I. Course Information:

Meeting Section 001 – M 1:30-2:20 pm (AGH 009)
Day/Time/Location: Section 002 – W 1:30-2:20 pm (AGH 009)
              Section 003 – F 1:30-2:20 pm (AGH 009)

Instructor: Dr. Scott Loss
Email: scott.loss@okstate.edu
Office Phone: 405-744-4607
Office Hours: Wednesdays 12-1 pm or by appointment
Office Location: AGH 544

II. Course Materials:

There is no text book for the course. We will read from a combination of journal articles and other relevant science, conservation, management, and policy materials. All reading materials will be posted to the course Brightspace page.

III. Course Description:

Understanding the implications of a changing world is necessary for student success in all aspects of Natural Resource Ecology and Management. Because climate change is arguably the greatest human-related challenge affecting natural resource management and conservation now and into the future, much of the class will focus on the ecological impacts and management of climate change. However, global change also consists of other impacts that humans have on earth’s species, ecosystems, and landscapes (e.g., land use and land cover change, invasion of non-native species, pollution, emergence of infectious diseases that affect plants, animals, and humans, etc.).

This class will provide scientific evidence related to the causes and potential consequences of global change with a focus on interactions between climate change and other types of global changes (e.g., how will climate change influence biological invasions?). Students will collaboratively learn about human impacts on the environment, predictions of global change impacts on species, communities, and ecosystems, and approaches to managing natural resources under the uncertainty of a changing planet.
IV. Course Objectives:

1. Upon course completion, students will be able understand, apply, and analyze the following concepts and to understand and apply management approaches related to global change:
   - Climate change is arguably the greatest and most complex natural resource management challenge of our time, yet global change is more than just climate change; it also includes among other things: land use changes, invasions of non-native species, pollution, and infectious disease emergence. Many of these components of global change interact and feedback on one another.
   - Although climate change has occurred for the entire existence of the earth; current climate change is unprecedented in its rate and is also different from previous change in that it is human-caused and it threatens the stability of human societies and natural systems on an unprecedented scale.
   - Adaptation to climate change and other types of global change will require adjustments to current paradigms of resource management, including explicit consideration of uncertainty about the future and revisiting and revising current goals, objectives, and approaches in light of future changes.
   - Public policy is critical to solving the problems associated with climate change and other global changes. Existing policies may need to be adapted and new policies will need to be developed.

2. Students will gain exposure to modern/emerging studies of global change causes, impacts, and interactions through weekly student-led discussions of peer-reviewed journal publications and real-world natural resource management plans that include climate change adaptation and management strategies. Therefore another primary learning objective will be to learn how to read, understand, and apply, the information presented in a variety of scientific and conservation management-related publications.

V. Teaching Approach:

The course will be taught at the senior level with the expectation that students have already learned much about natural resource ecology and management in previous courses, and thus will be able to apply this expertise and skillset to the future challenges associated with human-caused global change. The course will start with several lectures on the basics of climate change to ensure a common knowledge and background on this topic. The remainder of the course will consist of discussion of current topics relevant to the components, causes, and consequences of climate change and other types of global change. The discussions will be largely student led; except for the first few discussion periods, I will assign 2-4 students to collaboratively lead each discussion. The goal of the course will be to prepare students to think flexibly and creatively about how global change influences management of natural resources.
VI. Assignments

1) **Article responses:** Each week we will discuss the motivations, methods, results, and implications of recent papers about global change. Before most discussions, students will submit a response consisting of: (1) a 1-paragraph summary of the assigned paper *(in the student's own words, not just a re-wording of the paper's abstract)*, (2) a 1 or 2 paragraph reflection on how the material in the paper applies to natural resource ecology and management in at least one way, and (3) at least two thoughtful discussion questions regarding the assigned paper (questions may be used as part of the week’s in-class discussion and therefore should be “discussion-starter” questions, not just questions asking for factual information or clarification of the paper). The length of the response (not including questions) should be around 1-1.5 pages with double-spaced 12 point font and 1-inch margins.

Responses will be graded on a 10-point scale based on: (1) completeness in addressing all three of the above requirements, (2) accuracy of the article summary, (3) the level of thought/insight put into considering applications of the reading’s subject matter to natural resource ecology and management, (4) consideration of the available scientific evidence when stating opinions and personal conclusions, and (5) the level of insight and curiosity displayed by the discussion questions. Because the response assignment is designed to give students a chance to develop their ideas and to ensure they come to class prepared to discuss the paper, a failure to turn in a response *by the beginning of the week’s class period* will result in zero credit. Responses turned in late will be proportionally reduced by 20% for every day they are late (i.e., a response turned in ≥5 days late automatically receives a 0% score).

2) **Student-led Discussions:** Each student will get a chance to co-lead one of the weekly paper discussions with 1 or more fellow students; the schedule of and expectations for student-led discussions will be provided prior to the first student-led discussion.

3) **Final Group Presentation:** Near the end of the semester, students will be assigned into groups (these will be different groups than assigned for the student led discussions). At the end of the semester, each group will make a presentation giving a detailed example of how an agency (municipal, state, tribal, or federal), corporation, or non-profit/non-government organization is incorporating climate change into their activities. The focus of the presentation should be on the conservation and natural resource management implications of the activity, even if the institution chosen is a corporation. For example, Coca-Cola is taking a variety of actions related to managing their supply chain (the sugar cane crop in many tropical parts of the world) to buffer against the impacts of climate change; however, these activities also have ecological benefits and implications. Each presentation will be 10 minutes with 5 minutes for class discussion, and a detailed grading rubric for the presentation will be provided prior to presentations being made.

VII. Evaluation:

**Standards:** Grade structure is A-F. The grade achieved depends on demonstrated level of mastery and understanding of course content.

**Grading scale:**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior, substantial mastery of course content</td>
<td>90% to 100%</td>
</tr>
<tr>
<td>B</td>
<td>Good, excellent understanding of course content</td>
<td>80% to 90%</td>
</tr>
<tr>
<td>C</td>
<td>Average, understands course content</td>
<td>70% to 80%</td>
</tr>
<tr>
<td>D</td>
<td>Minimal, some increased knowledge</td>
<td>60% to 70%</td>
</tr>
<tr>
<td>F</td>
<td>Failing, lack of effort, no change in knowledge</td>
<td>&lt; 60%</td>
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</tbody>
</table>
Components of grade:

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>20%</td>
</tr>
<tr>
<td>Respectful participation and contribution to discussions</td>
<td>25%</td>
</tr>
<tr>
<td>Article responses</td>
<td>25%</td>
</tr>
<tr>
<td>Student Led Discussion</td>
<td>15%</td>
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<tr>
<td>Final Group Presentation</td>
<td>15%</td>
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</tbody>
</table>

Attendance Policy and Other Expectations:

**Attendance and tardiness:** Because this is primarily a discussion course, attendance and on-time arrival to class are critical. After one absence of any type, all absences will result in proportionally reduced attendance scores. This approach recognizes that things come up and that students must occasionally miss class, and it also removes the need for me to make arbitrary decisions about what constitutes an excusable absence.

**Weekly Expectations:** Read the assigned reading, submit your written response prior to the class meeting time, and be prepared for and participate respectfully in class discussions. I will regularly communicate via email (official class communication is via your @okstate.edu account), and all course materials will be posted on the course Brightspace page. All written assignments will be submitted via Dropbox folders on the course Brightspace page. **I expect all students to regularly check university email and use the Brightspace page.**

**Academic Misconduct:** Although I encourage discussion and exchange of ideas among students, plagiarism will not be tolerated. The article responses must be your original writing, and for the group presentation, you must cite references for facts and ideas that are not your own. Formal citations are not required for the article responses, but are allowed. If it is determined that a student has engaged in plagiarism, including copying material from external sources or their fellow students, he or she will at minimum be given a zero score for the assignment and, depending on the infraction, may face additional sanctions (e.g., from the instructor and/or from the University, according to the OSU Student Code of Conduct; for further details see: studentconduct.okstate.edu/code).

**Disabilities or special needs:** Students with disabilities or special needs requiring accommodation are urged to notify the instructor of this circumstance during the first week of class. You should also contact OSU Student Disability Services to ensure accommodations: 405-744-7116 (phone).
### VIII. Course Calendar (I reserve the right to revise the calendar)

<table>
<thead>
<tr>
<th>Week of Class</th>
<th>Day</th>
<th>Topic</th>
<th>Reading/Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jan 17 (W)</td>
<td><strong>No Class Mon, Jan 15th (MLK Day)</strong></td>
<td>- Course syllabus, &amp; brief intro to global change</td>
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<td></td>
<td>Jan 19 (F)</td>
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<td></td>
<td>Jan 22 (M)</td>
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<tr>
<td>2</td>
<td>Jan 24 (W)</td>
<td>Lecture/Discussion:</td>
<td>Read: IPCC “headlines”</td>
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<td></td>
<td>Jan 26 (F)</td>
<td>- Historic, recent, and future climate change</td>
<td><strong>Optional</strong>: Scan Chapters 1-2 in Newman et al. book (pages 1-47)</td>
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<td></td>
<td>Jan 29 (M)</td>
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<tr>
<td>3</td>
<td>Jan 31 (W)</td>
<td>Lecture/Discussion:</td>
<td>Anderegg et al. 2010 – focus on first 2 pages <strong>(response due)</strong></td>
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<tr>
<td></td>
<td>Feb 2 (F)</td>
<td>- Controversies/myths around climate change</td>
<td><strong>Optional</strong>: also read paper’s methods section</td>
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<td></td>
<td>Feb 5 (M)</td>
<td></td>
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<tr>
<td>4</td>
<td>Feb 7 (W)</td>
<td>Lecture/Discussion:</td>
<td>Grimm et al. 2013 <strong>(response due)</strong></td>
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<td></td>
<td>Feb 9 (F)</td>
<td>- Ecological impacts of climate change</td>
<td><strong>Optional</strong>: scan EPA doc for Oklahoma</td>
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<td></td>
<td>Feb 12 (M)</td>
<td>- Climate change issues in Oklahoma</td>
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<tr>
<td>5</td>
<td>Feb 14 (W)</td>
<td>Student Led Discussion:</td>
<td>Highlights of National Fish, Wildlife, and Plants Climate Change Adaptation Strategy <strong>(response due)</strong></td>
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<td></td>
<td>Feb 16 (F)</td>
<td>- Climate Change Adaptation</td>
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<td></td>
<td>Feb 19 (M)</td>
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<tr>
<td>6</td>
<td>Feb 21 (W)</td>
<td>Student Led Discussion:</td>
<td>Loss et al. 2011 <strong>(response due)</strong></td>
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<td></td>
<td>Feb 23 (F)</td>
<td>- Assisted colonization as a conservation method in response to climate change</td>
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<td></td>
<td>Feb 26 (M)</td>
<td></td>
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<tr>
<td>7</td>
<td><strong>Feb 28 (W)</strong></td>
<td><strong>NO CLASS – Dr. Loss Research Travel</strong></td>
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<tr>
<td>8</td>
<td>Mar 5 (M)</td>
<td>Student Led Discussion:</td>
<td>The Audubon Birds and Climate Change Report (pp. 1-15 and 27-34) <strong>(response due)</strong></td>
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<td></td>
<td>Mar 7 (W)</td>
<td>- Managing bird populations under climate change</td>
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<td></td>
<td>Mar 9 (F)</td>
<td>(The Audubon report)</td>
<td></td>
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<td>9</td>
<td>Mar 12 (M)</td>
<td>Student Led Discussion:</td>
<td>Corlett 2015 <strong>(response due)</strong></td>
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<td></td>
<td>Mar 14 (W)</td>
<td>- The Anthropocene concept</td>
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<td></td>
<td>Mar 16 (F)</td>
<td><strong>Assign groups for final presentations</strong></td>
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<td>Mar 19-23</td>
<td><strong>Spring Break</strong></td>
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<tr>
<td>10</td>
<td>Mar 26 (M)</td>
<td>Video/Discussion:</td>
<td>No reading or response due</td>
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<tr>
<td></td>
<td>Mar 28 (W)</td>
<td>- Indigenous perspectives on climate change</td>
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<td>Mar 30 (F)</td>
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<td>11</td>
<td>Apr 2 (M)</td>
<td>Student Led Discussion:</td>
<td>Oklahoma State Wildlife Action Plan <strong>(response due)</strong></td>
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<td></td>
<td>Apr 4 (W)</td>
<td>- Climate change adaptation in state agency resource management plans</td>
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<td>Apr 6 (F)</td>
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<td>12</td>
<td>Apr 9 (M)</td>
<td>Student Led Discussion:</td>
<td>Diez et al. 2013 <strong>(response due)</strong></td>
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<td></td>
<td>Apr 11 (W)</td>
<td>- The interaction between climate change and invasive species</td>
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<td>Apr 13 (F)</td>
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<td>13</td>
<td>Apr 16 (M)</td>
<td>Student Led Discussion:</td>
<td>Reading TBD</td>
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<td></td>
<td>Apr 18 (W)</td>
<td>- Topic TBD</td>
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<td>Apr 20 (F)</td>
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<tr>
<td>14</td>
<td>Apr 23 (M)</td>
<td>Final Projects Due: 3 Group presentations</td>
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<td></td>
<td>Apr 25 (W)</td>
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<td>Apr 27 (F)</td>
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<tr>
<td>15</td>
<td>Apr 30 (M)</td>
<td>Final Projects Due: 3 Group presentations</td>
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<td></td>
<td>May 2 (W)</td>
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<td>May 4 (F)</td>
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<td></td>
<td>May 7-11</td>
<td><strong>FINALS WEEK</strong></td>
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</table>
IMPORTANT DATES

- Last day to add a class (without instructor permission): 1/23/2018
- Last day to add a class with instructor permission: 1/23/2018
- Last day to add a class with advisor permission: 1/26/2018
- Last day to withdraw with a grade: 1/26/2018
- Last day to post 6 week grades: 2/28/2018
- Last day to file diploma application (for name to appear in Fall Commencement program): 4/2/2018
- Last day to withdraw from all OSU classes with an automatic “W” or “F”: 4/27/2018
- Pre-Finals Week: 4/30/2018-5/4/2018
- Final examinations: 5/7/2018-5/11/2018
- Final grades due from faculty by noon: 5/16/2018

Note: Outreach, Internet, and short courses have unique drop/add and website deadlines; look up the specific deadlines for these courses on the Short, Internet, and Outreach Class Schedules page of the Registrar’s website http://registrar.okstate.edu/SIO-Schedule.

Fall Semester Holidays
- University Holiday: 1/15/2018
- Students’ Spring Break: 3/19/2018-3/23/2018

DROPPING A COURSE AND WITHDRAWING FROM THE UNIVERSITY, students often confuse these terms. 

Dropping a Course (or courses) may occur during the first twelve weeks of the semester. This means, however, that you are still enrolled in at least one other OSU course. Exceptions to the deadlines above may only be considered by petition due to documented extraordinary circumstances and committee approval. The Retroactive Drop/Withdraw Petition and the Petition for a Refund of Tuition and Fees forms are available on the Registrar’s website http://registrar.okstate.edu/Forms.

Withdrawal from the university means dropping all courses and you are no longer enrolled for the current semester. This may occur until the Friday before pre-finals week. The withdrawal process is initiated with your academic advisor. For additional information and dates, go to: http://academicaffairs.okstate.edu/content/adding-dropping-and-withdrawing-courses.

ALERTS AND RESCHEDULING

If the OSU campus officially closes due to inclement weather or other emergencies, alerts are provided to local news media and posted on the OSU website. Missed exams, classes, or assignments may be rescheduled at times outside the normal meeting schedule. If valid, documented circumstances prohibit students from attending the rescheduled classes, instructors should provide reasonable alternative means for makeup.

SEEK ANSWERS TO YOUR QUESTIONS

The OSU faculty and staff want you to be successful in your educational pursuits. If you have questions or concerns, seek help EARLY. We are here to assist you.

ACADEMIC INTEGRITY

OSU is committed to maintaining the highest standards of integrity and ethical conduct. This level of ethical behavior and integrity will be maintained in this course. Participating in a behavior that violates academic integrity (e.g., unauthorized collaboration, plagiarism, multiple submissions, cheating on examinations, fabricating information, helping another person cheat, unauthorized access to examinations, altering or destroying the work of others, and altering academic records) will result in an official academic sanction. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment, examination or course, receiving a notation of a violation of academic integrity on your transcript, and being suspended from the University. You have the right to appeal the charge.

COPYRIGHT & FAIR USE POLICY OF COURSE MATERIALS

Course materials may not be published, leased, sold to others, or used for any purpose other than appropriate OSU-related individual or group study without the written permission of the faculty member in charge of the course and other copyright holders. This paragraph grants you a limited license giving you access to materials for this course, including PowerPoint slides, audio/video recordings, written, or other materials, for appropriate OSU-related educational use only. Lectures should not be recorded without permission from the faculty member and must not be further disseminated or shared.

CLASS ATTENDANCE

Class attendance is a critical component of learning; therefore, you are expected to attend and participate fully in all scheduled class meetings. Many instructors consider attendance so essential that your grade may be affected by your absence. SOME DEPARTMENTS AND PROFESSORS HAVE MANDATORY ATTENDANCE POLICIES. If no written attendance policy is provided before the last day to add a class without instructor permission, no penalty may be assessed for class absences although you may not be permitted to make up certain in-class activities. If you are required to participate in official university-sponsored activities or military training, you should receive an excused absence unless the written course attendance policy indicates otherwise. If you will be absent from class for sponsored activities, you must provide prior notification of the planned absence to the instructor. You may be required to submit assignments or take examinations before the planned absence.

PRE-FINALS WEEK POLICY

Final examinations are scheduled at the end of each semester and are preceded by pre-finals week, which begins seven days prior to the first day of finals. During pre-finals week, all normal class activities will continue; however, no assignment, test, or examination accounting for more than 5% of the course grade may be given; and no activity or field trip may be scheduled that conflicts with another class. This excludes makeup and laboratory examinations, out-of-class assignments (or projects) made prior to pre-finals week and independent study courses. No student or campus organization may hold meetings, banquets, receptions, or may sponsor or participate in any activity, program, or related function that requires student participation. For additional information, contact the Office of Academic Affairs, 405-744-5627, 101 Whitehurst.
FINAL EXAM OVERLOAD POLICY
In the event you have three or more final exams scheduled for a single day, you are entitled to arrange with the instructor of the highest numbered course (4 digit course number) or two highest, if you have four finals on one day, to re-schedule that examination(s) at a time and place of mutual convenience during final exam week. If the final exam overload includes a common final exam, the common final exam is excluded from rescheduling unless multiple common exams are scheduled at the same time. You should submit this request in writing, with a copy of your class schedule, at least two weeks prior to the beginning of final exam week. The instructor has one week prior to the beginning of final exam week to arrange a mutually convenient time and place for administration of the final exam. After one week, if an agreement cannot be reached, take the request to the department head.

INFORMATION TECHNOLOGY
Student Email - OSU uses your OKSTATE.EDU email address as a primary form of communication. Students are expected to check their OSU email on a frequent and consistent basis to remain informed of their official university business. If you do not use the OSU email system you must redirect your okstate.edu email using the Orange-Key System (www.okey.okstate.edu). Failure to maintain an accurate email address may result in missed or lost university communications. For email assistance contact the IT Helpdesk at 405-744-HELP (4357).

Computer Labs - A complete description of computer labs and hours of operation are available at their website: https://it.sharepoint.okstate.edu/TechnologySupport/DeskSide/default.aspx. Lab information is also available by calling the Information Technology Help Desk at 405-744-HELP (4357).

EQUAL OPPORTUNITY
408 Whitehurst/405-744-9153/https://lx2many.okstate.edu/
OSU is committed to maintaining a learning environment that is free from discriminatory conduct based on race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. OSU does not discriminate on the basis of sex in its educational programs and activities. Examples of sexual misconduct and/or sex discrimination include: sexual violence, sexual harassment, sexual assault, domestic and intimate partner violence, stalking, or gender-based discrimination. OSU encourages any student who thinks that he or she may have been a victim of sexual misconduct or sexual discrimination to immediately report the incident to the Title IX Coordinator (405-744-9153) or Deputy Title IX Coordinator (405-744-5470). Students may also report incidents of sexual misconduct or sex discrimination to a faculty or staff member, who is then required by federal law (Title IX) to notify the Title IX or Deputy Title IX Coordinator. If a reporting student would like to keep the details confidential, the student may speak with staff in the Student Counseling Center (405-744-5472) or one of the University’s Sexual Assault Victim Advocates (Mon-Fri 8 AM-5 PM, 405-564-2129 or 24 Hour Help Line 405-624-3020).

STUDENT DISABILITY SERVICES
315 Student Union/405-744-7116/http://sdss.okstate.edu/
According to the Americans with Disabilities Act, each student with a disability is responsible for notifying the University of his/her disability and requesting accommodations. If you think you have a qualified disability and need special accommodations, you should notify the instructor and request verification of eligibility for accommodations from Student Disability Services. Please advise the instructor of your disability as soon as possible, and contact Student Disability Services, to ensure timely implementation of appropriate accommodations. Faculty have an obligation to respond when they receive official notice of a disability but are under no obligation to provide retroactive accommodations. To receive services, you must submit appropriate documentation and complete an intake process to verify the existence of a qualified disability and identify reasonable accommodations.

STUDENT CONDUCT EDUCATION AND ADMINISTRATION
328 Student Union/405-744-5470/http://studentconduct.okstate.edu/
By enrolling at Oklahoma State University, you accept responsibility for complying with all University policies and contracts, and for local, state and federal laws on- or off-campus that relate to the University’s mission. The Student Code of Conduct educates students about their civic and social responsibilities including policies and procedures involving student misconduct.

In general, the University expects students to aspire to follow and promote the Cowboy Community Standards or integrity, community, social justice, respect, and responsibility.

EDMON LOW LIBRARY HOURS
www.library.okstate.edu
405-744-9775 or 405-744-9741
Sunday Opens at 9:00 AM
Monday-Thursday Open 24 hours
Friday Closes at 10:00 PM
Saturday 9:00 AM-10:00 PM
*For holiday and intersession hours, check http://library.okstate.edu/about/hours

WHERE TO GO FOR HELP

ACADEMIC RELATED SERVICES

Instructor - If you have questions regarding your class, talk to your instructor. Faculty members usually include their office hours and/or phone number in the class syllabus. If you cannot locate this information, set a time to meet with your instructor by speaking with him/her prior to or immediately following your class session or check with the departmental office on when the instructor may be available.

Academic Advisor - All students will benefit by conferring with an advisor on a regular basis. If you do not know your advisor or would like to learn more, talk to the Student Academic Services Director for your college.

Bursar
113 Student Union/405-744-5993
http://bursar.okstate.edu/
The Bursar Office bills and collects tuition, fees, campus housing, and other university related charges. The Bursar Office also processes and disburses all federal and campus-based funds to students’ bursar accounts and refunds any overpayments on students’ bursar accounts.

Career Services
360 Student Union/405-744-5253
http://hireosugrads.com

Concurrent Student Services and Advising
University College/040 Student Union/405-744-1389
http://universitycollege.okstate.edu/concurrent/index.html
Contact Brett Rowh to find out about academic services for concurrent students or to schedule your next advising appointment.

Foreign Language Placement Test
206 Gunderson Hall/405-744-9547
http://languages.okstate.edu/
Students with prior foreign language experience in French, German, or Spanish who take the placement exam and then score a ‘B’ or higher in a more advanced class, will get up to 6 credit hours for the classes below it. Schedule your free test by emailing Nick Howland at nick.howland@okstate.edu.
**Multicultural Affairs**
240 Student Union/405-744-5481
http://oma.okstate.edu/
Academic, career, and personal success programs are available. Student organizations representing diverse communities and annual events are offered.

**Pre-Professional Student Services**
University College/040 Student Union/405-744-1389
http://universitycollege.okstate.okstate.edu/
Pre-professional services for students from any major on campus, including coordination of contacts with health care professional schools and student interview processes.

**Registrar**
322 Student Union/405-744-6876
http://registrar.okstate.edu/
The Office of the Registrar provides services related to the creation and maintenance of student academic records. We are here to assist students with enrollment, official transcript requests, degree and enrollment verification, updating personal information in the Student Information System, graduation, and other services.

**Scholarships & Financial Aid**
119 Student Union/405-744-6604
http://financialaid.okstate.edu
Over 80 percent of Oklahoma State University students received scholarships, grants, work, and low-interest loans totaling over $320 million last year. Contact the Office of Scholarships & Financial Aid to apply for financial aid or to meet with a financial aid counselor.

**Transfer Students Services**
University College/040 Student Union/405-744-1389
http://universitycollege.okstate.edu/transfer/index.html
This office provides undergraduate transfer students with a seamless transition to OSU by collaborating with various departments on campus, including the Office of Undergraduate Admissions, the LASSO Center, the Office of the Registrar, and Financial Aid.

**University Assessment and Testing**
107 University Assessment and Testing Building/405-744-5958
http://uat.okstate.edu/
Campus and national tests as well as testing accommodations are provided.

**Veteran Benefit Services**
322 Student Union/405-744-6343
http://registrar.okstate.edu/Veteran-Benefit-Services
This office provides information and assistance in completing the appropriate forms to apply for educational benefits through the U.S. Department of Veterans Affairs and through the State of Oklahoma.

**Veteran Student Academic Services**
University College/040 Student Union/405-744-1389
http://universitycollege.okstate.edu/veteran/index.html
This office works with veteran and military-affiliated students to aid in their transition from military service to successful careers by ensuring they succeed academically through coordination of support services from both on- and off-campus entities.

**Health Related Services**

**Counseling Psychology Clinic**
107 Public Information Office/405-744-6980
https://education.okstate.edu/cpsy/clinic
Faculty and graduate students offer high quality and cost efficient psychological and mental health services to students Monday through Friday.

**University Counseling Services**
320 Student Union/405-744-5458
http://www.okstate.edu/ucs/
Services include personal counseling, the Alcohol & Substance Abuse Center, and stress management through the Reboot Center.

**University Health Services**
1202 W. Farm Road/405-744-7665
http://uhs.okstate.edu/
An allergy clinic, lab services, x-ray, travel clinic, women’s clinic and pharmacy are among the services offered at this campus outpatient medical clinic.

**Wellness Department**
405-744-5510
http://wellness.okstate.edu/
Intramurals, group fitness and sports clubs are among the many programs and services available through the Wellness Department.

**Campus Life Related Services**

**Fraternity & Sorority Affairs**
211J Student Union/405-744-5490
http://gogreek.okstate.edu/
For questions and comments about fraternity and sorority organizations, contact Ival Gregory at ival.gregory@okstate.edu.

**Housing & Residential Life**
100 Iba Hall/405-744-5592
http://reslife.okstate.edu
For questions and comments about housing and residential life, contact the Housing administration office.

**Leadership and Campus Life**
211 Student Union/405-744-5488
http://lcl.okstate.edu
Get involved through student organizations; the Center for Ethical Leadership; International Students & Scholars; Non-traditional Student Services; and Parent & Family Relations.

**Service-Learning Volunteer Center**
211G Student Union/405-744-5145
http://volunteer.okstate.edu/
Find volunteer opportunities and earn the recognition C.O.R.D. to wear at graduation.

**University Dining Services**
076 Student Union/405-744-4424
http://dining.okstate.edu/
For questions and comments about meal plans or university dining operations, contact University Dining Services.

**ACADEMIC SUPPORT RESOURCES AND TUTORING**

**Learning and Student Success Opportunity (LASSO) Tutoring Center**
021 Classroom Building/405-744-3309
https://lasso.okstate.edu/
LASSO offers free individual and group tutoring for a variety of courses.

**STUDENT ACADEMIC SERVICES CENTERS**

**Agricultural Sciences & Natural Resources**
136 Agricultural Hall/405-744-5395
Contact: Dr. Deb VanOverbeke
http://casnr.okstate.edu/students/ssc
Academic support and career guidance resources are available for CASNR students.
**Arts & Sciences**
213 Life Sciences East/405-744-5658
Contact: Dr. Amy Martindale
http://casstudents.okstate.edu/
Academic support and career guidance resources are available for Arts & Sciences students.

**Education, Health & Aviation**
106 Willard Hall/405-744-6350
Contact: Leslie Evans
http://education.okstate.edu/watson
Academic support, advisement and career counseling is available to all education majors.

**Engineering, Architecture & Technology**
110 Engineering North/405-744-5276
Contact: Lance Millis
https://studentservices.okstate.edu/advising
Academic advising and career services are available for all CEAT students. Tutoring is offered for general math, science, and engineering courses.

**Human Sciences**
101 Human Sciences/405-744-2772
Contact: Kristi Seuhs
http://humansciences.okstate.edu/current-students
Academic support and career guidance resources are available for Human Sciences students.

**Spears School of Business**
103 Business Building/405-744-2772
Contact: Marissa McIntyre
http://spears.okstate.edu/accounting
Academic advisement is provided for freshmen through seniors in all business major areas.

**University College Advising**
214 Student Union/405-744-5333
Contact: Missy Wikle
https://uca.okstate.edu/
University College Advising has academic advisors to help with your academic needs, whether planning your semester schedule, teaching your First-Year Seminar class, looking at degree options, or helping to bridge the gap between student life and academic success. Call or visit the office anytime Monday through Friday, between 8:00 a.m. and 5:00 p.m.

**DISCIPLINE SPECIFIC TUTORING**

**Academic Development Center**
Kerr-Drummond Mezzanine/405-744-5905
http://reslife.okstate.edu/vac
Tutoring and supplemental instruction are available on select weekday, weekend, and evening hours.

**Accounting**
416 Business Building/405-744-2863
Walk-in tutoring is available for ACCT 2103, 2203, and 3103. See https://spearsokestatedu/Accounting/ACE for hours.

**Biology & Zoology**
303 Life Sciences West
http://biol1114.okstate.edu
Tutoring is provided for BIOL 1114.

**Chemistry**
453 Physical Science/405-744-9046
Tutoring for chemistry classes is available.

**Civil & Environmental Engineering**
315 Engineering South/405-744-9308
Tutoring for Statistics and Strength of Materials is available. Contact for more information.

**Eta Kappa Nu Electrical and Computer Engineering Honor Society**
010 Engineering South/405-744-4910
https://campuslink.okstate.edu/organization/eta-kappa-nu
Tutoring is provided by Eta Kappa Nu membership for Circuits, Network Analysis, and Electronic Devices.

**Foreign Languages**
206 Gunderson Hall/405-744-9547
http://languages.okstate.edu
Two 28-user labs fully equipped with personal computers and listening/recording devices are available. Students may practice vocabulary building and grammar in the target language.

**Graduate Research and Writing Lab**
Contact: Victor D. Baeza/victor.baeza@okstate.edu/405-744-1241
http://info.library.okstate.edu/RLS/grads
Tutoring is available evenings from 5:00 p.m.-8:00 p.m. on Monday and Tuesday for current OSU graduate students.

**History**
101 S Murray Hall/405-744-5680
http://history.okstate.edu/contact
Tutoring is given for Survey of History and upper division courses.

**Mathematics Learning Success Center**
5th Floor Edmon Low Library/405-744-5818
http://www.math.okstate.edu/
Tutors are available to answer questions for classes ranging from Beginning Algebra through Calculus II. Tutoring for Differential Equations and Linear Algebra is offered at specific times.

**Writing Outpost**
102 Q, R, S Edmon Low/405-744-6671
http://osuwritingcenter.okstate.edu
30-minute walk-in consultations for writing projects are offered on a first come-first served basis on Monday-Thursday evenings 7:00 p.m.-10:00 p.m.

**Writing Center**
440 Student Union/405-744-6671
http://osuwritingcenter.okstate.edu
The Writing Center helps writers throughout the composing process; plan to visit early and often throughout the semester, not just the day before an assignment is due. Tutors work with students to improve brainstorming, organizational, and composing techniques.

**Writing Center West**
103 Ag Hall/405-744-6671
http://osuwritingcenter.okstate.edu
30-minute walk-in consultations for writing projects are available Monday-Friday from 11:30 a.m.-2:30 p.m.

**FOR MORE INFORMATION**
go.okstate.edu/apps
The OState app is your link to campus departments, OSU news, and maps. The Orange Shield app is the official safety app of OSU.

my.okstate.edu
This portal connects students to a wide range of campus services including links to student email, the library, and the Online Classroom and Community (D2L).

For other comments and inquiries, please contact academics@okstate.edu.