public land |

2. *Describe how the reorganized program will be stronger than the existing program.*

We have updated content of courses to use contemporary concepts, theories, and examples. (Some courses had not been updated for many years and were becoming out-of-date.) We created new capstone classes in each option to better integrate material from across the option. The new curriculum capitalizes on the strengths and expertise of existing and new faculty. See Section A for more details.

3. *Explain how the outcomes in the reorganized academic unit(s) or academic program(s) will be assessed.*

The existing TOL and RRM degrees have relied on overall student performance and informal interactions with students to assess learning outcomes. With TRAL, we propose to use an approach where key activities and assignments from individual courses will be used as assessment points. (See Appendix E for the curriculum maps identifying where assessment will occur for each student learning outcome.) Each of these assessments will be guided by a rubric that provides metrics for inadequate, satisfactory, and outstanding performance. In some cases, assessment may rely on quizzes or exams (e.g., TRAL 1 might be assessed by successful performance on an exam that asks for specific examples of the contributions of tourism and recreation to community development or human health). In other cases, the instructor may use a more general, course-wide rubric to assess student performance, as with ALE 3 or STM 4, which are manifest through student behavior across the term, and not any single assignment.

Given the number of SLOs, we propose to assess a one quarter of them each year, so that all SLOs will be assessed by the end of year 4. In year 5, we will reflect on the assessments, hold focus groups with students, and survey employers to identify TRAL's strengths, weaknesses, opportunities, and threats.

In addition to the above direct metrics of assessment, the program leads will hold annual focus groups with TRAL students to discuss the curriculum, student needs, and program strengths and weaknesses. These will be documented in writing, along with specific actions to be taken.

4. *Describe the extent to which affected faculty and staff support this change.*

Program leads Hall and Gassner have been fully engaged in all discussions and curriculum planning. The proposed changes have been unanimously approved by current RRM and TOL faculty and advisors. Associate Dean Rosenberger and Deans Hacker and Gess-Newsome have been consulted at multiple points and support these changes. Senior administrators (Dean Maness and OSU-Cascades Vice President Becky Johnson) signed a MOU of approval for the merger of TOL and RRM in 2015 (Appendix D).

D. Resources: Identify the resources that will either be needed or will be saved. Include information regarding personnel (administrators, faculty, staff, graduate assistants), the FTE change for academic and classified), and facilities/equipment.

1. *Identify the staffing and resource needs for the proposed academic unit(s) or academic program(s). What will be the FTE changes? Note any impact on the budgets of affected academic unit(s) or academic program(s). Provide an analysis of how the resulting academic unit(s) or academic program(s) will be adequately staffed and funded.*

New and existing courses are already built into faculty responsibilities and position descriptions. The TRAL program is based on classroom and field instruction and requires no specialized laboratory facilities, though outdoor equipment is needed. Field equipment needed for instruction is already available to courses presently offered in TOL and RRM, which will be sufficient to support the TRAL degree.

The College of Forestry and OSU-Cascades have dedicated advisors and program leads for the TOL and RRM programs; these individuals will provide the same functions for TRAL. At present, given relatively small enrollments in both degree programs, there is ample capacity to accommodate growth in student numbers.

2. *Complete the OSU budget pages of Recurring, One-Time, and Summary tables. What is the budget impact of the proposal (new funding needs or resources saved)?*

Because there are no impacts to salaries, equipment, supplies, or space, we have chosen not to provide a budget page. The only identified costs of this degree merger will be for marketing, website updates, and some print materials (Table 2). The College of Forestry has already committed to covering these costs. These are one-time expenses and we anticipate that in the long-term, consolidated marketing will result in net savings across the two campuses.

Table 2. Estimated Costs Associated with the TRAL Degree

Item	Estimated cost
Webpage update	\$2000
Marketing	\$5000
Supplies (letterhead)	\$500
Total	\$7500

3. *If new resources will be required (e.g., for new faculty positions, graduate research/teaching assistants, facilities, equipment, etc.), explain where these resources will be coming from. Specify internal reallocation, Ecampus, college, OSU, federal, state, private, other funding sources or combination of funding sources. [Note: College Deans, as well as academic unit or academic*

program administrators will be required to sign a transmittal sheet signifying their approval and commitment to providing the required funding resources for the proposal.]

No new resources will be required other than those listed under #2 above. Please see liaison letter from College of Forestry Marketing and Communications Director Michael Collins pledging to cover those costs through allocation of his existing resources.

E. Mission: Identify the relationship of the proposed change to the academic unit or academic program with OSU's mission.

<http://leadership.oregonstate.edu/trustees/oregon-state-university-mission-statement>

1. *How will the proposed change to the academic unit(s) or academic program(s) support OSU's mission, vision, and goals?*

The TRAL degree aligns well with the mission of OSU as a land-grant institution dedicated to promoting economic, social, cultural, and environmental progress among the citizens of Oregon and the United States. (See F below for more detail.)

After years of growth in enrollments, OSU has shifted its focus to student retention and equalizing student success. Embracing these goals, we have sought to incorporate high-impact educational practices within the TRAL curriculum. For example, the Cascades-based options provide extensive field experiences and an internship, whereas the Corvallis based options require six months of documented work experience. All options involve extensive interaction with stakeholders and communities, and some incorporate service-learning activities.

This degree aligns with the College of Forestry's Enrollment Management Plan, which identifies TRAL as a priority investment for the 2016-2018 period. The existing RRM degree is stronger than other CoF degrees in the representation of veterans, high achieving students, women, and non-resident students, and we anticipate that TRAL will add to this diversity among the college's student body.

See below for specific discussion of alignment with OSU's strategic plan.

2. *Describe the potential positive and negative impacts of the proposed changes on the academic unit(s) and/or academic program(s) involved. Identify other OSU academic units or academic programs which might be affected, and describe the potential positive and negative impact on their mission and activities.*

We anticipate no impacts, positive or negative, on other units or programs, because the coursework in TRAL is quite similar to the existing TOL and RRM degrees, and the primary changes are in courses offered by our own faculty.

F. Strategic Plan: Describe how the proposal will affect the long-range strategic goals and plans for the academic unit(s) or academic program(s). Compare with OSU's current strategic plan and its three signature areas of distinction.

<http://leadership.oregonstate.edu/strategicplan/strategic-plan-phase-iii-2014-2018>

OSU's Strategic Plan 3.0 (2014-2018) states that the university is committed to promoting "economic, social, cultural and environmental progress for the people of Oregon, the nation and the world." The TRAL degree contributes to all three of the signature areas:

- *Advancing the Science of Sustainable Earth Ecosystems.* TRAL students will learn how to plan and manage outdoor recreation and nature-based tourism sustainably.
- *Improving Human Health and Wellness.* Outdoor recreation is a pillar of contemporary efforts to improve the health of American citizens. TRAL students will learn how to deliver engaging outdoor recreation experiences for a variety of audiences.
- *Promoting Economic Growth and Social Progress.* Nature-based, adventure, and eco tourism are important sectors of the Oregon economy and growth areas globally. TRAL students will develop the skills and abilities to plan, market, and deliver these tourism enterprises.

The Institute for Working Forest Landscapes, in the College of Forestry, recognizes the intricate connections between the health of ecosystems and the health and livelihoods of individuals and communities. The Institute provides research, education, and outreach promoting healthy working forests. The TRAL degree will contribute to the Institute's mission by educating students about the role of outdoor recreation, tourism, and leadership in local resource-based communities. Students will learn how to integrate outdoor experiences with other resource uses in a variety of ecosystems and environments.

G. External Impacts: What is the relationship of the proposed academic unit(s) or academic program(s) to other institutions in the Oregon?

1. *What is the current relationship of the proposed academic unit(s) or academic program(s) with other higher education institutions in the Oregon? Describe how this relationship might be altered based on the proposed change.*

The TRAL degree will be a relatively unique program in Oregon. We are aware of only one other similar program, the BS in Outdoor Adventure Leadership at Southern Oregon University. That program is most similar to the proposed ALE option in TRAL (and existing TOL degree).

The current RRM and TOL degree programs draw on relatively large numbers of transfer students from around Oregon and the country. There will be no impact to the relationship of OSU with other higher education institutions in Oregon, other than providing more clarity about the single degree program and alleviating any existing confusion about differences between TOL and RRM.

2. *Describe how the proposed change will affect other constituencies outside of OSU (e.g., federal state, local, private).*

The updated curriculum will provide students who are better prepared to function as employees for federal, state, local, and private land managers, as well as employees and owners in the outfitter-guide community. Although these have been the traditional employers of TOL and RRM students, new courses (such as FES 354, FES 485, and TOL 370) will prepare students for a broader range of employment opportunities, including working with community collaborative organizations, environmental educators, and non-profit land management entities. Additionally, new and revised classes provide enhanced opportunities for students to interact with practicing recreation and tourism providers in the region.

H. Accreditation: If the academic program is professionally accredited, identify the accrediting body and describe how the proposed change may affect accreditation.

Not applicable.

Appendices

A Transmittal Sheet

Attach a transmittal sheet signed by the dean and school/department/program administrator.

B Budget Tables

Attach OSU budget pages; identify new or saved dollars. [Note: all proposals have budgetary impacts, including costs associated with changes to existing signage, letterhead, business cards, web pages, etc.]

Not provided. See text of document for budgetary implications, which are minimal.

C Letters of Support and Liaison Comments

Attach all letters of support and liaison correspondence from individuals who will be, or potentially will be, affected by the proposal. Letters of Support are from sources outside of OSU, while Liaison Comments are from sources internal to OSU.

D Memorandum of Understanding

E Student Learning Outcomes Delivery and Assessment Map for Each Option



College of Forestry – Office of the Dean
Oregon State University, 150 Peavy Hall, Corvallis, OR 97331-5704
Phone 541-737-1585 | Fax 541-737-2906 | www.forestry.oregonstate.edu

January 6, 2015

Thomas Maness, Cheryl Ramberg-Ford and Allyn C. Ford Dean, OSU-College of Forestry
Rebecca L. Johnson, Vice President, OSU-Cascades

MOU between COF and OSU-Cascades

RE: TOL & RRM Curriculum Redesign

A 10-year Academic Program Review was conducted for the Tourism and Outdoor Leadership (TOL) program at the OSU-Cascades Campus in May, 2014. One of the primary recommendations from the Review Team was the merger of the TOL program at OSU-Cascades and the Recreation Resource Management (RRM) program at OSU in Corvallis.

The TOL team (Randy Rosenberger, Troy Hall, Michael Gassner, Kreg Lindberg, and Marla Hacker) thought it best to document and communicate the follow-up plan related to the 10-year review, specific to the curriculum recommendations.

The intent of the follow-up to the 10 year recommendation is to replace TOL and RRM with a new, updated major that has a common core and unique options at each campus. By having a common core, it is hoped that students will be able to transfer between campuses more easily so that they can complete the option that is a best fit for their goals.

This will require a Cat 1 level of effort. Kreg Lindberg will lead the effort. COF will provide Dr. Lindberg with financial support necessary to enable him to do this work. The target is to have the Cat 1 proposal through at least the Heads Meeting, which launches the university approval process, by the end of spring term 2015.



Forestry & Oceanic Business Center
Oregon State University, Corvallis, Oregon 97331-5704

MEMORANDUM FOR THE RECORD

January 20, 2017

FROM: Roger Admiral 
Co-Manager Forestry & Oceanic Business Center

SUBJ: Tourism, Recreation, and Adventure Leadership Degree Proposal

I have reviewed the proposal by the Department of Forest Ecosystems and Society to establish a new BS degree in Tourism, Recreation and Adventure Leadership.

Cost estimates for implementing and continuing this program appear reasonable and accurate. Program instruction, advising and management effort all come from existing faculty and staff, so no new personnel expenses will be required. One time service and supplies expenses for program identity are minimal.



September 6, 2016

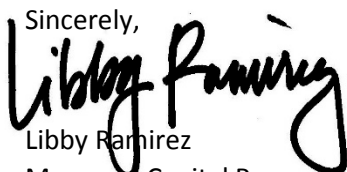
Dr. Troy Hall, Department Head
Forest, Ecosystems and Society
College of Forestry
321 Richardson Hall
Oregon State University
Corvallis, OR 97331

Dear Troy,

We appreciate the opportunity to review the College of Forestry's proposal to establish a new Bachelor of Science program in Tourism, Recreation and Adventure Leadership. Per our review of the documentation provided and discussion, we understand that the program will require no immediate additional space to accommodate new faculty, instructional, research, student support and administrative functions.

Table 1 shows an extensive list of courses that are will be adjusted to support the program. We are assuming that the revised courses will have no impact on space requirements. We are assuming that courses that are listed as new/pending approval will either replace existing courses or will be scheduled into class space that is currently "departmentally managed", and will not impact the schedule of general university classrooms. If this is not the case, we would suggest a review of how the new courses will be scheduled. Given the goal of merger between two existing programs is for potential growth, we would anticipate a review of space needs in the future, and advise that growth for this program be considered in new space planning on both the Corvallis and Bend campuses.

Given that your proposal outlines a strategy for accommodating all of the current space needs within existing space assigned to the College of Forestry, Capital Planning and Development supports this proposal.

Sincerely,

Libby Ramirez
Manager, Capital Programming

Comments from Gary Beach	Responses
<p>Given the complexity of the program, with two options offered at OSU-Main and two options offered at OSU-Cascades, it is recommended that the following notations be added to each course so that it is clear at what location, a particular course will be offered:</p> <p>[A] OSU-Main, Corvallis; [B] OSU-Cascades; [C] Online via Ecampus; [D] Central Oregon Community College</p> <p>I am not sure if the Registrar's Office will allow this code to be entered into the General Catalog, but having this information available either in the Catalog or in a Department maintained advising guide, would be beneficial for students to know.</p>	<p>The [A,B,C] notations have been added to the TRAL Program Requirements document.</p> <p>The notations will probably not be included in the catalog but will be helpful to the reviewers.</p>
<p><u>FES 357 or FES 352</u></p> <p>Observation: For the TRAL major, when there is an "or" (choice of courses), then at least one course needs be available on either campus. FES 357 is only available on the OSU-Main campus, while FES 352 is available on the OSU-Main campus or via online delivery by Ecampus. FES 352 is not available face-to-face on the OSU-Cascades campus.</p> <p>Question: Are all of the core courses going to be offered face-to-face or are some of the courses at OSU-Cascades going to be available either face-to-face or online?</p> <p>Recommendation: Need to indicate in the proposal which courses are going be offered at OSU-Cascades via online delivery by Ecampus rather than face-to-face.</p>	<p>FES 444. Ecological Aspects of Park Management, which is offered at the Cascades campus, has been added as an option to FES 352. Wilderness Management. or FES 357. Parks and Protected Areas Management.</p>
<p><u>FOR 112</u></p> <p><i>Observation:</i> FOR 112 is only available on the OSU-Main campus. It is not available either on the OSU-Cascades campus or online via Ecampus. This course will need to be available to students enrolled at OSU-Cascades. In the proposal, page 4, a statement is made that COCC's CIS 131 Software Applications (4) course may be substituted for FOR 112. However, CIS 131 articulates to OSU as CS LDT Software Applications. Therefore, since COCC's CIS 131 does not articulate to OSU as FOR LDT, then for every student enrolled in the program, someone (advisor, etc.) would manually need to substitute (override) this core course in MyDegrees. Is this correct? Better yet, would be to have FOR 112 taught at OSU Cascades.</p> <p><i>ISSUE:</i> This issue will need to be resolved before this program can be offered at OSU-Cascades.</p>	<p>Advisors for Cascades students will manually apply CIS 131 (CS LDT Software Applications) in MyDegrees when necessary.</p>
<p><u>FOR 255 or FES 493</u></p> <p><i>Observation:</i> Both FOR 255 and FES 493 are available on the OSU-Main campus. However, one of these two courses will need to be offered on the OSU-Cascades campus. FES 493 is only available on the OSU-Main campus or via online delivery by Ecampus. FES 493 is not available face-to-face on the OSU-Cascades campus.</p> <p><i>Question:</i> Are all of the core courses going to be offered face-to-face or are some on the OSU-Cascades available either face-to-face or online.</p> <p><i>Recommendation:</i> Need to indicate in the proposal which courses</p>	<p>FOR 255 is a Central Oregon Community College (COCC) course. OSU does not have a FOR course with that number. Notations have been added to the Program Requirements documents showing where each class is offered.</p>

are going to be offered at OSU-Cascades via online delivery by Ecampus rather than face-to-face.	
<p><u>FOR 460</u></p> <p><i>Observation:</i> FOR 460 is entered twice. It is assumed that this course cannot be used to meet both the Policy/Leadership requirement as well as the Political Science/Law requirement.</p> <p><i>Questions:</i> Is this correct? Should FOR 460 be entered for only one of the two categories? If FOR 460 is a selection for both categories, then should there be a footnote indicating that the course can only be used to meet one of the two categories?</p>	A note has been added at the end of the program requirements for the ORM option and the STM option indicating that FOR 460 can only be counted once and that students need to take a different course to meet the other requirement.
<p><u>OL 294CC</u></p> <p><i>Observation:</i> OL 294CC, a course offered by Central Oregon Community College is not listed in their AY 2016-17 Catalog.</p> <p><i>Recommendation:</i> Determine the current status of this course; i.e., when will this course be approved and available for students to enroll in. This course has been articulated to OSU as TOL LDT, which indicates that this course has been offered in the past.</p>	OL 294CC has been removed from the course lists.
<p><u>OL 294WG</u></p> <p><i>Observation:</i> COCC's OL 294WG has not been articulated to OSU.</p> <p><i>Recommendation:</i> Request that the OSU Office of Admission (send the request to Judy Dahlem) to articulate the following:</p> <p style="padding-left: 40px;">COCC OL 294WG Whitewater Raft Guiding (3)</p> <p style="padding-left: 40px;">to</p> <p style="padding-left: 40px;">OSU TOL LDT Whitewater Raft Guiding (3)</p>	Judy Dahlem was contacted and the articulation of OL 294WG has been successfully reinstated.
<p><u>BA 215</u></p> <p><i>Observation:</i> BA 215 is not available at OSU-Cascades. Since this is a required course of the Nature, Eco, Adventure Tourism option which is only available at OSU-Cascades, then arrangements will need to be made to offer BA 215 to students in Bend or indicate that this course can be satisfied by completing an online version delivered by Ecampus.</p>	BA 215 has been replaced in the NEAT option with COCC course BA 217. Accounting Fundamentals (4)

	TRAL Core			ORM Option			STM Option			NEAT Option			OALP Option	
WR 121 (3)	3	3	ECON 201 (4) or AEC 250 (3)	3	4	ECON 202 (4)	4	4	OL 111 (3)	3		OL 111 (3)	3	
COMM 111 (3) or COMM 114 (3)	3	3	AEC 351 (3) or FES 432 (4)	3	4	NR 201 (3), NR 202 (2), or FOR 111 (3)	2	3	ECON 201 (4)	4		OL 255 (5)	5	
SUS 350 (3)	3	3	ST 202 (4)	4	4	FES 251 (4)	4	4	BA 217 (4)	4		OL 271 (5)	5	
FES 485 (3), ANTH 481 (3), FW 340 (3), FW 350 (3), SOC 481 (4), or WGSS 440 (3)	3	4	NR 201 (3), NR 202 (2), or FOR 111 (3)	2	3	AEC 454 (3) or FES 432 (4)	3	4	BA 260 (4)	4		OL 273 (5)	5	
FES 357 (3) or FES 352 (3) or FES 444 (3)	3	3	FES 251 (4)	4	4	ST 202 (4)	4	4	BA 352 (4)	4		6 credits of OL 294	6	
FOR 255 (3) or FES 493 (4)	3	4	FW 251 (3)	3	3	GEOG 450 (3)	3	3	BA 390 (4)	4		TOL 270 (1)	1	
FES 353 (3)	3	3	FES 485 (3) or FES 360 (3)	3	3	GEOG 452 (3)	3	3	OL 255 (5)	5		TOL 370 (4)	4	
ST 201 (4) or TOL 378 (3)	3	4	FES 240 (4), FES 452 (3), FES 341 (3), or FOR 446 (3)	3	4	GEOG 451 (4)	4	4	TOL 375 (4)	4		TOL 372 (3)	3	
FES 422 (4)	4	4	GEOG 452 (3)	3	3	FES 485 (3) or FES 360 (3)	3	3	OL 271 (5)	5		TOL 373 (4)	4	
FOR 112 (3)	3	3	FES 351 (3)	3	3	FES 457 (4)	4	4	OL 273 (5)	5		TOL 375 (4)	4	
			FES 456 (4)	4	4	FES 354 (3)	3	3	TOL 476 (3)	3		TOL 377 (4)	4	
			FES 354 (3)	3	3	GEOG 360 (4), FE 257 (3), or FW 303 (3)	3	4	TOL 370 (4)	4		TOL 379 (10)	10	
			GEOG 360 (4), FE 257 (3), or FW 303 (3)	3	4	PS 477 (4), FOR 460 (4), AEC 432 (3), TOL 478 (3), or FOR 462 (3)	3	4	TOL 377 (4)	4		TOL 380 (3)	3	
			PS 477 (4), FOR 460 (4), AEC 432 (3), TOL 478 (3), or FOR 462 (3)	3	4	FOR 460 (4), AG 421 (3), ENSC 479 (3), or TOL 375 (4)	3	4	TOL 479 (3)	3		TOL 410 (8)	8	
			FOR 460 (4), AG 421 (3), ENSC 479 (3), or TOL 375 (4)	3	4	BA 260 (4)	4	4	TOL 270 (1)	1		TOL 476 (3)	3	
						BA 432 (4)	4	4	TOL 410 (8)	8		TOL 479 (3)	3	
									6 credits of OL 294	6				
Low High			Low High			Low High			Total			Total		
31 34			47 54			54 59			71			71		



Oregon

Kate Brown, Governor

Parks and Recreation Department

Headquarters

725 Summer St NE Ste C

Salem, OR 97301-1266

(503) 986-0980

Fax (503) 986-0794

www.oregonstateparks.org



September 13, 2016

To whom it may concern:

I am writing to offer Oregon Parks and Recreation Department (OPRD) support for the proposed Bachelor of Science in Tourism, Recreation, and Adventure Leadership (TRAL). OSU's existing Tourism and Outdoor Leadership and Recreation Resource Management programs have provided excellent training for students seeking employment in nature-based tourism and recreation. These domains are growing sectors and comprise an important component of the economy of Oregon and the west. The new classes and revised course content will provide up-to-date material to prepare tomorrow's professionals, solidifying OSU's place as a leader in this field.

My work on statewide outdoor recreation and state park system planning has been greatly enhanced by professional services provided by researchers from the Tourism and Outdoor Leadership and the Recreation Resource Management programs. On a regular basis, I employ graduate students from these programs to assist with ongoing survey projects. The skills they acquire in these programs are directly applicable current projects underway in our agency.

Sincerely,

Terry Bergerson
Outdoor Recreation Planner
Oregon Parks and Recreation Department



Tourism, Recreation, and Adventure Leadership

Budget Document

New and existing courses are already built into faculty responsibilities and position descriptions. The TRAL program is based on classroom and field instruction and requires no specialized laboratory facilities, though outdoor equipment is needed. Field equipment needed for instruction is already available to courses presently offered in TOL and RRM, which will be sufficient to support the TRAL degree.

The College of Forestry and OSU-Cascades have dedicated advisors and program leads for the TOL and RRM programs; these individuals will provide the same functions for TRAL. At present, given relatively small enrollments in both degree programs, there is ample capacity to accommodate growth in student numbers.

Because there are no impacts to salaries, equipment, supplies, or space, we have chosen not to provide a budget page. The only identified costs of this degree merger will be for marketing, website updates, and some print materials (Table 2). The College of Forestry has already committed to covering these costs. These are one-time expenses and we anticipate that in the long-term, consolidated marketing will result in net savings across the two campuses.

Estimated Costs Associated with the TRAL Degree

Item	Estimated cost
Webpage update	\$2000
Marketing	\$5000
Supplies (letterhead)	\$500
Total	\$7500

No new resources will be required other than those listed in the table above. Please see liaison letter from College of Forestry Marketing and Communications Director Michael Collins pledging to cover those costs through allocation of his existing resources.

Proposal for BS in Tourism, Recreation, and Adventure Leadership

Executive Summary

The B.S. in Tourism and Outdoor Leadership (TOL) program, offered at OSU-Cascades, underwent a 10-year review in the spring of 2014. The primary recommendation of the external review team was to merge TOL with the Corvallis-based Recreation Resource Management (RRM) program. This opportunity is supported by the RRM faculty (housed in the Department of Forest Ecosystems and Society (FES) in the College of Forestry), as well as the TOL faculty. The two existing programs have a combined current enrollment of approximately 70 students, down from program highs of approximately 109 in RRM in 1996 and 63 in TOL in 2012/13. Peer programs at other Land Grant universities have enrollments of 150-300 students. Given these data, we see considerable potential for growth with a merged and improved curriculum.

This merger provides an opportunity to update and revise course offerings and content. With retirement or departure of several RRM faculty and the hiring of new Assistant Professors in the FES Department, the RRM faculty desire to expand the curriculum to encompass a greater focus on tourism and sustainability. Such a focus is very compatible with the TOL emphasis areas. The TRAL program revises the RRM and TOL curricula to eliminate outdated content and incorporate new concepts, skills, and contemporary science findings and management applications. Impacts of this merger on other programs are minimal, as most changes affect courses taught by current RRM and TOL faculty. There are no impacts on space or library resources, and budget impacts are minimal.

The new TRAL curriculum will improve opportunities for students to move between campuses more seamlessly and create more efficiency in terms of offering core courses to students at both campuses simultaneously (e.g., through future development of hybrid offerings). It will also reduce confusion about having two different degree programs with considerable commonality. The merger will allow long-term cost savings through consolidation of marketing efforts.

A revitalized and integrated curriculum will position FES and OSU-Cascades to capitalize on and facilitate the contribution of tourism and outdoor recreation to local economies, human health, community well-being, and the sustainable use of natural resources in Oregon and beyond. Tourism is a growing economic sector, with natural resources being an important tourism sector that provides ecosystem services. In addition, there is increasing interest in outdoor recreation as a means to connect the public to natural resources and to achieve positive human health outcomes. These trends create opportunities for student employment and expansion of the College of Forestry and OSU-Cascades stakeholder base.

This proposed program merger was developed collaboratively through an extensive process of self-study and benchmarking with peer institutions. Throughout the process, we held multiple meetings of the entire TOL and RRM faculty, and jointly developed and agreed on the proposed course changes and overall curriculum.

The proposal drops a small number of courses from the program, adds a small number of new classes (taught by our existing faculty), adds some additional course choices, and reduces the number of

options to four (two at OSU-Cascades and two in Corvallis). Cat II proposals have been developed and approved for all revised and new course offerings. All of the individual course changes have now been adopted, so the only remaining steps for this degree are to gain approval for the new designator (TRAL) and this abbreviated Cat I proposal.

Tourism, Recreation, and Adventure Leadership

Faculty List

(Faculty CVs will be available upon request.)

Corvallis

1. Troy Hall, Ph.D.
Professorial Rank: Professor, FES Department Head
Area of Involvement: Program Lead – Corvallis
2. Matt Betts, Ph.D.
Professorial Rank: Associate Professor
Area of Involvement: Instructor for FES 452 “Biodiversity Conservation in Managed Forests”
3. Ashley D’Antonio, Ph.D.
Professorial Rank: Assistant Professor
Area of Involvement: Instructor for FES 456 “Planning for Sustainable Recreation,” FES 351 “Outdoor Recreation Management on Public Lands,” and FES 357 “Parks and Protected Areas Management”; member of TRAL curriculum committee.
4. Reem Hajjar, Ph.D.
Professorial Rank: Assistant Professor
Area of Involvement: Instructor for NR 201 “Managing Natural Resources for the Future” (Corvallis campus) and FES 422 “Research Methods in Social Science.”
5. Barb Lachenbruch, Ph.D.
Professorial Rank: Professor
Area of Involvement: Instructor for FES 240 “Forest Biology”
6. Ian Munanura, Ph.D.
Professorial Rank: Assistant Professor
Area of Involvement: Instructor for FES 354 “Communities, Natural Areas, and Sustainable Tourism” and FES 457 “Planning for Sustainable Tourism”; member of TRAL curriculum committee.
7. Mark Needham, Ph.D.
Professorial Rank: Associate Professor
Area of Involvement: Instructor for FES 251 “Recreation Resource Mgmt” and FES 353 “Nature, Eco, and Adventure Tourism” (Corvallis campus); member of TRAL curriculum committee.
8. Matt Powers, Ph.D.
Professorial Rank: Instructor
Area of Involvement: Instructor for FES 341 “Forest Ecology”

9. Randy Rosenberger, Ph.D.
Professorial Rank: Professor, Associate Dean, College of Forestry
Area of Involvement: Member of TRAL curriculum committee.
10. Bruce Shindler, Ph.D.
Professorial Rank: Professor Emeritus
Area of Involvement: Instructor for FES 485 "Consensus and Natural Resources"
11. Dave Stemper, M.S.
Professorial Rank: Instructor
Area of Involvement: Instructor for FES 352 "Wilderness Management", FES 493 "Environmental Interpretation", and NR 201 "Managing Natural Resources for the Future" (Ecampus)
12. Dana Warren, Ph.D.
Professorial Rank: Assistant Professor
Area of Involvement: Instructor for NR 202 "Natural Resource Problems and Solutions"

Bend

1. Michael Gassner, Ph.D.
Professorial Rank: Senior Instructor I
Area of Involvement: Program Lead (Bend campus), Instructor for TOL 372 "Ethics and Adventure Leadership", TOL 373 "Wilderness and Adventure Education", TOL 375 "Experiential Education", TOL 377 "Expeditions", TOL 379 "Expeditions II-Land", TOL 380 "Expeditions II-Water", TOL 410 "Internship", TOL 476 "Risk Management in Tourism and Outdoor Leadership", and TOL 479 "Nature and the Human Experience"
2. Kreg Lindberg, Ph.D.
Professorial Rank: Associate Professor
Area of Involvement: Instructor for FES 353 "Nature, Eco, and Adventure Tourism" (Cascades Campus) and TOL 378 "Tourism and Recreation Data Analysis"; member of TRAL curriculum committee.
3. Lisa Seales,
Professorial Rank: Instructor
Area of Involvement: Instructor for FES 360 "Collaboration and Conflict Management" (Cascades campus)
4. Matt, Shinderman
Professorial Rank: Senior Instructor 1
Area of Involvement: Instructor for FES 444 "Ecological Aspects of Park Management"



Proposal Transmittal Sheet

Full Category I and Abbreviated Category I Proposals

Submit proposals to: Office of Academic Programs, Assessment, and Accreditation
314 Waldo Hall – Oregon State University

Attach Transmittal Sheet; Proposal; Library Evaluation (performed by the Library for Full Category I proposals), Letters of Support (external to OSU); Liaison Correspondence (internal to OSU), External Review (new graduate program proposals), and Budget Information (both OSU and HECC budget sheets for Full Category I proposals and OSU budget sheets for Abbreviated Category I proposals)

Full Category I Proposals: New Programs

Final Approval--for new degrees, extension to OSU's branch campus, and substantive changes:
Higher Education Coordinating Commission (HECC)

Final Approval-- for new certificate programs: OSU Provost

Check one:

- ☐ New Degree Program
- ☐ New Certificate Program
- ☐ Extend Program to OSU Branch Campus
- ☐ Substantive Change

Abbreviated Category I Proposals: Other Proposals

Final Approval--for new academic units, renames, reorganizations, and, suspensions: OSU Provost

Final Approval-- for terminations: OSU Board of Trustees

Check one:

- ☐ Establish: new college, school, department or program
- ☐ Rename: change the name of an existing academic program or academic unit
- ☒ Reorganization: move the responsibility of an academic program from one academic unit to another; reorganize existing academic unit(s), including mergers and splits
- ☐ Suspension (or Reactivation): suspend an academic program (maximum period: three years)
- ☐ Termination: terminate an academic program or academic unit

Title of Proposal:

Proposed Effective Term:

Merge two BS programs (Tourism & Outdoor Leadership; Recreation Resource Management) into one BS program (Tourism, Recreation, & Adventure Leadership)

Fall 2017

School/Department/Program:

College:

Forest Ecosystems & Society

Forestry

I certify that the above proposal has been reviewed by the appropriate Program, Department, School, and College administrators and committees. I approve this proposal.


Sign (Department/School Chair/Head; Director) Date

10-5-16

Troy E. Hall, Department Head

Print (Chair/Head; Director)


Sign (College Dean) Date

10/5/16

for

Thomas Maness, Dean

Print (College Dean)

**OSU Libraries
Collection Development**

Library Evaluation for Category I Proposal

Bachelor of Science Program in Tourism, Recreation, and Adventure Leadership (TRAL)
Title of Proposal

Forest Ecosystems and Society
Department

Forestry
College

The subject librarian responsible for collection development in the pertinent curricular area has assessed whether the existing library collections and services can support the proposal. Based on this review, the subject librarian concludes that present collections and services are:

- ☐ inadequate to support the proposal (see budget needs below)
☐ marginally adequate to support the proposal
☒ adequate to support the proposal

Estimated funding needed to upgrade collections or services to support the proposal (details are attached)

Year 1:

Ongoing (annual):

Comments and Recommendations:

Date Received: 08/05/2016

Date Completed: 08/25/2016

Laurel Kristick
Collection Assessment Librarian

Laurel Kristick
Signature

Kerri Goergen-Doll
Head of Collections & Resource Sharing

Kerri Goergen-Doll
Signature

8/31/14
Date

Faye A. Chadwell
Donald and Delpha Campbell
University Librarian and
OSU Press Director

Signature

Date

Oregon State University Libraries Evaluation of the Collection supporting a Proposal for a Bachelor of Science Program in Tourism, Recreation, and Adventure Leadership (TRAL)

This Oregon State University Libraries and Press (OSULP) assessment reviews the print monographic, e-book, and electronic serials collections as related to the information needed to support the proposed program. This proposed program combines two existing majors (Recreation Resource Management and Tourism and Outdoor Leadership) into one major: Tourism, Recreation, and Adventure Leadership (TRAL).

Summary of Recommendations

OSU Libraries and Press (OSULP) is already supporting the two majors, with Recreation Resource Management being supported by the Valley Library and the Tourism and Outdoor Leadership degree being supported by the OSU Cascades Library.

For this proposed combined major, we have evaluated the monographs, databases, and journals data. The OSULP library collection is adequate to support this proposed program.

Print Monographs and E-Books

The Valley Library currently has 5,250 print monographs on TRAL topics and OSU Cascades Library has 387 print monographs. This is adequate to support the program.

OSU is well served by the OSULP investment in the Orbis/Cascades Alliance, whose combined collection is substantial. Students and faculty can order from the collections of all the libraries in the Orbis Cascade Alliance through the Summit catalog. Books requested through Summit are delivered to OSUL within three to five working days.

The OSULP has added a significant number of electronic books (e-books) in the past few years, and currently has 1,940 e-books on TRAL topics. These resources are available to all students and faculty, independent of their location.

The growing availability of e-books makes it possible to expedite access to more information from various locations. This obviously better serves our distance learners and is a convenience for our on-campus students and faculty. Users have access to most titles at any time through their computers, tablets and mobile devices. Many of these titles are available through our patron driven acquisition (PDA) programs, which provides access to thousands of titles, but titles are only purchased only after they have demonstrated ongoing usage (3-4 uses per title).

Serials/Journals

The OSULP maintain a satisfactory collection of journals appropriate to support the TRAL program. There is concern that with regular price increases to our licenses and a flat budget that access may be eroded over time. There are 44 journals in the Journal Citation Reports under the subject category Hospitality, Leisure, Sport & Tourism. However, many of these are not relevant to this program. Other outdoor recreation titles were added to the list, for a total of 22

core journals. OSULP has current access to 14 of them (64%), and historical access to 3 titles. This is adequate to support the proposed program.

Table 1 – Core TRAL Journals

Journal title	Journal Impact Factor	OSU holdings
Annals of tourism research	2.275	1995-present
Asia pacific journal of tourism research	1.29	1996-present
Current issues in tourism	1.733	N/A
International journal of tourism research	1.095	N/A
Journal of adventure education and outdoor learning		2001-present
Journal of destination marketing & management	1.034	2012-present
Journal of hospitality & tourism research	1.54	1999-present
Journal of hospitality, leisure, sport, & tourism education	0.375	2012-present
Journal of leisure research	0.688	1993-present
Journal of outdoor recreation and tourism		2013-present
Journal of outdoor recreation, education, and leadership		2009-present
Journal of sustainable tourism	2.48	1997-present
Journal of tourism and cultural change	0.474	N/A
Journal of travel & tourism marketing	1.741	1992-1996
Journal of travel research	2.905	1999-present
Leisure sciences	0.967	1997-present
Leisure studies	1.057	1982-1996
Scandinavian journal of hospitality and tourism	0.518	N/A
Tourism economics	0.392	2010-present
Tourism geographies	1.235	2005-2009
Tourism management	3.14	1995-present
Tourist studies	0.667	2001-present

In the past 5 years, there have been fewer than 2 Interlibrary Loan (ILL) requests per year for the journal *Leisure Studies* and no ILL requests for the other titles that OSUL has historical or no access to. OSULP will be monitoring usage of ILL to determine if there are sufficient requests to justify licensing of additional content.

Indexes and Databases

OSULP subscribes to several databases that support this major.

Databases	Coverage	Notes
Hospitality, Tourism and Leisure Collection	1980-present	Includes full text travel guides, blogs, newsletters, magazines and journals, including 128 peer-reviewed journals.
Academic Search Premier	1975-present	Full text for 4,600 scholarly publications, including over 3,500 peer-reviewed journals in all subject areas.
Business Source Premier	1886-present	Full text for 3,300 journals, including over 1,000 peer-reviewed journals.
Social Sciences in Forestry	1985-present	Indexes journal articles, books, conference proceedings, and government documents for 41 subject areas relating the social sciences to forestry, including Outdoor Recreation
Trail Planning, Construction, and Maintenance	1984-present	Indexes publications related to the planning, design construction, and maintenance of all types of trails. Includes trail use studies.
Web of Science	1965-present	Interdisciplinary index database for thousands of scholarly journals, covering arts & humanities, social sciences, and sciences.

Key Library Services & Librarian Expertise

The Primary Contact for the College of Forestry is Steve Van Tuyl. Primary Contacts serve as the major contact for faculty, staff and students, monitors trends in curriculum and research, attends relevant college, departmental and program events to gain insight, and identifies how OSULP expertise and resources can be most effectively used. They promote OSULP expertise and collaborate with the Expert Leads to integrate and leverage that expertise throughout the

OSU Community. The OSU Cascades librarian is Sara Q. Thompson, who supports the faculty and students at OSU Cascades campus.

The OSULP collection is built by the Collections Council. Providing access to items not owned by OSULP is the domain of the Interlibrary Loan and Summit staff both at OSULP and at lending libraries. Print articles located in the OSU Libraries collections may be requested via the Scan and Deliver service, which provides PDFs of the requested articles. Additional services for students include the physical attributes of the libraries including excellent computer facilities, study areas for individual and group work, and practice rooms for students.

Respectfully submitted,
Laurel Kristick
Collection Assessment and Science Librarian
August 25, 2016

Tourism, Recreation, and Adventure Leadership Core (TRAL)

COMM 111. *Public Speaking (3) [A,B]
or COMM 114. *Argument and Critical Discourse (3) [A]
FES 353. Nature, Eco, and Adventure Tourism (3) [A,B]
FES 357. Parks and Protected Areas Management (3) [A]
or FES 352. Wilderness Management (3) [A,C]
or FES 444. Ecological Aspects of park Management (3) [B]
FES 422. Research Methods in Social Science (4) [A,B,C]
FES 485. *Consensus and Natural Resources (3) [A,C]
or ANTH 481. *Natural Resources and Community Values (3) [A,C]
or FW 340. *Multicultural Perspectives in Natural Resources (3) [A,B,C]
or FW 350. *Endangered Species, Society and Sustainability (3) [A,B,C]
or SOC 481. *Society and Natural Resources (4) [A,C]
or WGSS 440. *Women and Natural Resources (3) [A,C]
FOR 112. Computing Applications in Forestry (3) [A]
FOR 255. Resource Interpretation (3) [D]
or FES 493. Environmental Interpretation (4) [A,C]
SUS 350. *Sustainable Communities (3) [A,B,C]
ST 201. Principles of Statistics (4) [A,C]
or TOL 378. Tourism and Recreation Data Analysis (3) [B]
WR 121. *English Composition (3) [A,B,C]

Total=31-34

Plus additional Bacc Core courses not covered by Core or Option requirements.

A: OSU-Main (Corvallis)
B: OSU-Cascades (Bend)
C: Online via Ecampus
D: Central Oregon Community College

*Baccalaureate Core Course (BCC)

Outdoor Recreation Management Option (ORM) – [OSU-Main Campus Only]

Designed for students pursuing careers as outdoor recreation planners and managers in public land management agencies and non-profit organizations at local, state, and federal levels.

AEC 351. *Natural Resource Economics and Policy (3) [A,B,C]
or FES 432. Economics of Recreation and Tourism (3) [A,C]
ECON 201. *Introduction to Microeconomics (4) [A,B,C]
or AEC 250. *Introduction to Environmental Economics and Policy (3) [A,C]
FES 240. *Forest Biology (4) [A,C]
or FES 452. Biodiversity Conservation in Managed Forests (3) [A,C]
or FES 341. Forest Ecology (3) [A,B]
or FOR 446. Wildland Fire Ecology (3) [A,B]
FES 251. Recreation Resource Management (4) [A,C]
FES 351. Outdoor Recreation Management on Public Lands (3) [A]
FES 354. Communities, Natural Areas, and Sustainable Tourism (3) [A]
FES 456. Planning for Sustainable Recreation (4) [A]
FES 485. *Consensus and Natural Resources (3) [A,C]
or FES 360. Collaboration and Conflict Management (3) [A,B,C]
FOR 460. ^Forest Policy (4) [A]
or AG 421. ^Leadership Development (3) [A,C]
or ENSC 479. *^Environmental Case Studies (3) [A,B,C]
or TOL 375. ^Experiential Education (4) [B]
FW 251. Principles of Fish and Wildlife Conservation (3) [A,B,C]
GEOG 360. GIScience I: Geographic Information Systems and Theory (4) [A,C]
or FE 257. GIS and Forest Engineering Applications (3)
or FW 303. Survey of Geographic Information Systems in Natural Resource (3)
GEOG 452. Sustainable Site Planning (3) [A,C]
NR 201. Managing Natural Resources for the Future (3) [A,C]
or NR 202. Natural Resource Problems and Solutions (2) [A]
or FOR 111. Introduction to Forestry (3) [A,C]
PS 477. International Environmental Politics and Policy (4) [A,C]
or AEC 432. Environmental Law (4) [A,C]
or FOR 460. ^Forest Policy (4) [A]
or FOR 462. Natural Resource Policy and Law (3) [A]
or TOL 478. Legal Issues in Tourism and Outdoor Leadership (3) [B]
ST 202. Principles of Statistics (4) [A,C]

Total=47-54

Plus additional free electives if necessary to meet university requirement of 180 minimum credits.

Note: FOR 460 is listed in two places but may be counted only once. If selected to meet one requirement then a different class must be selected to meet the other requirement.

A: OSU-Main (Corvallis)

B: OSU-Cascades (Bend)

C: Online via Ecampus

D: Central Oregon Community College

*Baccalaureate Core Course (BCC)

^Writing Intensive Course (WIC)

Sustainable Tourism Management Option (STM) – [OSU Main Campus Only]

Designed for students pursuing careers as tourism destination planners, developers, and marketers in government, non-profit, or the private sector, in both domestic and international locations (i.e., macro-level tourism).

AEC 454. Rural Development Economics and Policy (3) [A,C]
or FES 432. Economics of Recreation and Tourism (3) [A,C]
BA 260 Introduction to Entrepreneurship (4) [A,B,C]
BA 432 Environmental Law, Sustainability, and Business (4) [A,C]
ECON 202. *Introduction to Macroeconomics (4) [A,B,C]
FES 251. Recreation Resource Management (4) [A,B]
FES 354. Communities, Natural Areas, and Sustainable Tourism (3) [A]
FES 457. Planning for Sustainable Tourism (4) [A]
FES 485. Consensus and Natural Resources (3) [A,C]
or FES 360. Collaboration and Conflict Management (3) [A,B,C]
FOR 460. ^Forest Policy (4) [A]
or AG 421. ^Leadership Development (3) [A,C]
or ENSC 479. *^Environmental Case Studies (3) [A,B,C]
or TOL 375. ^Experiential Education (4) [B]
GEOG 360. GIScience I: Geographic Information Systems and Theory (4) [A,C]
or FE 257. GIS and Forest Engineering Applications (3) [A,C]
or FW 303. Survey of Geographic Information Systems in Natural Resource (3) [A,C]
GEOG 450. Land Use in the American West (3) [A]
GEOG 451. Planning Principles and Practices for Resilient Communities (4) [A,C]
GEOG 452. Sustainable Site Planning (3) [A,C]
NR 201. Managing Natural Resources for the Future (3) [A,C]
or NR 202. Natural Resource Problems and Solutions (2) [A]
or FOR 111. Introduction to Forestry (3) [A,C]
PS 477. International Environmental Politics and Policy (4) [A,C]
or AEC 432. Environmental Law (4) [A,C]
or FOR 460. ^Forest Policy (4) [A]
or FOR 462. Natural Resource Policy and Law (3) [A]
or TOL 478. Legal Issues in Tourism and Outdoor Leadership (3) [B]
ST 202. Principles of Statistics (4) [A,C]

Total=54-59

Plus additional free electives if necessary to meet university requirement of 180 minimum credits.

Note: FOR 460 is listed in two places but may be counted only once. If selected to meet one requirement then a different class must be selected to meet the other requirement.

A: OSU-Main (Corvallis)

B: OSU-Cascades (Bend)

C: Online via Ecampus

D: Central Oregon Community College

*Baccalaureate Core Course (BCC)

^Writing Intensive Course (WIC)

Nature, Eco and Adventure Tourism Option (NEAT) – [OSU Cascades Only]

Designed for students pursuing careers as managers or owners and guides in outfitter-guide and other natural resource based commercial recreation businesses (i.e., micro-level tourism).

This option is available only at the Cascades Campus.

These courses will be taken at Central Oregon Community College (COCC):

BA 217. Accounting Fundamentals (4)

OL 111. Introduction to Outdoor Leadership (3)

OL 255. Outdoor Living Skills (5)

OL 271. Facilitating Group Experiences (5)

OL 273. Outdoor Recreation Leadership (5)

6 credits of skills (choose 2 courses from below):

OL 294AC. Alpine Climbing (3)

OL 294RC. Teaching Rock Climbing (3)

OL 294WG. Whitewater Raft Guiding (3)

Students planning to transfer from the Corvallis campus to OSU-Cascades for the Nature, Eco and Adventure Tourism Option can utilize 6 credits of KIN or PAC courses in Backcountry Leadership, Land or Water Based Teaching Techniques, or Challenge Course Activities.

These courses will be taken at OSU-Cascades:

BA 260. Introduction to Entrepreneurship (4) [A,B,C]

BA 352. Managing Individual and Team Performance (4) [A,B,c]

BA 390. Marketing (4) [A,B,C]

ECON 201. *Introduction to Microeconomics (4) [A,B,C]

TOL 270. Pre-Internship Seminar (1) [B]

TOL 370. Design and Management of Outdoor Experiences (4) [B]

TOL 375. ^Experiential Education (4) [B]

TOL 377. Expeditions I (4) [B]

TOL 410. Internship (8) [B]

TOL 476. Risk Management in Tourism and Outdoor Leadership (3) [B]

TOL 479. *Nature and the Human Experience (3) [B]

Total=71

Plus additional free electives if necessary to meet university requirement of 180 minimum credits.

A: OSU-Main (Corvallis)

B: OSU-Cascades (Bend)

C: Online via Ecampus

D: Central Oregon Community College

*Baccalaureate Core Course (BCC)

^Writing Intensive Course (WIC)

Adventure Leadership Education Option (ALE) – [OSU Cascades Only]

Designed for students pursuing careers as educators, guides and managers/owners in the outdoor and adventure education field.

This option is available only at the Cascades Campus.

The Central Oregon Community College (COCC) class CIS 131. Software Applications (4) may be substituted for the FOR 112 requirement in the TRAL Core.

These courses will be taken at COCC:

OL 111. Introduction to Outdoor Leadership (3)

OL 255. Outdoor Living Skills (5)

OL 271. Facilitating Group Experiences (5)

OL 273. Outdoor Recreation Leadership (5)

6 credits of skills (choose 2 courses from below):

OL 294AC. Alpine Climbing (3)

OL 294RC. Teaching Rock Climbing (3)

OL 294WG. Whitewater Raft Guiding (3)

Students planning to transfer from the Corvallis campus to OSU-Cascades for the Nature, Eco and Adventure Tourism Option can utilize 6 credits of KIN or PAC courses in Backcountry Leadership, Land or Water Based Teaching Techniques, or Challenge Course Activities.

These courses will be taken at OSU-Cascades:

TOL 270. Pre-internship Seminar (1) [B]

TOL 370. Design and Management of Outdoor Experiences (4) [B]

TOL 372. Ethics and Adventure Leadership (3) [B]

TOL 373. Wilderness and Adventure Education (4) [B]

TOL 375. ^Experiential Education (4) [B]

TOL 377. Expeditions I (4) [B]

TOL 379. Expeditions II-Land (10) [B]

TOL 380. Expeditions II-Water (3) [B]

TOL 410. Internship (8) [B]

TOL 476. Risk Management in Tourism and Outdoor Leadership (3) [B]

TOL 479. *Nature and the Human Experience (3) [B]

Total=71

Plus additional free electives if necessary to meet university requirement of 180 minimum credits.

A: OSU-Main (Corvallis)

B: OSU-Cascades (Bend)

C: Online via Ecampus

D: Central Oregon Community College

*Baccalaureate Core Course (BCC)

^Writing Intensive Course (WIC)

STUDENT LEARNING OUTCOMES

Tourism, Recreation, and Adventure Leadership Core

- TRAL 1 Explain the importance of tourism and recreation in natural settings for achieving societal goals, such as community development, human health and quality of life, and sustainable use of natural resources.
- TRAL 2 Identify, analyze, and apply the best available information on science, management practices, and public preferences to address contemporary tourism, recreation, and outdoor leadership opportunities and issues. In the process:
- a. appropriately apply relevant disciplinary theories; b. demonstrate critical thinking & reasoning; c. explain issues and outcomes across experiential, economic, biophysical, and social dimensions; d. access, analyze and apply relevant data; and e. locate and use expertise and resources provided by resource specialists from different organizations and constituencies
- TRAL 3 Make tourism, recreation, and outdoor leadership decisions within applicable laws, policies, and regulations and across cultural and national contexts.
- TRAL 4 Communicate effectively with a variety of audiences in appropriate formats.
- TRAL 5 Work effectively and professionally in groups, both as leaders and followers.
- TRAL 6 Understand principles and methods for successful supervision of employees and/or volunteers

Outdoor Recreation Management Option

- ORM 1 Explain best practices for planning, developing, and managing recreation resources in natural settings in a manner that:
- a. evaluates interaction with other natural resources and values (e.g., fish and wildlife, water quality, forest health, range, and watershed); and b. evaluates the diverse consequences (quantitative and qualitative, direct and indirect, immediate and cumulative) of development, management, and marketing decisions.
- ORM 2 Explain land management agency or organization goals, the process for issuing special use permits, and laws relevant to providing outdoor recreation opportunities for diverse stakeholders and the public
- ORM 3 Create monitoring and assessment protocols for recreation resources in natural settings
- ORM 4 Engage respectfully with individuals and groups that may have diverse perspectives and priorities regarding recreation opportunities; facilitate understanding and conflict resolution across these individuals and groups

Sustainable Tourism Management Option

- STM 1 Apply business concepts to the tourism context, including:
- a. create a business plan for a new business or product; b. apply business law principles; c. create a marketing strategy for a business or product; d. create and / or interpret financial statements; e. explain land management agency goals and permit processes relevant to tourism-related activities on public land
- STM 2 Explain best practices for planning, developing, and managing sustainable nature-based tourism in a manner that:
- a. evaluates the diverse consequences (quantitative and qualitative, direct and indirect, immediate and cumulative) of development, management, and promotion strategies and decisions; and b. applies an understanding of scale and community linkages in both domestic and international tourism.
- STM 3 Create monitoring and assessment protocols for tourism
- STM 4 Engage respectfully with individuals and groups that may have diverse perspectives and priorities regarding tourism development; facilitate understanding and conflict resolution across these individuals and groups

Nature, Eco, and Adventure Tourism Option

- NEAT 1 Apply business concepts to the nature and adventure tourism context. This includes:
- a. create a business plan for a new business or product; b. create a marketing strategy for a business or product; c. create and / or interpret financial statements; d. explain land management agency goals and permit processes relevant to tourism-related activities on public land; and e. create a risk management plan.
- NEAT 2 Create, lead, and refine nature and adventure tourism experiences based on knowledge of trip planning, the psychology of client experiences (including inter-member and member-leader dynamics), and client feedback (qualitative and quantitative).
- NEAT 3 Apply technical skills relevant to backcountry travel and safety.

Adventure Leadership Education Option

- ALE 1 Develop the knowledge, skills, and dispositions to create, plan, teach, and evaluate a series of progressive water- or land-based educational experiences for self and others (including experiences of multi-week duration) based on knowledge of trip design and planning, the psychology of client experiences (including inter-member and member-leader dynamics), education pedagogy, and participant feedback (qualitative and quantitative).
- ALE 2 Create a risk management plan for an outdoor / adventure education opportunity.
- ALE 3 Demonstrate the ability to teach advanced technical skills relevant to effective and safe expeditionary and wilderness travel on land and/or water environments
- ALE 4 Acquire internationally recognized skills and/or teaching certifications in land and/or water disciplines.
- ALE 5 Explain land management agency goals and permit processes relevant to outdoor leadership / adventure education activities on public land

Outdoor Recreation Management Courses													
Courses													
BC =			Student Learning Outcomes (xx = major emphasis; x = minor emphasis; A = assessment activity/assignment)										
Bacc Core	Cr		TRAL 1	TRAL 2	TRAL 3	TRAL 4	TRAL 5	TRAL 6	ORM 1	ORM 2	ORM 3	ORM 4	
		TRAL degree core											
BC	3	WR 121 English Composition				xx							
BC	3	COMM 111 Public Speaking or COMM 114 Argument and Critical Discourse				xx						x	
BC	3	SUS 350 Sustainable Communities	xx	x	x				x				
BC	3 or 4	FES 485 Consensus and NR (3 cr) or ANTH 481 NR and Community Values (3 cr) or FW 340 Multicultural Perspectives in NR (3 cr) or FW 350 Endangered Species, Society, and Sustainability (3 cr) or SOC 481 (4 cr) Society and NR or WGSS 440 Women and NR (3 cr)			x	x	x					xxA	
	3	FES 357 Parks and Protected Area Management or FES 352 Wilderness Management or FES 444 Ecological Aspects of Park Management	x		x			xxA	x	x	x		
	3 or 4	FOR 255 Resource Interpretation (COCC; 3 cr) or FES 493 Environmental Interpretation (4 cr)				xxA						x	
	3	FES 353 Nature, Eco, and Adventure Tourism	xxA		x				xxA	x			
	3 or 4	ST 201 Principles of Statistics (4 cr) or TOL 378 Tourism & Rec Data Analysis (3 cr)		xx									
	4	FES 422 Research Methods in Social Science		xxA							xxA		
	3	FOR 112 Computing Applications in Forestry		xx									
		ORM Option											
BC	3 or 4	ECON 201 Introduction to Microeconomics (4) or AEC 250 Intro to Environmental Economics and Policy (3)		x									
	3 or 4	AEC 351 NR Econ & Policy (3 cr) or FES 432 Economics of Recreation and Tourism Resources (4 cr)	x	x					x				
	4	ST 202 Principles of Statistics		xx					x		x		
	2 or 3	NR 201 Managing Natural Resources for the Future (3 cr) or NR 202 Natural Resource Problems & Solutions (2 cr) or FOR 111 Intro to Forestry (3 cr)	x		x		x					x	
	4	FES 251 Recreation Resource Management	xxA	xx					xxA	x			
	3	FW 251 Principles of Fish and Wildlife Conservation		x					x				
	3	FES 485 Consensus and Natural Resources or FES 360 Collaboration and Conflict Management				xxA	xxA					xxA	
	3 or 4	FES 240 Forest Biology (4; BC) or FES 452 Biodiversity Conservation in Managed Forests (3) or FES 341 Forest Ecology (3) or FOR 446 Wildland Fire Ecology (3)		xx					x				
	3	GEOG 452 Sustainable Site Planning		x	x				x		x		
	3	FES 351 Outdoor Recreation Management on Public Lands	x	xxA				xxA	xx	xxA	x		
	4	FES 456 Planning for Sustainable Recreation	x	xxA	x				xxA	x			
	3	FES 354 Communities, Natural Areas, and Sustainable Tourism	xx	x	x	x	x	x	xx			x	
	3 or 4	GEOG 360 GI Systems & Theory (4 cr) or FE 257 GIS and Forest Engineering Applications (3 cr) or FW 303 Survey of GIS in NR (3 cr)		x							x		
	3 or 4	PS 477 International Environmental Politics and Policy (4 cr) or FOR 460 Forest Policy (4 cr; WIC) or AEC 432 Environmental Law (3 cr) or TOL 478 Legal Issues in TOL (3 cr) or FOR 462 Natural Resource Policy & Law (3 cr)	x		xxA				x	x			
	3 or 4	WIC Course: FOR 460 Forest Policy (4 cr) or AG 421 Leadership Development (3 cr) or ENSC 479 Environmental Case Studies (3 cr) or TOL 375 Experiential Education (4 cr)				xxA							

Sustainable Tourism Management Courses												
Courses												
BC =			Student Learning Outcomes (xx = major emphasis; x = minor emphasis; A = assessment activity/assignment)									
Bacc Co	Cr		TRAL 1	TRAL 2	TRAL 3	TRAL 4	TRAL 5	TRAL 6	STM 1	STM 2	STM 3	STM 4
		TRAL degree core										
BC	3	WR 121 English Composition				xx			x			
BC	3	COMM 111 Public Speaking or COMM 114 Argument and Critical Discourse		x		xx						x
BC	3	SUS 350 Sustainable Communities	xx		x					x		
BC	3-4	FES 485 Consensus and NR (3 cr) or ANTH 481 NR and Community Values (3 cr) or FW 340 Multicultural Perspectives in NR (3 cr) or FW 350 Endangered Species, Society, and Sustainability (3 cr) or SOC 481 (4 cr) Society and NR or WGSS 440 Women and NR (3 cr)			x	x	x					xxA
	3	FES 357 Parks and Protected Area Management or FES 352 Wilderness Management or FES 444 Ecological Aspects of Park Management	x		x			xxA	x	x	x	
	3-4	FOR 255 Resource Interpretation (COCC; 3 cr) or FES 493 Environmental Interpretation (4 cr)				xxA						x
	3	FES 353 Nature, Eco, and Adventure Tourism	xxA		x				x	xx		
	3-4	ST 201 Principles of Statistics (4 cr) or TOL 378 Tourism & Rec Data Analysis (3 cr)		xx								
	4	FES 422 Research Methods in Social Science		xxA						x	xxA	
	3	FOR 112 Computing Applications in Forestry		xx								
		STM option										
BC	4	ECON 202 Introduction to Macroeconomics		x					x			
	2 or 3	NR 201 Managing Natural Resources for the Future (3 cr) or NR 202 Natural Resource Problems & Solutions (2 cr) or FOR 111 Intro to Forestry (3 cr)	x		x		x			x		x
	4	FES 251 Recreation Resource Management	xxA	xx						x		
	3 or 4	AEC 454 Rural Devel Econ & Policy (3 cr) or FES 432 Economics of Recreation and Tourism Resources (4 cr)	x	x					x	x		
	4	ST 202 Principles of Statistics		xx							x	
	3	GEOG 450 Land Use in the American West	x	x								
	3	GEOG 452 Sustainable Site Planning		xx	x					x	x	
	4	GEOG 451 Planning Principles and Practices for Resilient Communities		xx	x					xxA		
	3	FES 485 Consensus and Natural Resources or FES 360 Collaboration and Conflict Management				xxA	xxA					xxA
	4	FES 457 Planning for Sustainable Tourism	x	xxA	x				x	xxA		
	3	FES 354 Communities, Natural Areas, and Sustainable Tourism	xx	x	x	x	x			xxA		x
	3 or 4	GEOG 360 GI Systems & Theory (4 cr) or FE 257 GIS and Forest Engineering Applications (3 cr) or FW 303 Survey of GIS in NR (3 cr)		x							x	
	3 or 4	PS 477 International Environmental Politics and Policy (4 cr) or FOR 460 Forest Policy (4 cr; WIC) or AEC 432 Environmental Law (3 cr) or TOL 478 Legal Issues in TOL (3 cr) or FOR 462 Natural Resource Policy & Law (3 cr)	x		xxA							
	3 or 4	WIC Course: FOR 460 Forest Policy (4 cr) or AG 421 Leadership Development (3 cr) or ENSC 479 Environmental Case Studies (3 cr) or TOL 375 Experiential Education (4 cr)				xxA						
	4	BA 260 Introduction to Entrepreneurship							xxA			
	4	BA 432 Environmental Law, Sustainability, & Business			xx				xxA			



ACCESSIBILITY

New Program Proposal (Degree or Certificate)

Guidelines for Addressing Accessibility

Sections 503 and 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990 (ADA), as amended by the ADA Amendments Act of 2008 prohibits discrimination on the basis of disability. The Rehabilitation Act and the ADA require that no qualified person shall, solely by reason of disability, be denied access to, participation in, or the benefits of, any program or activity operated by the University. Each qualified person shall receive the reasonable accommodations needed to ensure equal access to employment, educational opportunities, programs, and activities in the most integrated setting feasible.

*For questions and assistance with addressing access, please contact:
the Office of Disability and Access Services (737-4098), or
the Office of Affirmative Action and Equal Opportunity (737-3556).*

Title of Proposal:

Date:

Merge TOL and RRM into TRAL

8-5-16

School/Department/Program:

College:

College of Forestry / FES + OSU - Cascades

- ☒ Accessibility (<http://oregonstate.edu/accessibility/policies>)
- ☒ Faculty Guidelines (<http://ds.oregonstate.edu/facultyguidelines>)
- ☒ Information Technology Guidelines (<http://oregonstate.edu/accessibility/ITpolicy>)

By signing this form, we affirm that at we have reviewed the listed documents and will apply a good faith effort to ensure accessibility in curricular design, delivery, and supporting information.

Troy E Hall
Sign (School/Department/Program Director/Chair/Head)

Troy E Hall
Print (School/Department/Program Director/Chair/Head)

8-5-16
Date



College of Forestry

Oregon State University, 150 Peavy Hall, Corvallis, Oregon 97331-2212

T 541-737-2004 | <http://forestry.oregonstate.edu>

To: Provost's Council and Higher Education Coordinating Commission

Re: Tourism, Recreation, and Adventure Leadership – Program marketing

To Whom It May Concern:

The new Tourism, Recreation, and Adventure Leadership degree provides a great opportunity to market the program to potential students who are interested in becoming leaders in promoting personal well-being and creating business opportunities. The College plans on committing significant time and financial resources as we promote this new program through personal, print, digital, and mass media channels. Examples include the creation of new print and web materials as well as funding to support a paid, digital advertising campaign.

Sincerely,

Michael Collins

Director of Marketing and Communications

College of Forestry

Oregon State University