

Pathway Goal: Research, Scholarship, and Creative Activity

Action Item #
2-1

Report:

- Mid-Year: December 2016
 Year-End: April 2017

Action Item Description:

Develop Interdisciplinary PhD Program(s).

Submitted By:

Name	Department
Brian Chrzan	Dental Medicine - Biomedical Sciences

Working Group Members:

Name	Department
Brian Chrzan	Dental Medicine – Biomedical Sciences
Janet Dufek	Kinesiology and Nutrition Sciences
Kendall Hartley	Graduate College
Brianne Heinle	Graduate College
Kate Korgan	Graduate College
Glenn Nowak	Architecture
Hui Zhao	Mechanical Engineering

Provide a written overview of the year-long process for your working group.

The working group has met monthly to address the recommendations established by the 2015-16 IDGP working group. A summary of IDGPs among aspirational peer universities has been developed. Several questions have been addressed and summarized below. The working group will continue to meet monthly to review individual assignments relating to the proposal process and barriers to IDGP implementation.

2016-17 Accomplishments

The following guidelines were established by the working group to address the unique characteristics of IDGP programs in regard to coordination, location and the program proposal process.

Recommendations

1. Location
 - a. Identified the best home location for all IDGPs as the Graduate College with academic administrative functions provided by the participating departments.
2. Governance & Coordinators
 - a. An Executive Committee for each IDGP will consist of faculty likely to form the core of instructional staff of the IDGP, as well as Deans and Chairs of each participating department (5 to 10 members).
 - i. Responsibilities: establish program bylaws; nominate new members; develop policies regarding admission, curriculum, student supervision, completion of degree requirements; management for the program – budgets, funding, policies for new participating faculty members.
 - ii. Executive Committee would advise and appoint a Program Director. The Program Director will be responsible for the daily supervision and management of the program. The Program Director will convene and chair meetings of the Executive Committee and serve as lead representative of the IDGP to the university administration.
 - b. Bylaws - Must include: statement of program goals, criteria for faculty membership in the IDGP, method of election of Executive Committee members, Program Director, and the duration of terms.
 - c. Once a sufficient number of IDGPs are established (TBD), an office will be formed to ensure IDGP oversight within the Graduate College
 - i. An IDGP Administrative Office within the Graduate College would include an Assoc/Asst Dean/Director of IDGPs, responsible for administrative issues of all IDGPs with reporting to the Dean of the Graduate College.
 - ii. Until a sufficient number of programs warrant the need for a Graduate College office, each program (Executive Committee) will negotiate budgets, funding and staffing.
 - d. Interdisciplinary Graduate Programs Advisory Council (IDGPAC)
 - i. Following the formation of a sufficient number of successful IDGPs, an advisory council will form consisting of faculty representatives from each IDGP, a staff member, and an IDGP student.
 - ii. The IDGPAC will address challenges in funding, student support, initiatives to promote IDGPs and work with the IDGP Administrative Office to develop policy and procedures affecting all IDGPs.

2016-17 Accomplishments (*cont'd*)

3. Faculty Home

- a. No changes will be made to a faculty member's "home" when faculty participate in an IDGP as course instructors or advisors.
- b. Faculty will maintain their primary appointment in their home department, while maintaining an affiliation with the IDGP or second department shared by the IDGP.
- c. Tenure will remain in a single department, however, affiliate department evaluations may contribute to promotion and tenure.
- d. IDGPs will not have faculty lines associated with them. Faculty lines will remain the responsibility of the contributing departments.
- e. The home department of faculty teaching in IDGPs receive credit for courses taught by their participating faculty
- f. Degrees will be granted to the home department of the Doctoral student's advisor.
- g. All departments would earn weighted student credit hours based upon IDGP courses taught by their respective faculty.

4. Typical IDGP Costs

- a. A jointly drafted budget from participating departments will be required for the proposal process and should address departmental contributions towards:
 - i. Operation Costs (office equipment and supplies, telecommunication costs, social events, seminar costs)
 - ii. Recruitment Costs (advertising, student visits)
 - iii. Instructional Costs (software, lab expenses)
 - iv. Support staff position (existing, F/T, P/T)
 - v. Student Support (existing department GA's, new GA funds)

5. Program Proposal

- a. Identified the need for a modified IDGP proposal to facilitate routing through two or more colleges, departments and shared budgets.

2017-18 Next steps

- **What should the goals / activities be for the subcommittee?**
- **Who should be responsible?**

Continue Working Group to address the following action items:

1. Complete an IDGP proposal and outline approval process.
2. Guidelines for estimating the common costs of starting a new IDGP.

Please review the list below and “X” the appropriate box(es).

- Potential resources required
- Any reports generated by this working group
Interdisciplinary Doctoral Graduate Programs 2016-17 RSC 2-1
- Metrics to be used
- No additional reference material

Any additional information you wish to share.

Models of IDGP Governance @ UNLV

A.) Radiochemistry Ph.D. program at UNLV

-established in the Graduate College with academic administrative functions provided by the Host Department (Administrative Home) with further support from participating academic departments

-Host Department is designated by the Governance Committee for period of 5 yrs

Program Director

-elected by the Governance Board for a 3 yr term

-responsibilities: program budget, class schedule, coordinating with participating academic units, applications of faculty to the program, representing program to administration, conveying information to program faculty, facilitating changes approved by program faculty

Program Governance Board

-convened at request of Program Director

-resolve any issues that have impact beyond the program

Members:

-Dean of Graduate College (chair of committee)

-Deans of any College containing a participating academic department

-Department Head or Chair of all participating academic departments

-Director of any participating Center or Institute

Program Faculty

-the faculty of existing units that teach courses and mentor students in the program

-Program Director presides over program faculty meetings

Administrative Structure of Interdisciplinary Programs Housed in the Graduate School/ College

A.) University of Arizona

- [Administrative Structure](#) (Guidelines and Policies-helpful information)
- [GIDP Administration Office](#)
 - Centrally coordinated by the GIDP administrative office
 - Executive administrator for GIDPs is the Dean of the Graduate College
 - Faculty Director is immediately responsible for central administrative issues of GIDPs (faculty director reports to the Dean of the Graduate College)
 - Assistant Director is responsible for the daily supervision/ management of the administration office and matters associated with the GIDPs (reports to the faculty director)
 - Dean, Faculty Director, and Assistant Director are advised on issues of policy and administration by the elected GIDP Advisory Council

- [GIDP Advisory Council](#)
 - Elected faculty reps, one from each of the GIDPs
 - A staff rep elected by the program coordinators for the programs
 - GIDP grad student appointed by the Graduate and Professional Student Council
- For each Graduate Interdisciplinary Program, there is an executive committee, Chair, and faculty membership
- [GIDP Annual Performance Review Policy](#)
 - Includes information on: review of Faculty Members participating in the GIDPs, review for GIDP chairs, and GIDP Promotion and Tenure/Continuing Status Review Policy
- [Information on Setting Up a New GIDP](#) (pdf)

B.) University of Washington

- Within the Graduate School, there is a [Director of Interdisciplinary Programs](#)
- The Graduate School provides advocacy, management, and an administrative home for integrative interdisciplinary programs
- Each [interdisciplinary program](#) is overseen by a program director/interdisciplinary group chair, administrative assistant/ operations manager, and an interdisciplinary faculty group/ interdisciplinary faculty committee
 - Interdisciplinary faculty group/ committee consists of graduate faculty whose appointments, teaching, or research span multiple schools or colleges

C.) UCF

- [Interdisciplinary Studies Office](#) (College of Graduate Studies)
 - This office seems to just be for the Interdisciplinary Studies MA/ MS
 - Associate Dean
 - Coordinator, Interdisciplinary Programs
- Associate Dean is also point of contact for Conservation Biology PSM (another interdisciplinary graduate program). The other 3 interdisciplinary programs are managed by professors within departments participating in the program.
- There is also an [IDS Advisor](#) for the Interdisciplinary Studies Degree
- Each of the programs also has a **program director** (see the [College of Graduate Studies Graduate Catalog 2016-2017](#)).
- [Faculty Handbook](#) briefly touches on joint and secondary appointments—College of Graduate Studies needs to be notified.

D.) University of Oregon

- The [Graduate School staff directory](#) is not very clear about the administrative structure of the Graduate School's Master Programs
- Program Level Administration:
 - Interdisciplinary Studies: Individualized Program: [IS:IP Coordinator](#)

- Applied Information Management: [Program Staff](#) (Director, Sr. Program Manager, Sr. Curriculum Coordinator, Sr. Registration Coordinator, Program Assistant)

Administrative Structure of Interdisciplinary Programs Not Housed in the Graduate School/ College

A.) University of Wyoming

- Each of the interdisciplinary programs has a program director and an administrative assistant
- Some also seem to have some type of executive committee
- Website is not easy to navigate

Administrative Structure of Interdisciplinary Programs that can be housed in the Graduate College or in an Institute/Academy

A.) UNR: The information is pulled directly from [Guidelines for Interdisciplinary Graduate Programs \(IDP\), UNR](#) (which is also in our Google Drive folder).

- **Structure of IDGPs at UNR:** The structure of Interdisciplinary Graduate Programs is such that they may report directly to the Dean of the Graduate School or the director of an Institute/Academy rather than an academic college. To facilitate the administration of the Interdisciplinary Graduate Program, they must develop program bylaws or guidelines that will address policies and procedures for:
 - resource acquisition decisions, including first-year graduate student stipends and new program resources
 - resource allocation decisions, including graduate teaching assistantship assignments $\frac{3}{4}$ broad policy and program management issues
 - completion of and program approval of the annual report for the program – accomplishments, challenges, and annual goals for the coming year
 - election of and evaluation (including criteria for evaluation) of the Program Director - how often and how it will be conducted
 - annual evaluation input on participating faculty that would be provided to the appropriate department chairs/college deans, including the Dean of the Graduate School. These evaluations should be based upon the negotiated role statement and subsequent faculty time allocation to the interdisciplinary program/department.
 - coordinating the external program review required every seven years by the University of Nevada, Reno $\frac{3}{4}$ establishing any ad hoc committees

- graduate faculty membership in the IDP and periodic review of such faculty for continued participation ³/₄ for graduate student recruitment, admissions, curriculum, student supervision, and completion of degree program requirements (also refer to section IV below)
- meetings that will be convened; at a minimum, one meeting per the Fall and Spring term should be held with the total IDP faculty

The Dean of the Graduate School or the Director of an Institute will serve as the academic dean for the IDP. All IDP course recommendations, modifications and deletions, after review by the IDP faculty, will be forwarded to the Dean of the Graduate School or appropriate Institute Director for signature and forwarding to the University Courses and Curriculum Committee.

- **Shared Department, College and Interdisciplinary Program responsibilities regarding faculty participating in the interdisciplinary programs.**

The following are shared issues/responsibilities that will periodically need to be discussed and negotiated between departments, colleges, and interdisciplinary graduate programs: Curricular changes; Faculty replacements; New faculty hires that might participate in the program; Space for faculty participating in the program; Fund raising opportunities

Miscellaneous Information

- **University of Arizona**
 - [Cool Stats from Website](#): “In 2015, GIDPs produced 8% of all Ph.D. degrees at the University of Arizona. More than 475 students were enrolled in a GIDP; they made more than 350 scholarly presentations and 200 publications. The [Carter Travel Award](#) and [Gruener Research Travel Award](#) provided funding to assist 26 students to travel to destinations around the world to present their research. GIDP students were hired as Graduate Teaching Assistants for 40 courses from 20 departments. Interdisciplinary excellence among faculty is enhanced through GIDPs. Faculty participating in GIDPs develop strong partnerships with academic and research institutes campus-wide, state-wide and nationally. There are approximately 700 faculty from 17 colleges actively involved in GIDPs at The University of Arizona.”
 - [Student Awards](#) for GIDP students
- **University of Washington**
 - [Academic Reviews 2016 Report \(The Graduate School\)](#): There are a few comments on the challenges of interdisciplinary programs (e.g., lack of cohesive and designated on-campus space for program participants).
 - Maybe something to ask in the program development process?
 - [Graduate School Admissions Summary](#)

- [Autumn 2016](#) (page 5—interdisciplinary graduate programs)
- Can also access Autumn 2005 – Autumn 2015
- Probably the only university where we can easily look at admissions/enrollment over a period of time
- [Financial Support Statistics](#) (includes number of GAs in interdisciplinary graduate degree programs)
 - Autumn 2005 - 2015
- [Graduate Degrees Granted](#) (includes Masters and Doctoral for interdisciplinary graduate degree programs)

Guidelines for Interdisciplinary Graduate Programs (IDP) University of Nevada, Reno

Interdisciplinary graduate programs are an integral part of graduate education at both the master's and doctoral levels at the University of Nevada, Reno. Interdisciplinary graduate programs provide an opportunity to enhance and maximize scholarly and scientific endeavors through the combined efforts of faculty and students in a variety of disciplines. Such efforts broaden and strengthen the overall research and graduate education potential of the institution.

I. Guidelines for the Establishment of Interdisciplinary Graduate Programs (IDP):

To establish an Interdisciplinary Graduate Program, a proposal must be prepared by the interested faculty. The process follows the current new program procedures:

- The proposal would be presented to the department chairs, deans and other relevant administrators of the colleges represented by the participating faculty.
- Upon receipt of a positive recommendation from the departments and colleges, the proposal would be forwarded to the Executive Vice President & Provost for routing to the New Program Pre-proposal Committee.
- With a positive recommendation from the New Program Pre-proposal Committee, the proposal would be revised as needed and forwarded to the University Courses and Curriculum Committee. At this step in the process, the proposal would be forwarded to the Graduate Council for its review and recommendation.
- Upon a positive recommendation, the proposal would be forwarded back to the University Courses and Curriculum Committee for final recommendation.
- Positive recommendations at the University Courses and Curriculum Committee would, if necessary, be forwarded to the Board of Regents for final approval. If Board of Regents' approval is not necessary, a positive recommendation from the University Courses and Curriculum Committee will constitute final approval of the program.

A proposal for an Interdisciplinary Graduate Program must address the following:

- Significance and interdisciplinary nature of the proposed program, including the interdisciplinary approaches and expertise of the faculty from the participating units and a strong rationale for an interdisciplinary approach to graduate education
- Availability of resources, including faculty and space. There must be a critical number of highly qualified research and teaching faculty members representing at least two or more academic units/disciplines that are committed to the interdisciplinary approach. Generally, a critical mass of faculty would be five or more.

- Support letters from department chairs, deans and other relevant parties. These would be appended as part of the proposal. (See also procedures described above).
- Academic Potential. The likelihood of developing a successful program that attracts academically qualified students and would be able to successfully place those students upon graduation from the program.

II. Interdisciplinary Graduate Program Structure and Function

The structure of Interdisciplinary Graduate Programs is such that they may report directly to the Dean of the Graduate School or the director of an Institute/Academy rather than an academic college. To facilitate the administration of the Interdisciplinary Graduate Program, they must develop program bylaws or guidelines that will address policies and procedures for:

- resource acquisition decisions, including first-year graduate student stipends and new program resources
- resource allocation decisions, including graduate teaching assistantship assignments
- broad policy and program management issues
- completion of and program approval of the annual report for the program – accomplishments, challenges, and annual goals for the coming year
- election of and evaluation (including criteria for evaluation) of the Program Director - how often and how it will be conducted
- annual evaluation input on participating faculty that would be provided to the appropriate department chairs/college deans, including the Dean of the Graduate School. These evaluations should be based upon the negotiated role statement and subsequent faculty time allocation to the interdisciplinary program/department.
- coordinating the external program review required every seven years by the University of Nevada, Reno
- establishing any ad hoc committees
- graduate faculty membership in the IDP and periodic review of such faculty for continued participation
- for graduate student recruitment, admissions, curriculum, student supervision, and completion of degree program requirements (also refer to section IV below)
- meetings that will be convened; at a minimum, one meeting per the Fall and Spring term should be held with the total IDP faculty

III. Shared Department, College and Interdisciplinary Program responsibilities regarding faculty participating in the interdisciplinary programs.

The following are shared issues/responsibilities that will periodically need to be discussed and negotiated between departments, colleges, and interdisciplinary graduate programs:

- Curricular changes
- Faculty replacements
- New faculty hires that might participate in the program
- Space for faculty participating in the program
- Fund raising opportunities

IV. Graduate Students: Admissions, Evaluations and Monitoring Admissions Policies

Student Admissions

1. Each IDP will make provision for a committee of the participating graduate faculty whose function will be to review applicants and recommend students for admission to the program. These committees will be charged with maintaining the highest standards of academic quality and adherence to the Graduate School admission policies.
2. Upon admission the IDP will provide an orientation to the program (this is in addition to the Graduate School New Student Orientation that focuses specifically on the program – its requirements, expectations, curricula, etc.) Each IDP must hold at least one orientation session per semester.

Student Evaluations

1. To ensure timely progression through the graduate program, an annual progress report for each student should be completed and shared with the student. A sample evaluation form is provided in Appendix A.

Student Progression

1. Before any doctoral student in an IDP can schedule their preliminary examination, a Program of Study must be filed with the Graduate School. (Appendix B)
2. To maintain regular academic status within the Graduate School, each student is required to maintain a cumulative grade point average of at least 3.0 and no candidate will be awarded a degree unless a cumulative grade point average of at least 3.0 is attained for all coursework completed in graduate studies.
3. In addition, before a doctoral student can continue progression to completion of degree, the student must file the Advancement to Candidacy form (Appendix C), followed by Application for Graduation and finally submission of the Notice of Completion (Appendix D). These forms

should be filed in accordance with the guidelines and timelines established by the Graduate School.

4. The IDP Director will sign requests to schedule examinations, approve recommendations for appointment to examination committees, and recommend awards of any scholarships, fellowships, and assistantships for academically qualified graduate students enrolled in the program.

V. Academic Program

The IDP academic program will provide sufficient course offerings in a timely sequence to meet the general degree requirements established for the master's degree and doctoral degree by the Graduate School.

The Dean of the Graduate School or the Director of an Institute will serve as the academic dean for the IDP. All IDP course recommendations, modifications and deletions, after review by the IDP faculty, will be forwarded to the Dean of the Graduate School or appropriate Institute Director for signature and forwarding to the University Courses and Curriculum Committee.

VI. Budget

The support for an IDP program is shared between the Graduate School and the colleges and departments that are participating in the IDP. As such,

- Graduate School Support

The Graduate School provides formula funding for a) the director stipend, b) a minimum number of first year fellowships and c) operating. These formulae are:

- Awarded in accordance with the recommendation from the University Placement Committee.
- For each cohort of 15 students (master's and/or doctoral combined; averaged over three years) two assistantships will be awarded. However, the maximum number of assistantships to any IDP will be three per program. The minimum base stipend level will be awarded for these assistantships.
- Operating dollars will be proportional to the doctoral students at \$200 per doctoral student (averaged over three years) currently enrolled in the Fall term of each academic year. This amount is matched by the participating colleges proportional to the faculty from their college that participate in the IDP.

These amounts are provided as a lump sum to the IDP who may then determine how to budget the monies to best meet the needs of their particular program.

- College and Department Support

In addition to the operating budget support noted in the above section, Colleges and Departments will provide adequate office space for IDP faculty and IDP students.

Colleges and Departments will provide adequate research space for IDP faculty and IDP students.

- Shared Graduate School and College/Department Support

The secretarial and related administrative support for an IDP will primarily be provided by the participating College/Departments. The Graduate School support outlined in the previous section can be used at the discretion of the IDP to contribute to administrative support costs.

VII. Faculty Affiliation

- A. Graduate faculty status in an IDP will adhere to the Graduate School criteria (Appendix E). Application for graduate faculty status with an IDP will be reviewed by the IDP Executive Committee and positive recommendations will be forwarded to the Graduate School. If a faculty who is petitioning for graduate faculty memberships in a particular IDP is denied appeal processes may be initiated (these appeal processes should be outlined in the program bylaws).
- B. Renewal guidelines for maintaining graduate faculty status must be addressed in the IDP Bylaws.

VIII. Disestablishment of Graduate Interdisciplinary Programs

An IDP may be temporarily placed on hold or permanently closed.

- A. An IDP may be temporarily placed on hold by the Dean of the Graduate School while assessing the viability of the program.
- B. An IDP that is placed on hold may be closed permanently after a three year period of dormancy.
- C. Generally, IDPs will be closed when:
 - 1. The student census cannot justify the continuation of the program.
 - 2. The productivity of the program is below acceptable levels.
 - 3. The majority of the faculty membership wish to close the program or radically change its direction (in which case, a new IDP proposal must be generated).

D. To permanently close an IDP, the Dean of the Graduate School will follow the University policies and procedures relevant to permanent closure.

APPENDIX A: Sample Annual Graduate Student Progress Report

Student: _____
Last Name First Name MI

Graduate Program: _____

Course work completed (include current semester's enrollment):

Research/Scholarly Activity:

The signatures below indicate that the course work and research/scholarly activities described above reflect satisfactory progress. Any disagreement can be noted in the notation section on the back of this form.

Chair, Advisory Committee

Member, Advisory Committee

Member, Advisory Committee

Member, Advisory Committee

Member, Advisory Committee

Member, Advisory Committee

Student

Notations/Comments:

PROGRAM OF STUDY REQUIREMENTS ¹ (Instructions)

APPENDIX B

Master's Programs

Thesis

- Minimum of 30 graduate credits
- Minimum of 21 of these credits earned at UNR
- Minimum of 18 credits (including thesis credits) taken at 700-level
- 6 thesis credits required
- Maximum of 3 credits may be taken with S/U grading
- Maximum of 9 credits completed prior to admission (including transfer credits)*
- All requirements (credits) for degree (including transfer credits)* must be completed within the period of six years immediately preceding the granting of the degree. *
- Continuous enrollment
 - Minimum enrollment of 3 graduate credits each fall and spring semester

Non-Thesis

- Minimum of 32 graduate credits
- Minimum of 23 of these 32 graduate credits earned at UNR
- Minimum of 15 credits taken at 700-level
- Maximum of 3 credits may be taken with S/U grading (including transfer credits) *
- Maximum of 9 credits completed prior to admission (including transfer credits) *
- All requirements for degree must be completed within the period of 6 years immediately preceding the granting of the degree.
- Continuous enrollment
 - Minimum enrollment of 3 graduate credits each fall and spring semester

Doctoral Programs¹

- Minimum of 72 graduate credits
- Minimum of 48 graduate credits of course work
- Maximum of 24 graduate credits from a master's degree program or previous post-baccalaureate work may be applied to program
- Maximum of 9 graduate credits of S/U grading (including transfer credits) *
- At least 30 credits of 700-level graduate credits exclusive of dissertation credits are required: as many as 18 of these credits may be used from a masters degree program
- Fulfill residency requirement; two consecutive semesters (fall or spring) of at least nine (9) graduate credits each; (students on 20hr/week assistantships require six (6) credits each semester
- All requirements for the doctoral program, excluding prerequisite graduate course work or masters degrees, must be completed within a period of 8 years immediately preceding the granting of the degree.

Continuous enrollment

- Minimum enrollment of 3 graduate credits each fall and spring semester

¹ Some graduate programs have additional requirements

- No undergraduate credits can be applied to any advanced degree program
- Every graduate course must be completed with a grade of "C" or better

*** Identify Course Number and Institutions for all credits transferred***

ADVISORY-EXAMINING COMMITTEE REQUIREMENTS

APPENDIX B

ALL GRADUATE DEGREE ADVISORY COMMITTEE MEMBERS MUST BE MEMBERS OF THE UNR GRADUATE FACULTY

For candidates for the **Master's** degree, the advisory-examining committee consists of at least three members of the graduate faculty, two representing the area of specialization and one who is the Graduate School Representative. If a major/minor program is elected, there must be one committee member representing the major, one representing the minor, and one who is the Graduate School Representative.

For **Interdisciplinary/Interdepartmental Master's** degree programs, the committee may consist entirely of faculty from that interdisciplinary/interdepartmental program provided that the role of the Graduate School Representative is filled by a graduate faculty member who holds an academic appointment in a department of program different from that of the chair of the committee.

For **Doctoral** candidates, the advisory committee consists of at least five graduate faculty members. In addition to the permanent advisor as chair, this committee is composed of two or more members from the major department, one or more from departments in related fields, and at least one member of the graduate faculty from outside the student's major department or program who is the Graduate School Representative.

UNIVERSITY OF NEVADA, RENO

APPENDIX B

GRADUATE SCHOOL

ADVISORY-EXAMINING COMMITTEE/PROGRAM OF STUDY

Please fill out on-line or type (no handwritten forms will be accepted)

Name: _____ **R #:** _____ **Degree:** _____

Program: Thesis Non Thesis **Total credits required:** _____

Does your Thesis/Dissertation research involve the following: (this Section must be completed before form submission)

Human Subjects: Yes No Vertebrate Animals: Yes No Biohazardous Materials: Yes No Radioisotopes: Yes No

Student Signature: _____

Student Email Address: _____ **Student Phone #:** _____
()

DEPT/ COURSE #	CRS	COURSE TITLE	GRADE	SEM/ YR	COMMENTS (Office use only)

ADVISORY-EXAMINING COMMITTEE: (Please see instruction page for committee requirements)

(Type each name under signature)

Committee Chair: _____ Date _____

Member: _____ Date _____

Member: _____ Date _____

Member: _____ Date _____

Member: _____ Date _____

Graduate School Representative: _____ Date _____

Graduate Director: _____ Date _____

Graduate Dean: _____ Date _____

Return Completed Form to:
 Graduate School/326
 University of Nevada, Reno
 Reno, NV 89557-0035
 (775) 784-6869
 Fax: (775) 784-6064
 E-mail: gradschool@unr.edu
www.grad.unr.edu

APPENDIX C



University of Nevada, Reno
 Statewide • Worldwide

DOCTORAL DEGREE ADMISSION TO CANDIDACY/ COMPREHENSIVE EXAMINATION REPORT Please fill out on-line or type (no handwritten forms will be accepted)		
Name: Last , First, Middle , Former	R #:	
Graduate Program:	Degree:	
Residency Requirement Satisfied: <small>(Two successive semesters of Nine (9) or more credits)</small>	<small>Semester/Year</small>	<small>Semester/Year</small>
Foreign Language or Alternative:	Fulfilled: <input type="checkbox"/>	Not Required: <input type="checkbox"/>
Comprehensive Examination:		
Written: <small>Date</small>	Passed: <input type="checkbox"/> Failed: <input type="checkbox"/> Not Required: <input type="checkbox"/>	
Oral: <small>Date</small>	Passed: <input type="checkbox"/> Failed: <input type="checkbox"/> Not Required: <input type="checkbox"/>	
<hr/>		
Chair, Advisory Committee		Date
<hr/>		
Committee Member Signature		Date
<hr/>		
Committee Member Signature		Date
<hr/>		
Committee Member Signature		Date
<hr/>		
Committee Member Signature		Date
<hr/>		
Graduate School Representative		Date
<hr/>		
Graduate Program Director Signature		Date
<hr/>		
APPROVED:		
Graduate Dean		Date

Return Completed Form to:
 Graduate School/326
 University of Nevada, Reno
 Reno, NV 89557-0035
 (775) 784-6869
 Fax: (775) 784-6064
 E-mail: gradschool@unr.edu
www.grad.unr.edu

APPENDIX D



University of Nevada, Reno
 Statewide • Worldwide

MASTER'S DEGREE – NOTICE OF COMPLETION

Please fill out on-line or type (no handwritten forms will be accepted)

Thesis:

Non-Thesis:

Name:

R#:

Graduate Program:

Degree:

Foreign Language or Alternative: Fulfilled Not Required

Comprehensive Examination:

Written: Date:

Date:

Passed Failed Not Required

Oral: Date:

Date:

Passed Failed Not Required

Oral Defense: (for Thesis) Date:

Satisfactory Unsatisfactory

Title of Thesis or Professional Paper:

 Chair, Advisory Committee Date _____

 Committee Member Date _____

 Committee Member Date _____

 Graduate School Representative Date _____

 Graduate Program Director Date _____

APPROVED:

 Graduate Dean Date _____

Return Completed Form to:
 Graduate School/326
 University of Nevada, Reno
 Reno, NV 89557-0035
 (775) 784-6869
 Fax: (775) 784-6064
 E-mail: gradschool@unr.edu
www.grad.unr.edu

APPENDIX D



University of Nevada, Reno
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DOCTORAL DEGREE – NOTICE OF COMPLETION

Please fill out on-line or type (no handwritten forms will be accepted)

Name:	R#:
Graduate Program:	Degree:
Dissertation: <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	
Title of Dissertation:	
_____	Date _____
Chair, Advisory Committee	
_____	Date _____
Committee Member	
_____	Date _____
Committee Member	
_____	Date _____
Committee Member	
_____	Date _____
Committee Member	
_____	Date _____
Committee Member	
_____	Date _____
Graduate School Representative	
_____	Date _____
Graduate Program Director	
_____	Date _____
APPROVED:	
_____	Date _____
Graduate Dean	

APPENDIX E

BYLAWS OF THE GRADUATE FACULTY UNIVERSITY OF NEVADA-RENO (Revised 1/01)

1. Authorization
These Bylaws are authorized by Part 2, Chapter 1, Section 5 of the UNR Bylaws (adopted by the Board of Regents November 30, 1984).
2. The Bylaws provide for the organizational and administrative structure and personnel policies for the Graduate Faculty of the University of Nevada-Reno. The Bylaws shall be consistent with the UNR Bylaws, the UCCSN Code and the Laws of the State of Nevada and the United States.
3. Adoption of the Graduate Faculty Bylaws
These Bylaws shall be considered as adopted and in full force and effect upon; 1) the approval of the Graduate Faculty, which shall be by at least a two-thirds majority of those voting in a written, secret mail ballot, and 2) approval by the President after consultation with the Graduate Dean.
4. Amendment of the Bylaws
Any member of the Graduate Faculty may propose amendments to these Bylaws. Proposed amendments shall be submitted in writing to the Graduate Council for its review and recommendation. If approved by a majority of the Graduate Council, the proposed amendment shall be submitted to the Graduate Faculty for a vote by a written secret mail ballot. A proposed amendment which, after consideration by the Graduate Council, has not been approved by a majority of that body, shall be submitted to the Graduate Faculty for a vote by a written secret mail ballot if at least ten percent of the faculty sign a petition requesting this action. The amendment shall be in full force and effect upon; 1) approval by the Graduate Faculty, which shall be at least a two-thirds majority of those voting in a written secret mail ballot and 2) approval by the President after consultation with the Graduate Dean.
5. Interpretation of the Bylaws
Questions of interpretation of these Bylaws shall be directed to the Graduate Council, which shall review the question and forward its recommendations to the President, whose ruling shall be final.
6. Graduate Faculty
The Graduate Faculty shall consist of those members of the faculty (as faculty are defined in Section 15 of the UNR Bylaws) or adjunct faculty and clinical faculty (as defined in Section 22 of the UNR Bylaws) appointed to it by an instructional department or program. Each instructional department or program shall develop criteria for appointment to the Graduate Faculty and shall place the criteria on file with the program and with the Graduate School. Any subsequent changes in those criteria also should be placed on file with the program and with the Graduate School before they are put into use. Notices of appointment shall be forwarded to the Graduate School. Appointments to the Graduate Faculty shall be based on a capability to contribute to graduate education demonstrated through:

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- a. receipt of a terminal degree considered appropriate by the department or program,
- b. research competence, and
- c. ability to teach graduate students.

Research competence may be demonstrated by scientific, creative, or other scholarly activities consistent with the department or program. These should include, but are not limited to, refereed national or regional publications, presentations, or other refereed creative accomplishments. Ability to teach graduate students individually or in groups may be demonstrated by peer and/or student evaluation of classroom, laboratory, or clinical instruction, or supervision of research or creative activity.

Members of the faculty who have not been appointed to the Graduate Faculty may, upon approval by the Graduate Dean, be permitted to teach specified graduate courses and serve on graduate advisory-examining committees. However, such persons shall not be permitted to chair graduate advisory-examining committees.

Regular faculty members at UNLV and DRI can be appointed to Graduate Faculty status in the same manner as UNR faculty. UNLV faculty who are accorded Graduate Faculty status are subject to the same rules and have the same rights and privileges as UNR Graduate faculty except that they have no voting privileges on university-wide matters, though they may have such privileges on specific graduate program matters as outlined in program bylaws, shall not chair student advisory committees, and are not eligible to serve as university-at-large members of advisory committees.

7. Denial of Graduate Faculty Membership

The Chair of the department or program shall provide, in writing, specified reasons as to why a person applying for membership in the Graduate Faculty was denied. This shall include a statement as to what action may be taken for reconsideration and inclusion in the Graduate Faculty.

8. Appeal of Graduate Faculty Membership

A person who wishes to appeal denial of Graduate Faculty membership may do so in writing to the Chair of the department or program. The application will be reviewed by the department or program in a meeting with the applicant. Should the department or program receive sufficient new information supporting the appointment of the applicant to the Graduate Faculty, it shall reconsider the application for membership in the Graduate Faculty. Further appeal, using the same procedure, may take place at the Graduate Council.

9. Meetings of the Graduate Faculty

The Graduate Faculty may hold meetings for the discussion of, or action on, any matter concerning graduate education. Meetings of the Graduate Faculty may be called by: 1) the President or a designee; 2) the Graduate Dean; 3) the Chair of the Graduate Council if directed by a majority vote of that body; or 4) a petition signed by ten percent of the Graduate Faculty which has been submitted to the President, or a designee. The meeting must be held within ten working days of receipt of the petition. Members of the Graduate Faculty shall receive written notification

APPENDIX E

of faculty meetings which shall include the date, time, place and agenda of the meeting.

A. Presiding Officer

The President, or a designee, shall preside over meetings of the Graduate Faculty.

B. Secretary

The Graduate Faculty shall elect a secretary for each meeting from among its members in attendance, who shall be responsible for the maintenance of accurate records of its deliberations, the transmission of recommendations and the distribution of minutes to members of the Graduate Faculty.

C. Order of Business

The presiding officer shall determine the order of business and shall provide opportunity for introduction of new business from the floor.

10. Membership of the Graduate Council

The Graduate Council shall be elected by and from the Graduate Faculty. Each school or college shall have at least one representative on the Graduate Council; schools or colleges with large Graduate Faculties may have two or more representatives as deemed appropriate by the Graduate Council and the Dean of the Graduate School. No member of the Faculty Senate will be eligible to serve on the Graduate Council except the representative appointed to the Council by the Faculty Senate. Terms of office shall be for three years, and so arranged that approximately one-third of the membership is elected annually. The President or a designee shall be a non-voting member. The Graduate Dean is a voting member with full rights and privileges except he/she shall not be eligible for the chairmanship. The Associate Graduate Dean shall be a non-voting member. A voting student representative shall be appointed by the Graduate Student Association. A quorum of the Graduate Council shall exist when two-thirds (2/3) of the council membership, other than the Graduate Dean, the graduate student representative and the President or his designee, are present.

11. Rules of Order by the Graduate Council

The Graduate Council shall conduct its meetings according to the latest edition of Robert's Rules of Order. The Chair of the Graduate Council shall appoint a member of the Graduate Council to act as parliamentarian.

12. Election to the Graduate Council

Approximately one-third of the representatives on the Graduate Council shall be elected annually in the spring semester with terms of office to begin immediately following the meeting at which the officers are elected. In years in which there is a reapportionment of representatives, elections shall take place following the reapportionment and representatives shall be elected in accordance with the new apportionment.

Representatives who have resigned or have been removed from office shall be replaced for the remainder of their terms of office by another representative from their college or school elected in

APPENDIX E

a special election held not later than two months following the resignation or removal.

Each college or school shall elect its representatives to the Graduate Council in accordance with its own Bylaws, provided the nominations and elections are by written secret ballot. Each college or school shall forward the names of newly elected Graduate Council representatives to the Graduate School before the end of the spring semester or in a timely manner after any special election is held.

Representatives may be recalled by a two-thirds vote of the Graduate Faculty in the unit they represent. A recall reelection shall be called by the administrative head of the unit when a petition signed by ten percent of the Graduate Faculty in that unit is presented. The Chair shall be exempt from recall by its unit.

Members of the Graduate Council who are unable to attend a regular or special meeting of the Council may be represented by a proxy of their choice who is a member of the Graduate Faculty. The proxy must be chosen from the absentee's college or school, and in no case shall be another member of the Graduate Council. Agendas and minutes of the Graduate Council meeting shall be distributed to the Graduate Faculty.

13. Organization of the Graduate Council

A chair and vice-chair shall be elected annually from the membership of the Graduate Council in the spring semester. The chair shall preside at the Graduate Council meetings and shall work with the Graduate Dean to promote graduate education and research. The chair shall appoint members to the standing and ad hoc committees authorized by the Graduate Council. Standing committees are the Bylaws Committee and the Program Review Committee. Ad-hoc committees shall be established by a majority vote of the membership of the Graduate Council, and the chair of the Graduate Council will appoint members to such committees. The vice-chair shall assume responsibilities in the absence of the chair. Upon a two-thirds vote of the entire membership of the Graduate Council, a chair or vice-chair may be removed from office.

14. Duties and Responsibilities of the Graduate Council

The Graduate Council shall review and recommend to the President, through the Academic Vice-President, subject to the approval of the Graduate Dean, policy matters pertaining to graduate education. Recommendations not approved by the Graduate Dean shall be forwarded to the President if, after reconsideration, they are approved by at least a two-thirds majority of the full Council.

Matters which the Graduate Council shall review and make recommendations on shall include, but not be limited to, graduate teaching, graduate program needs, and graduate student and faculty research. The Graduate Council shall: 1) review and evaluate proposed and existing programs; 2) recommend priorities to be adopted in graduate education, scholarship, and research; and 3) establish standing and ad hoc committees to ensure the orderly discharge of the duties and responsibilities of the Graduate Council. Review and evaluation of existing graduate programs shall be conducted as deemed necessary by a majority vote of the Graduate Council and the Dean

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of the Graduate School.

Guidelines for Interdisciplinary Graduate Programs (IDP) University of Nevada, Reno

Interdisciplinary graduate programs are an integral part of graduate education at both the master's and doctoral levels at the University of Nevada, Reno. Interdisciplinary graduate programs provide an opportunity to enhance and maximize scholarly and scientific endeavors through the combined efforts of faculty and students in a variety of disciplines. Such efforts broaden and strengthen the overall research and graduate education potential of the institution.

I. Guidelines for the Establishment of Interdisciplinary Graduate Programs (IDP):

To establish an Interdisciplinary Graduate Program, a proposal must be prepared by the interested faculty. The process follows the current new program procedures:

- The proposal would be presented to the department chairs, deans and other relevant administrators of the colleges represented by the participating faculty.
- Upon receipt of a positive recommendation from the departments and colleges, the proposal would be forwarded to the Executive Vice President & Provost for routing to the New Program Pre-proposal Committee.
- With a positive recommendation from the New Program Pre-proposal Committee, the proposal would be revised as needed and forwarded to the University Courses and Curriculum Committee. At this step in the process, the proposal would be forwarded to the Graduate Council for its review and recommendation.
- Upon a positive recommendation, the proposal would be forwarded back to the University Courses and Curriculum Committee for final recommendation.
- Positive recommendations at the University Courses and Curriculum Committee would, if necessary, be forwarded to the Board of Regents for final approval. If Board of Regents' approval is not necessary, a positive recommendation from the University Courses and Curriculum Committee will constitute final approval of the program.

A proposal for an Interdisciplinary Graduate Program must address the following:

- Significance and interdisciplinary nature of the proposed program, including the interdisciplinary approaches and expertise of the faculty from the participating units and a strong rationale for an interdisciplinary approach to graduate education
- Availability of resources, including faculty and space. There must be a critical number of highly qualified research and teaching faculty members representing at least two or more academic units/disciplines that are committed to the interdisciplinary approach. Generally, a critical mass of faculty would be five or more.

- Support letters from department chairs, deans and other relevant parties. These would be appended as part of the proposal. (See also procedures described above).
- Academic Potential. The likelihood of developing a successful program that attracts academically qualified students and would be able to successfully place those students upon graduation from the program.

II. Interdisciplinary Graduate Program Structure and Function

The structure of Interdisciplinary Graduate Programs is such that they may report directly to the Dean of the Graduate School or the director of an Institute/Academy rather than an academic college. To facilitate the administration of the Interdisciplinary Graduate Program, they must develop program bylaws or guidelines that will address policies and procedures for:

- resource acquisition decisions, including first-year graduate student stipends and new program resources
- resource allocation decisions, including graduate teaching assistantship assignments
- broad policy and program management issues
- completion of and program approval of the annual report for the program – accomplishments, challenges, and annual goals for the coming year
- election of and evaluation (including criteria for evaluation) of the Program Director - how often and how it will be conducted
- annual evaluation input on participating faculty that would be provided to the appropriate department chairs/college deans, including the Dean of the Graduate School. These evaluations should be based upon the negotiated role statement and subsequent faculty time allocation to the interdisciplinary program/department.
- coordinating the external program review required every seven years by the University of Nevada, Reno
- establishing any ad hoc committees
- graduate faculty membership in the IDP and periodic review of such faculty for continued participation
- for graduate student recruitment, admissions, curriculum, student supervision, and completion of degree program requirements (also refer to section IV below)
- meetings that will be convened; at a minimum, one meeting per the Fall and Spring term should be held with the total IDP faculty

III. Shared Department, College and Interdisciplinary Program responsibilities regarding faculty participating in the interdisciplinary programs.

The following are shared issues/responsibilities that will periodically need to be discussed and negotiated between departments, colleges, and interdisciplinary graduate programs:

- Curricular changes
- Faculty replacements
- New faculty hires that might participate in the program
- Space for faculty participating in the program
- Fund raising opportunities

IV. Graduate Students: Admissions, Evaluations and Monitoring Admissions Policies

Student Admissions

1. Each IDP will make provision for a committee of the participating graduate faculty whose function will be to review applicants and recommend students for admission to the program. These committees will be charged with maintaining the highest standards of academic quality and adherence to the Graduate School admission policies.
2. Upon admission the IDP will provide an orientation to the program (this is in addition to the Graduate School New Student Orientation that focuses specifically on the program – its requirements, expectations, curricula, etc.) Each IDP must hold at least one orientation session per semester.

Student Evaluations

1. To ensure timely progression through the graduate program, an annual progress report for each student should be completed and shared with the student. A sample evaluation form is provided in Appendix A.

Student Progression

1. Before any doctoral student in an IDP can schedule their preliminary examination, a Program of Study must be filed with the Graduate School. (Appendix B)
2. To maintain regular academic status within the Graduate School, each student is required to maintain a cumulative grade point average of at least 3.0 and no candidate will be awarded a degree unless a cumulative grade point average of at least 3.0 is attained for all coursework completed in graduate studies.
3. In addition, before a doctoral student can continue progression to completion of degree, the student must file the Advancement to Candidacy form (Appendix C), followed by Application for Graduation and finally submission of the Notice of Completion (Appendix D). These forms

should be filed in accordance with the guidelines and timelines established by the Graduate School.

4. The IDP Director will sign requests to schedule examinations, approve recommendations for appointment to examination committees, and recommend awards of any scholarships, fellowships, and assistantships for academically qualified graduate students enrolled in the program.

V. Academic Program

The IDP academic program will provide sufficient course offerings in a timely sequence to meet the general degree requirements established for the master's degree and doctoral degree by the Graduate School.

The Dean of the Graduate School or the Director of an Institute will serve as the academic dean for the IDP. All IDP course recommendations, modifications and deletions, after review by the IDP faculty, will be forwarded to the Dean of the Graduate School or appropriate Institute Director for signature and forwarding to the University Courses and Curriculum Committee.

VI. Budget

The support for an IDP program is shared between the Graduate School and the colleges and departments that are participating in the IDP. As such,

- Graduate School Support

The Graduate School provides formula funding for a) the director stipend, b) a minimum number of first year fellowships and c) operating. These formulae are:

- Awarded in accordance with the recommendation from the University Placement Committee.
- For each cohort of 15 students (master's and/or doctoral combined; averaged over three years) two assistantships will be awarded. However, the maximum number of assistantships to any IDP will be three per program. The minimum base stipend level will be awarded for these assistantships.
- Operating dollars will be proportional to the doctoral students at \$200 per doctoral student (averaged over three years) currently enrolled in the Fall term of each academic year. This amount is matched by the participating colleges proportional to the faculty from their college that participate in the IDP.

These amounts are provided as a lump sum to the IDP who may then determine how to budget the monies to best meet the needs of their particular program.

- College and Department Support

In addition to the operating budget support noted in the above section, Colleges and Departments will provide adequate office space for IDP faculty and IDP students.

Colleges and Departments will provide adequate research space for IDP faculty and IDP students.

- Shared Graduate School and College/Department Support

The secretarial and related administrative support for an IDP will primarily be provided by the participating College/Departments. The Graduate School support outlined in the previous section can be used at the discretion of the IDP to contribute to administrative support costs.

VII. Faculty Affiliation

- A. Graduate faculty status in an IDP will adhere to the Graduate School criteria (Appendix E). Application for graduate faculty status with an IDP will be reviewed by the IDP Executive Committee and positive recommendations will be forwarded to the Graduate School. If a faculty who is petitioning for graduate faculty memberships in a particular IDP is denied appeal processes may be initiated (these appeal processes should be outlined in the program bylaws).
- B. Renewal guidelines for maintaining graduate faculty status must be addressed in the IDP Bylaws.

VIII. Disestablishment of Graduate Interdisciplinary Programs

An IDP may be temporarily placed on hold or permanently closed.

- A. An IDP may be temporarily placed on hold by the Dean of the Graduate School while assessing the viability of the program.
- B. An IDP that is placed on hold may be closed permanently after a three year period of dormancy.
- C. Generally, IDPs will be closed when:
 - 1. The student census cannot justify the continuation of the program.
 - 2. The productivity of the program is below acceptable levels.
 - 3. The majority of the faculty membership wish to close the program or radically change its direction (in which case, a new IDP proposal must be generated).

D. To permanently close an IDP, the Dean of the Graduate School will follow the University policies and procedures relevant to permanent closure.

APPENDIX A: Sample Annual Graduate Student Progress Report

Student: _____
 Last Name **First Name** **MI**

Graduate Program: _____

Course work completed (include current semester’s enrollment):

Research/Scholarly Activity:

The signatures below indicate that the course work and research/scholarly activities described above reflect satisfactory progress. Any disagreement can be noted in the notation section on the back of this form.

Chair, Advisory Committee

Member, Advisory Committee

Member, Advisory Committee

Member, Advisory Committee

Member, Advisory Committee

Member, Advisory Committee

Student

Notations/Comments:

PROGRAM OF STUDY REQUIREMENTS ¹ (Instructions)

APPENDIX B

Master's Programs

Thesis

- Minimum of 30 graduate credits
- Minimum of 21 of these credits earned at UNR
- Minimum of 18 credits (including thesis credits) taken at 700-level
- 6 thesis credits required
- Maximum of 3 credits may be taken with S/U grading
- Maximum of 9 credits completed prior to admission (including transfer credits)*
- All requirements (credits) for degree (including transfer credits)* must be completed within the period of six years immediately preceding the granting of the degree. *
- Continuous enrollment
 - Minimum enrollment of 3 graduate credits each fall and spring semester

Non-Thesis

- Minimum of 32 graduate credits
- Minimum of 23 of these 32 graduate credits earned at UNR
- Minimum of 15 credits taken at 700-level
- Maximum of 3 credits may be taken with S/U grading (including transfer credits) *
- Maximum of 9 credits completed prior to admission (including transfer credits) *
- All requirements for degree must be completed within the period of 6 years immediately preceding the granting of the degree.
- Continuous enrollment
 - Minimum enrollment of 3 graduate credits each fall and spring semester

Doctoral Programs¹

- Minimum of 72 graduate credits
- Minimum of 48 graduate credits of course work
- Maximum of 24 graduate credits from a master's degree program or previous post-baccalaureate work may be applied to program
- Maximum of 9 graduate credits of S/U grading (including transfer credits) *
- At least 30 credits of 700-level graduate credits exclusive of dissertation credits are required: as many as 18 of these credits may be used from a masters degree program
- Fulfill residency requirement; two consecutive semesters (fall or spring) of at least nine (9) graduate credits each; (students on 20hr/week assistantships require six (6) credits each semester
- All requirements for the doctoral program, excluding prerequisite graduate course work or masters degrees, must be completed within a period of 8 years immediately preceding the granting of the degree.

Continuous enrollment

- Minimum enrollment of 3 graduate credits each fall and spring semester

¹ Some graduate programs have additional requirements

- No undergraduate credits can be applied to any advanced degree program
- Every graduate course must be completed with a grade of "C" or better

*** Identify Course Number and Institutions for all credits transferred***

ADVISORY-EXAMINING COMMITTEE REQUIREMENTS

APPENDIX B

ALL GRADUATE DEGREE ADVISORY COMMITTEE MEMBERS MUST BE MEMBERS OF THE UNR GRADUATE FACULTY

For candidates for the **Master's** degree, the advisory-examining committee consists of at least three members of the graduate faculty, two representing the area of specialization and one who is the Graduate School Representative. If a major/minor program is elected, there must be one committee member representing the major, one representing the minor, and one who is the Graduate School Representative.

For **Interdisciplinary/Interdepartmental Master's** degree programs, the committee may consist entirely of faculty from that interdisciplinary/interdepartmental program provided that the role of the Graduate School Representative is filled by a graduate faculty member who holds an academic appointment in a department of program different from that of the chair of the committee.

For **Doctoral** candidates, the advisory committee consists of at least five graduate faculty members. In addition to the permanent advisor as chair, this committee is composed of two or more members from the major department, one or more from departments in related fields, and at least one member of the graduate faculty from outside the student's major department or program who is the Graduate School Representative.

UNIVERSITY OF NEVADA, RENO

APPENDIX B

GRADUATE SCHOOL

ADVISORY-EXAMINING COMMITTEE/PROGRAM OF STUDY

Please fill out on-line or type (no handwritten forms will be accepted)

Name: _____ **R #:** _____ **Degree:** _____

Program: Thesis Non Thesis **Total credits required:** _____

Does your Thesis/Dissertation research involve the following: (this Section must be completed before form submission)

Human Subjects: Yes No Vertebrate Animals: Yes No Biohazardous Materials: Yes No Radioisotopes: Yes No

Student Signature: _____

Student Email Address: _____ **Student Phone #:** _____
()

DEPT/ COURSE #	CRS	COURSE TITLE	GRADE	SEM/ YR	COMMENTS (Office use only)

ADVISORY-EXAMINING COMMITTEE: (Please see instruction page for committee requirements)

(Type each name under signature)

_____ Date _____ Committee Chair: _____ Date _____ Member:

_____ Date _____ Member: _____ Date _____

_____ Date _____ Member: _____ Date _____ Graduate School Representative:

_____ Date _____ Graduate Director: _____ Date _____ Graduate Dean:

Return Completed Form to:
 Graduate School/326
 University of Nevada, Reno
 Reno, NV 89557-0035
 (775) 784-6869
 Fax: (775) 784-6064
 E-mail: gradschool@unr.edu
www.grad.unr.edu

APPENDIX C



University of Nevada, Reno
 Statewide • Worldwide

DOCTORAL DEGREE ADMISSION TO CANDIDACY/ COMPREHENSIVE EXAMINATION REPORT Please fill out on-line or type (no handwritten forms will be accepted)		
Name: Last , First, Middle , Former	R #:	
Graduate Program:	Degree:	
Residency Requirement Satisfied: <small>(Two successive semesters of Nine (9) or more credits)</small>	<small>Semester/Year</small>	<small>Semester/Year</small>
Foreign Language or Alternative:	Fulfilled: <input type="checkbox"/>	Not Required: <input type="checkbox"/>
Comprehensive Examination:		
Written: <small>Date</small>	Passed: <input type="checkbox"/> Failed: <input type="checkbox"/> Not Required: <input type="checkbox"/>	
Oral: <small>Date</small>	Passed: <input type="checkbox"/> Failed: <input type="checkbox"/> Not Required: <input type="checkbox"/>	
<hr/>		
Chair, Advisory Committee	Date	
<hr/>		
Committee Member Signature	Date	
<hr/>		
Committee Member Signature	Date	
<hr/>		
Committee Member Signature	Date	
<hr/>		
Committee Member Signature	Date	
<hr/>		
Graduate School Representative	Date	
<hr/>		
Graduate Program Director Signature	Date	
<hr/>		
APPROVED:		
Graduate Dean	Date	

Return Completed Form to:
 Graduate School/326
 University of Nevada, Reno
 Reno, NV 89557-0035
 (775) 784-6869
 Fax: (775) 784-6064
 E-mail: gradschool@unr.edu
www.grad.unr.edu

APPENDIX D



University of Nevada, Reno
 Statewide • Worldwide

MASTER'S DEGREE – NOTICE OF COMPLETION

Please fill out on-line or type (no handwritten forms will be accepted)

Thesis:

Non-Thesis:

Name:

R#:

Graduate Program:

Degree:

Foreign Language or Alternative: Fulfilled Not Required

Comprehensive Examination:

Written: Date:

Date:

Passed Failed Not Required

Oral: Date:

Date:

Passed Failed Not Required

Oral Defense: (for Thesis) Date:

Satisfactory Unsatisfactory

Title of Thesis or Professional Paper:

 Chair, Advisory Committee Date _____

 Committee Member Date _____

 Committee Member Date _____

 Graduate School Representative Date _____

 Graduate Program Director Date _____

APPROVED:

 Graduate Dean Date _____

Return Completed Form to:
 Graduate School/326
 University of Nevada, Reno
 Reno, NV 89557-0035
 (775) 784-6869
 Fax: (775) 784-6064
 E-mail: gradschool@unr.edu
www.grad.unr.edu

APPENDIX D



University of Nevada, Reno
 Statewide • Worldwide

DOCTORAL DEGREE – NOTICE OF COMPLETION

Please fill out on-line or type (no handwritten forms will be accepted)

Name:	R#:
Graduate Program:	Degree:
Dissertation: <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	
Title of Dissertation:	
_____	Date _____
Chair, Advisory Committee	
_____	Date _____
Committee Member	
_____	Date _____
Committee Member	
_____	Date _____
Committee Member	
_____	Date _____
Committee Member	
_____	Date _____
Committee Member	
_____	Date _____
Graduate School Representative	
_____	Date _____
Graduate Program Director	
_____	Date _____
APPROVED:	
_____	Date _____
Graduate Dean	

APPENDIX E

BYLAWS OF THE GRADUATE FACULTY UNIVERSITY OF NEVADA-RENO (Revised 1/01)

1. Authorization
These Bylaws are authorized by Part 2, Chapter 1, Section 5 of the UNR Bylaws (adopted by the Board of Regents November 30, 1984).
2. The Bylaws provide for the organizational and administrative structure and personnel policies for the Graduate Faculty of the University of Nevada-Reno. The Bylaws shall be consistent with the UNR Bylaws, the UCCSN Code and the Laws of the State of Nevada and the United States.
3. Adoption of the Graduate Faculty Bylaws
These Bylaws shall be considered as adopted and in full force and effect upon; 1) the approval of the Graduate Faculty, which shall be by at least a two-thirds majority of those voting in a written, secret mail ballot, and 2) approval by the President after consultation with the Graduate Dean.
4. Amendment of the Bylaws
Any member of the Graduate Faculty may propose amendments to these Bylaws. Proposed amendments shall be submitted in writing to the Graduate Council for its review and recommendation. If approved by a majority of the Graduate Council, the proposed amendment shall be submitted to the Graduate Faculty for a vote by a written secret mail ballot. A proposed amendment which, after consideration by the Graduate Council, has not been approved by a majority of that body, shall be submitted to the Graduate Faculty for a vote by a written secret mail ballot if at least ten percent of the faculty sign a petition requesting this action. The amendment shall be in full force and effect upon; 1) approval by the Graduate Faculty, which shall be at least a two-thirds majority of those voting in a written secret mail ballot and 2) approval by the President after consultation with the Graduate Dean.
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- a. receipt of a terminal degree considered appropriate by the department or program,
- b. research competence, and
- c. ability to teach graduate students.

Research competence may be demonstrated by scientific, creative, or other scholarly activities consistent with the department or program. These should include, but are not limited to, refereed national or regional publications, presentations, or other refereed creative accomplishments. Ability to teach graduate students individually or in groups may be demonstrated by peer and/or student evaluation of classroom, laboratory, or clinical instruction, or supervision of research or creative activity.

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The Graduate Faculty may hold meetings for the discussion of, or action on, any matter concerning graduate education. Meetings of the Graduate Faculty may be called by: 1) the President or a designee; 2) the Graduate Dean; 3) the Chair of the Graduate Council if directed by a majority vote of that body; or 4) a petition signed by ten percent of the Graduate Faculty which has been submitted to the President, or a designee. The meeting must be held within ten working days of receipt of the petition. Members of the Graduate Faculty shall receive written notification

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of faculty meetings which shall include the date, time, place and agenda of the meeting.

A. Presiding Officer

The President, or a designee, shall preside over meetings of the Graduate Faculty.

B. Secretary

The Graduate Faculty shall elect a secretary for each meeting from among its members in attendance, who shall be responsible for the maintenance of accurate records of its deliberations, the transmission of recommendations and the distribution of minutes to members of the Graduate Faculty.

C. Order of Business

The presiding officer shall determine the order of business and shall provide opportunity for introduction of new business from the floor.

10. Membership of the Graduate Council

The Graduate Council shall be elected by and from the Graduate Faculty. Each school or college shall have at least one representative on the Graduate Council; schools or colleges with large Graduate Faculties may have two or more representatives as deemed appropriate by the Graduate Council and the Dean of the Graduate School. No member of the Faculty Senate will be eligible to serve on the Graduate Council except the representative appointed to the Council by the Faculty Senate. Terms of office shall be for three years, and so arranged that approximately one-third of the membership is elected annually. The President or a designee shall be a non-voting member. The Graduate Dean is a voting member with full rights and privileges except he/she shall not be eligible for the chairmanship. The Associate Graduate Dean shall be a non-voting member. A voting student representative shall be appointed by the Graduate Student Association. A quorum of the Graduate Council shall exist when two-thirds (2/3) of the council membership, other than the Graduate Dean, the graduate student representative and the President or his designee, are present.

11. Rules of Order by the Graduate Council

The Graduate Council shall conduct its meetings according to the latest edition of Robert's Rules of Order. The Chair of the Graduate Council shall appoint a member of the Graduate Council to act as parliamentarian.

12. Election to the Graduate Council

Approximately one-third of the representatives on the Graduate Council shall be elected annually in the spring semester with terms of office to begin immediately following the meeting at which the officers are elected. In years in which there is a reapportionment of representatives, elections shall take place following the reapportionment and representatives shall be elected in accordance with the new apportionment.

Representatives who have resigned or have been removed from office shall be replaced for the remainder of their terms of office by another representative from their college or school elected in

APPENDIX E

a special election held not later than two months following the resignation or removal.

Each college or school shall elect its representatives to the Graduate Council in accordance with its own Bylaws, provided the nominations and elections are by written secret ballot. Each college or school shall forward the names of newly elected Graduate Council representatives to the Graduate School before the end of the spring semester or in a timely manner after any special election is held.

Representatives may be recalled by a two-thirds vote of the Graduate Faculty in the unit they represent. A recall reelection shall be called by the administrative head of the unit when a petition signed by ten percent of the Graduate Faculty in that unit is presented. The Chair shall be exempt from recall by its unit.

Members of the Graduate Council who are unable to attend a regular or special meeting of the Council may be represented by a proxy of their choice who is a member of the Graduate Faculty. The proxy must be chosen from the absentee's college or school, and in no case shall be another member of the Graduate Council. Agendas and minutes of the Graduate Council meeting shall be distributed to the Graduate Faculty.

13. Organization of the Graduate Council

A chair and vice-chair shall be elected annually from the membership of the Graduate Council in the spring semester. The chair shall preside at the Graduate Council meetings and shall work with the Graduate Dean to promote graduate education and research. The chair shall appoint members to the standing and ad hoc committees authorized by the Graduate Council. Standing committees are the Bylaws Committee and the Program Review Committee. Ad-hoc committees shall be established by a majority vote of the membership of the Graduate Council, and the chair of the Graduate Council will appoint members to such committees. The vice-chair shall assume responsibilities in the absence of the chair. Upon a two-thirds vote of the entire membership of the Graduate Council, a chair or vice-chair may be removed from office.

14. Duties and Responsibilities of the Graduate Council

The Graduate Council shall review and recommend to the President, through the Academic Vice-President, subject to the approval of the Graduate Dean, policy matters pertaining to graduate education. Recommendations not approved by the Graduate Dean shall be forwarded to the President if, after reconsideration, they are approved by at least a two-thirds majority of the full Council.

Matters which the Graduate Council shall review and make recommendations on shall include, but not be limited to, graduate teaching, graduate program needs, and graduate student and faculty research. The Graduate Council shall: 1) review and evaluate proposed and existing programs; 2) recommend priorities to be adopted in graduate education, scholarship, and research; and 3) establish standing and ad hoc committees to ensure the orderly discharge of the duties and responsibilities of the Graduate Council. Review and evaluation of existing graduate programs shall be conducted as deemed necessary by a majority vote of the Graduate Council and the Dean

APPENDIX E

of the Graduate School.

College	Program name	House	College/Department/Institute involved	Governor/ Coordinator/ Program Manager	Title/ Affiliation	Salary	Degree offered	# Credits Required	Advisory Committee Composition	Thesis/Project/Oral	Handbook (if available)	Program link
UNR												
Atmospheric Sciences	Graduate School		Department of Physics with a partnership with the ORS Division of Atmospheric Sciences	Dr. Mark D. Green	Research Professor Atmospheric Sciences/ ORS Division of Atmospheric Sciences	\$101,543.91 (2015)	MS, PhD	MS: 30; PhD: 72	MS: The MS committee consists of 3 or more members, one of which is designated the graduate school representative. PhD: The PhD committee consists of 5 or more members, one of which is designated the graduate school representative. The Chair and at least two other members are from the ATMN program or a closely related program. Two members must be held faculty appointments with program outside of the ATMN program.	Thesis/Dissertation	http://www.unr.edu/ORS/units/graduate-studies/atsm-grad-program/atsm-grad-student-exists-def	http://www.unr.edu/ORS/units/atsm-grad-student-exists-def
Ecology, Evolution, and Conservation Biology	Graduate School		Academy for the Environment, Agriculture, Nutrition and Veterinary Sciences, Biochemistry and Molecular Biology, Botany, Chemistry, Division of Earth and Environmental Sciences ORS, Division of Hydrology, Geology, Great Basin Institute, Natural Resources and Environmental Science, ORS, and Great Basin Institute	Dr. Liu Yue	Professor of Biology & Director of Ecology, Evolution and Conservation Biology Graduate Program	\$130,822 (2015)	PhD	72 credits, 24 of which are research and dissertation	Committee will consist of the major professor, at least two members of the ECE Graduate Faculty, selected by the student and major professor: one additional faculty member, selected by the student and major professor in consultation with the program director (to bring government credits to the committee), and one member having ORS Graduate Faculty status from outside of the ECE faculty and major advisor's home department.	Dissertation	http://www.unr.edu/atsm	http://www.unr.edu/atsm
Environmental Sciences and Health	Graduate School		Agriculture, Nutrition, and Veterinary Sciences, Biology, Civil & Environmental Engineering, Environmental Health and Safety, Geography, Natural Resources and Environmental Science, Physics, School of Medicine, ORS	Dr. Stanley T. Chmely	Professor, Agriculture, Nutrition, & Veterinary Sciences (ANVS) Department Chair, and Director of ES & H Graduate Program	\$127,120.18 (2015)	MS and PhD	MS: 30; PhD: 72	MS: The committee must contain at least three members, including your advisor, and at least one committee member who is from outside of your home department. PhD: The committee must contain at least five members, including your advisor, and at least one committee member needs to be from the same department as your advisor. In addition, at least one committee member must be from outside of your home department.	Thesis/Dissertation	http://environment.unr.edu/environ-exists-student/index.htm	http://environment.unr.edu/environ-exists-student/index.htm
Hydrology Sciences	Graduate School		Graduate Program of Hydrologic Sciences (LNR and ORS)	Dr. Subeeg Chandra and Scott Tyler (Interim Program Co-Director)	Dr. Chandra, Professor of Biology; Dr. Tyler, Geospatial Sciences & Enterprise	Dr. Chandra: \$187,007.73 (2015); Dr. Tyler: \$186,322.00 (2015)	MS and PhD; Hydrology, MS and PhD	MS: 12 (A); 32 (B); PhD: 72	MS and PhD: The committee must contain at least five members, including your advisor, and at least one committee member needs to be from the same department as your advisor. In addition, at least one committee member must be from outside of your home department.	Thesis, Non-thesis MS, and Dissertation	http://www.hydro.unr.edu/graduate/handbook	http://www.hydro.unr.edu/
Molecular Biosciences	Graduate School		College of Agriculture, Biochemistry and Natural Resources (CABNR), College of Medicine, and College of Physiology Graduate Program, Associate Professor of the Department of Pharmacology	Dr. John Coulman (Director of Biochemistry Graduate Program, Professor of Biochemistry), Dr. Patricia Bernheim (Director of Cell and Molecular Biology Graduate Program and Associate Professor of the Department of Biology), Dr. Dawn Burkin (Director of the Cell and Molecular Pharmacology and Physiology Graduate Program, Associate Professor of the Department of Pharmacology)	Dr. John Coulman (Director of Biochemistry Graduate Program, Professor of Biochemistry), Dr. Patricia Bernheim (Director of Cell and Molecular Biology Graduate Program and Associate Professor of the Department of Biology), Dr. Dawn Burkin (Director of the Cell and Molecular Pharmacology and Physiology Graduate Program, Associate Professor of the Department of Pharmacology)	All from 2015: Dr. Coulman: \$123,321.75; Dr. Bernheim: \$136,999.27; Dr. Burkin: \$183,123.07	MS and PhD; These paths: Biochemistry, Cell and Molecular Biology, and Cellular and Molecular Pharmacology and Physiology	MS: 30; PhD: 72	Thesis/Dissertation	http://www.unr.edu/molecular-biosciences	http://www.unr.edu/molecular-biosciences	
Neuroscience	Graduate School		Agriculture, Nutrition, and Veterinary Sciences, Electrical and Biomedical Engineering, Computer Science, Psychology, Philosophy, Biology, Mathematics, Physiology and Cell Biology, Pharmacology, Microbiology & Immunology, Psychiatry and Behavioral Sciences	Dr. Jim Aronoff (Co-Director of the Integrative Neuroscience Graduate Program), Dr. Michael Webster (Foundation Professor and Co-Director of the ORS), Dr. D. Grant Messeri (Professor, Co-Director of Neuroscience Ph.D. Program, Co-Director of ORS, Co-Director of Cell Biology Center for Biomedical Research Sciences)	Dr. Jim Aronoff (Co-Director of the Integrative Neuroscience Graduate Program), Dr. Michael Webster (Foundation Professor and Co-Director of the ORS), Dr. D. Grant Messeri (Professor, Co-Director of Neuroscience Ph.D. Program, Co-Director of ORS, Co-Director of Cell Biology Center for Biomedical Research Sciences)	All from 2015: Dr. Jim Aronoff: No information from 2015; Dr. Webster: \$227,266.24; Dr. Messeri: \$146,516.28	MS and PhD	MS: 30; PhD: 72	Thesis/Dissertation	http://www.unr.edu/neuroscience	http://www.unr.edu/neuroscience	
Social Psychology	Graduate School		Psychology, Sociology, Criminal Justice, Human Development and Family Studies, Community Health Sciences, Management Sciences, Communication Studies	Dr. Markus Kemmler	Professor, Director of the Social Psychology Ph.D. Program	\$139,376.80 (2015)	PhD (MA is available after 25 credits is completed)	82 credits minimum to graduate	Five members: 3 from social psychology, one from a department related to the dissertation topic, one serves as the representative of the graduate school.	Dissertation	http://www.unr.edu/social-psychology	http://www.unr.edu/social-psychology
Chemical Physics	College of Science		Department of Chemistry and Department of Physics	Dr. David A. Carter	Director Chemical Physics Program, Professor in Department of Chemistry	\$141,301.00 (2015)	PhD	72	At least five members: two from each of the chemistry and physics departments (including the research advisor), and one from an outside department.	Dissertation	http://www.chemphys.unr.edu	http://www.chemphys.unr.edu
Bioscience Studies	College of Liberal Arts		Center for Bioscience Studies	Dr. Sabina Iyengar (Associate Professor, Co-Director), Dr. Sandra Ott (Associate Professor, Co-Director), Barbara Carter (Program Assistant-Administrative Assistant), Officer-Museum, Bioscience Instructor	Dr. Sabina Iyengar (Associate Professor, Co-Director), Dr. Sandra Ott (Associate Professor, Co-Director), Barbara Carter (Program Assistant-Administrative Assistant), Officer-Museum, Bioscience Instructor	All from 2015: Dr. Iyengar: \$95,945.36; Dr. Ott: \$106,300.00; Dr. Carter: \$42,363.17	PhD	72	Faculty members come from numerous departments: Biochemistry and Molecular Biology, Physics, Chemical and Materials Engineering, Pharmacology, Psychology, Computer Science and Engineering, Mechanical Engineering, Microbiology and Immunology, and the School of Medicine	Dissertation	http://biosci.unr.edu/index.html	http://biosci.unr.edu/index.html
Electrical & Biomedical Engineering	College of Engineering		School of Medicine	Paul Smith (Administrative Assistant), Anthony V. Piazza (Development Technician II)	Paul Smith (Administrative Assistant), Anthony V. Piazza (Development Technician II)	Dr. Hill: No information; Piazza: \$66,491.94	MS, PhD	MS: 30; PhD: 72	Master's Advisory Committee: 3 or 4 members. Chair (UNR faculty member), NUNC/NCR representative depending on region, UNR/NUNC/NCR or outside representative, Graduate School representative (UNR faculty member). If third member is a UNR faculty member, they can serve as member and Graduate School representative. Ph.D. Advisory Committee: 5 members. Chair (UNR faculty member), NUNC/NCR representative, Graduate School representative (UNR faculty member), 2 additional members from UNR/NUNC/NCR or outside representatives.	Thesis/Non-Thesis coursework option: PhD requires dissertation	http://www.unr.edu/ebe	http://www.unr.edu/ebe
Judicial Studies	College of Liberal Arts		Extended Studies, the National Judicial College, and the National Council of Juvenile and Family Court Judges	Shawn Marsh	Director of the Judicial Studies Program and Associate Professor in the Department of Communication Studies and the Interdisciplinary Ph.D. in Social Practices	No information, but earns the \$51,301.00 PhD dual date from 2015 where listed only as Professor	MA or PhD	MA: 32; PhD: 72	No information on committee composition.	Non-Thesis or Thesis options available	http://www.judicialstudies.unr.edu/	http://www.judicialstudies.unr.edu/
Justice Management	College of Liberal Arts		School of Social Research and Justice Studies	James L. Robinson	Assistant Program Director	No information	MA	30 or 32, depending on thesis or non-thesis option	No information on committee composition.	Non-Thesis or Thesis options available	http://www.unr.edu/justice-management	http://www.unr.edu/justice-management
Interdisciplinary Gender, Race, and Identity Certificate	Interdisciplinary Graduate Certificate		Gender, Race, and Identity	Dr. Ian Hill (Interim Director, Gender, Race, and Identity), Dr. Bennett Stuebel, Dr. Deborah Borham (Interim Director, Associate Professor of Anthropology and Women's Studies/Gender, Race, and Identity)	Dr. Hill: No information (2015); Dr. Stuebel: \$61,121.21 (2015)	Dr. Hill: No information with degree program or independent	Certificate (Integrated with degree program or independent)	12 credits	No committee. Course work only.	n/a	http://www.unr.edu/grad/interdisciplinary-gender-race-and-identity	http://www.unr.edu/grad/interdisciplinary-gender-race-and-identity
Interdisciplinary Graduate Certificate	Chemical and Materials Engineering		Not sure-but maybe Dr. Jill Walker (contact)	Dr. Jill Walker	Dr. Hill: No information (2015); Dr. Walker: \$11,251 - listed as Temp Faculty Admin on Temp	Certificate (Integrated with degree program or independent)	12 credits (4 out of the 10 courses offered)	No committee. Course work only.	n/a	http://www.unr.edu/grad/interdisciplinary-chem-and-mat-eng	http://www.unr.edu/grad/interdisciplinary-chem-and-mat-eng	
UCP												
Conservation Biology	College of Graduate Studies		Statistical Sciences	Associate Dean of the College of Graduate Studies and Professor in Biology, Dr. John Westergaard, Coordinator, Interdisciplinary Graduate Programs: Elizabeth Smock, Program temporarily suspended effective Summer 2016	Dr. Westergaard: \$185,420.00; Smock: No date	Professional Science Master's (PSM)	30 credit hours of core and restricted elective courses, 12 credit hours of professional development courses, and 3 credit hours of internship.	No committee. Course work only.	Co-supervising experiential projects in an internship	n/a	http://www.grad.unr.edu/conservation-biology	http://www.grad.unr.edu/conservation-biology
Geographic Information Systems	College of Graduate Studies		Collaborating colleges and departments: College of Science (Anthropology, Biology, Political Science, Sociology, Statistics), College of Health and Public Affairs (Criminal Justice, Public Administration), College of Arts and Humanities (English, History, Philosophy), College of Undergraduate Studies (Interdisciplinary Studies), College of Engineering and Computer Science (Civil, Environmental, and Construction, Computer Science), John C. Hill Library and College of Graduate Studies	Dr. John Walker	Program Director, Associate Professor in the Department of Aerospace	\$72,300.00	Certificate	12 credit hours	No committee. Course work only.	n/a	http://www.grad.unr.edu/geographic-information-systems	http://www.grad.unr.edu/geographic-information-systems
Holistics and Simulation	College of Graduate Studies		Simulation, Enterprise, Physical Sciences, Psychology	Dr. Joseph V. Smith	Coordinator, Joint Appointments in Neuroscience Technology Center and Department of Chemistry (College of Science), with a Secondary Joint Appointment in Bennett School of Biomedical Science (College of Medicine) and Department of Materials, Materials and Aerospace Engineering (College of Engineering)	Coordinator: \$48,344.00 (Plus title: Civil Academic Advisor: \$10,121.00)	ML, PhD, and graduate certificate	MS: 30; PhD: 72	PhD: Minimum of four members, all must have doctoral or terminal degrees and be in fields related to the dissertation topic. There must be regular MS faculty from at least two UCP colleges.	Non-Thesis & Thesis options available: PhD requires dissertation	http://www.ucp.edu/ucp	http://www.ucp.edu/ucp
Nanotechnology	College of Graduate Studies		Faculty by Faculty from Nanotechnology Technology Center, College of Business Administration	Dr. Qun Huo	Associate Professor, Graduate Program Coordinator, Joint Appointments in Neuroscience Technology Center and Department of Chemistry (College of Science), with a Secondary Joint Appointment in Bennett School of Biomedical Science (College of Medicine) and Department of Materials, Materials and Aerospace Engineering (College of Engineering)	\$87,305.00	Professional Science Master's (PSM)	30 credit hours	No committee. Course work only.	Internship and external research under faculty supervision (see thesis)	http://www.grad.unr.edu/nanotechnology	http://www.grad.unr.edu/nanotechnology
Interdisciplinary Studies	College of Graduate Studies		Design your own degree by selecting two concentrations from an department at UCP	Associate Dean of the College of Graduate Studies and Professor in Biology, Dr. John Westergaard	Dr. Westergaard: \$185,420.00; MA/MS	MA/MS	30 credit hours, Each concentration gets 9 credit hours. For thesis: 18 credit hours, 9 thesis, 9 non-thesis; 6 course credits & 6 elective	Thesis/Non-thesis	Thesis/Non-thesis	http://www.grad.unr.edu/interdisciplinary-studies	http://www.grad.unr.edu/interdisciplinary-studies	
Administration and Management of American Indian Natural Resources	Graduate College/GCP		American Indian Studies Program and School of Natural Resources and Environment	Admission Center/ Graduate Program Coordinator/ Director of Graduate Studies/ Professor American Indian Studies: Ronald L. Tanager; Graduate College Degree Coordinator: James E. Crockett	Dr. Tanager: \$103,000.00; Crockett: No salary information	Certificate	12 credits	N/A, coursework only.	N/A	http://grad.unr.edu/american-indian-natural-resources	http://grad.unr.edu/american-indian-natural-resources	
American Indian Studies	Graduate College/GCP		School of Natural Resource and the Environment, Teaching Learning and Sociological Studies, English, German Studies, Indigenous Peoples Law and Policy Program, Family and Community Medicine, Psychology, Anthropology, Bureau of Applied Research in Anthropology, History, Linguistics, Mexican American and Asia Studies, Utah Center for Studies in Public Policy	Admission Center/ Graduate Program Coordinator/ Director of Graduate Studies/ Professor American Indian Studies: Ronald L. Tanager; Graduate College Degree Coordinator: James E. Crockett	Dr. Tanager: \$103,000.00; Crockett: No salary information	MA	36 Credits	Three AIS faculty members. Two should be regular faculty.	Thesis, report, or exam	http://grad.unr.edu/american-indian-studies	http://grad.unr.edu/american-indian-studies	
American Indian Studies	Graduate College/GCP		School of Natural Resource and the Environment, Teaching Learning and Sociological Studies, English, German Studies, Indigenous Peoples Law and Policy Program, Family and Community Medicine, Psychology, Anthropology, Bureau of Applied Research in Anthropology, History, Linguistics, Mexican American and Asia Studies, Utah Center for Studies in Public Policy	Admission Center/ Graduate Program Coordinator/ Director of Graduate Studies/ Professor American Indian Studies: Ronald L. Tanager; Graduate College Degree Coordinator: James E. Crockett	Dr. Tanager: \$103,000.00; Crockett: No salary information	PhD	36 credits (6 coursework, 18 dissertation)	Four members. Three must be regular or affiliates AIS faculty. Three must represent the student's major field of study, while one faculty represents the minor field.	Dissertation	http://grad.unr.edu/american-indian-studies	http://grad.unr.edu/american-indian-studies	
Applied Biosciences (Industrial Microbial Biotechnology)	Graduate College/GCP		Admission Center/ Graduate Program Coordinator: Maria Lourdes Meyn, Chair of Applied Biosciences: Susan Minter (Associate Professor, Natural Resources, Associate Professor, BGS Institute), Associate Professor, Plant Sciences, Chair, And Lands Resources Sciences: GISP, Chair of Applied Biosciences/GCP, Graduate College Degree Coordinator: James E. Crockett	Maria Lourdes Meyn: \$65,908.00; Minter: \$105,233.00; Crockett: No salary information	FSM	36 credits	Primary advisor and at least two other committee members (ABS faculty or social members) At least two must be from U of Arizona.	Coursework and internship report	http://grad.unr.edu/applied-biosciences	http://grad.unr.edu/applied-biosciences		
Applied Biosciences (Medical and Diagnostic Laboratory Sciences)	Graduate College/GCP		Admission Center/ Graduate Program Coordinator: Maria Lourdes Meyn, Director of Graduate Studies: Anna M. Wertheimer (Associate Professor, Medicine-Research Scholar Track), Tripler, Graduate College Degree Coordinator: James E. Crockett	Maria Lourdes Meyn: \$65,908.00; Wertheimer: \$70,000.00; Crockett: No salary information	FSM	36 credits	Primary advisor and at least two other committee members (ABS faculty or social members) At least two must be from U of Arizona.	Coursework and internship report	http://grad.unr.edu/applied-biosciences	http://grad.unr.edu/applied-biosciences		
Applied Biosciences (Medical and Diagnostic Laboratory Sciences)	Graduate College/GCP		Admission Center/ Graduate Program Coordinator: Maria Lourdes Meyn, Chair of Applied Biosciences: Susan Minter (Associate Professor, Natural Resources, Associate Professor, BGS Institute), Associate Professor, Plant Sciences, Chair, And Lands Resources Sciences: GISP, Chair of Applied Biosciences/GCP, Graduate College Degree Coordinator: James E. Crockett	Maria Lourdes Meyn: \$65,908.00; Minter: \$105,233.00; Crockett: No salary information	FSM	36 credits	Primary advisor and at least two other committee members (ABS faculty or social members) At least two must be from U of Arizona.	Coursework and internship report	http://grad.unr.edu/applied-biosciences	http://grad.unr.edu/applied-biosciences		

Applied Biosciences (Medical Microbiology and Immunology)	Graduate	Arizona Cancer Center, Department of Aerospace and Mechanical Engineering, Department of Immunology, Graduate College, Department of Pharmacology, Department of Molecular and Cellular Biology, Agricultural and Biosystems Engineering, Chair College of Management, Department of Chemistry and Biochemistry, Department of Geophysics, Natural Products Center, BIOS Institute, Plant Sciences, Department of Surgery, School of Information, Systems, Technology & Arts (SISTA), Department of Pathology	Admissions Contact/ Graduate Program Coordinator: Maria-Louises Myers, Director of Graduate Studies; Nathan Arnold (Professor, Immunobiology); Graduate College Degree Counselor: James E. Greenstein	Maria-Louises Myers: 560.900.20; Email: nmyers@arizona.edu; 1102.05.00; Gregington No salary information	PSM	36 credits	Primary advisor and at least two other committee members (AS faculty or social members) At least two must be from U of Arizona	Courswork and Internship report	16.66f	http://appliedbiocsci.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Applied Biosciences (Molecular and Cellular Biology)	Graduate		Admissions Contact/ Graduate Program Coordinator: Maria-Louises Myers, Director of Graduate Studies; Hanna F. Farns (Professor, Molecular and Cellular Biology); Professor: Cellular and Molecular Medicine; Professor: Applied Biosciences Professor: Career Development Professor; School of Information, Systems, Technology & Arts (SISTA), Department of Pathology	Maria-Louises Myers: 560.900.20; Farns: 560.900.20; Gregington No salary information	PSM	36 credits	Primary advisor and at least two other committee members (AS faculty or social members) At least two must be from U of Arizona	Courswork and Internship report	16.66f	http://appliedbiocsci.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Applied Mathematics (Certificate MS)	Graduate		Admissions Contact: Kent Olgemüller (Office Specialist, Senior); Graduate Program Coordinator (Senior): Stearny L. Labadie, Director of Graduate Studies; Myrae Eric (Associate Professor) Mathematics and Chair of Applied Mathematics, GSDP; Graduate College Degree Counselor: Christina M Inoué	Olgemüller: No salary information; Laberde: 533.00; Eric: 584.50; Inoué: 521.124.00	Certificate	12 credits	N/A, coursework only	N/A		http://appliedmath.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Applied Mathematics	Graduate	Management Information Systems, Aerospace and Mechanical Engineering, Chemical and Environmental Engineering, Civil Engineering and Engineering, Mathematics, Electrical and Computer Engineering, Materials Science and Engineering Systems and Industrial Engineering, Physiology, Radiology, Surgery, Astronomy and Space Observations, Chemistry and Biochemistry, Computer Science, Ecology and Evolutionary Biology, Geosciences, Hydrology and Water Resources, Mathematics, Physics, Planetary Sciences and Lunar Planetary Laboratory, Psychology, Social Sciences, Immunobiology, Biomedical Engineering, Neuroscience, Statistics	Admissions Contact: Kent Olgemüller (Office Specialist, Senior); Graduate Program Coordinator (Senior): Stearny L. Labadie, Director of Graduate Studies; Myrae Eric (Associate Professor) Mathematics and Chair of Applied Mathematics, GSDP; Graduate College Degree Counselor: Christina M Inoué	Olgemüller: No salary information; Laberde: 533.00; Eric: 584.50; Inoué: 521.124.00	MS	30 credits	Terminal MS does not need a committee.	Written qualifying exam		http://appliedmath.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Applied Mathematics	Graduate		Admissions Contact: Kent Olgemüller (Office Specialist, Senior); Graduate Program Coordinator (Senior): Stearny L. Labadie, Director of Graduate Studies; Myrae Eric (Associate Professor) Mathematics and Chair of Applied Mathematics, GSDP; Graduate College Degree Counselor: Christina M Inoué	Olgemüller: No salary information; Laberde: 533.00; Eric: 584.50; Inoué: 521.124.00	PHD	36 credits (6 coursework, 18 dissertation)	Comprehensive exam committee and dissertation committee require at least 3 members	Dissertation		http://appliedmath.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Art and Health Sciences	Graduate		Admissions Contact/ Graduate Program Coordinator: Maria-Louises Myers, Director of Graduate Studies; Nancy S. D'Amico (Professor, Plant Sciences, Chair, Arid Lands Natural Resources and the Environment, Soil Water and Environmental Issues, Sustainable Center, Chair Center for Studies in Public Policy)	Maria-Louises Myers: 560.900.20; Mohr: 510; D'Amico: 523.00; Gregington No salary information	PHD	63-69 credits minimum	Five members: 3 from ARS, 2 from the student's minor	Dissertation		http://arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Biomedical Engineering	Graduate		Admissions Contact/ Graduate Program Coordinator (Senior): Theodora P. Trouant (Professor, Biomedical Engineering, Associate Professor, Radiology); Associate Professor: BIOS Institute, Associate Professor: Evelyn F. McElroy (Brain Institute, Chair, Radiology); Graduate College Degree Counselor: Christina M Inoué	Stanley: 554.00.00; Trouant: 513.415.00; Inoué: 521.124.00	MS	38 credits	The MS thesis committee should be composed of at least four faculty members, two of which must be BME GSDP tenure or tenure equivalent faculty.	Thesis		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Biomedical Engineering (Accelerated master's)	Graduate		Admissions Contact/ Graduate Program Coordinator (Senior): Theodora P. Trouant (Professor, Biomedical Engineering, Associate Professor, Radiology); Associate Professor: BIOS Institute, Associate Professor: Evelyn F. McElroy (Brain Institute, Chair, Radiology); Graduate College Degree Counselor: Christina M Inoué	Stanley: 554.00.00; Trouant: 513.415.00; Inoué: 521.124.00	MS	38 credits (22 credits taken across year of undergraduate degree)	The MS thesis committee should be composed of at least four faculty members, two of which must be BME GSDP tenure or tenure equivalent faculty.	Thesis or report		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Biomedical Engineering	Graduate	Agricultural and Biosystems Engineering, Animal Sciences, Plant Sciences, Aerospace and Mechanical Engineering, Electrical and Computer Engineering, Materials Science and Engineering, Systems and Industrial Engineering, College of Optimal Sciences, Chemistry and Biochemistry, Molecular and Cellular Biology, Psychology, Speech and Hearing Sciences, Cellular and Molecular Medicine, Medicine, Geophysics, Orthopedic Surgery, Pediatrics, Physiology, Radiology, Surgery, Pharmacology and Toxicology	Admissions Contact/ Graduate Program Coordinator (Senior): Theodora P. Trouant (Professor, Biomedical Engineering, Associate Professor, Radiology); Associate Professor: BIOS Institute, Associate Professor: Evelyn F. McElroy (Brain Institute, Chair, Radiology); Graduate College Degree Counselor: Christina M Inoué	Stanley: 554.00.00; Trouant: 513.415.00; Inoué: 521.124.00	PHD	68 credit hours	The committee must consist of at least four faculty members, two of which must be BME GSDP faculty and one which must represent the minor.	Dissertation		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Cancer Biology	Graduate		Admissions Contact/ Graduate Program Coordinator: Anne H. Cook (Center Director, Research Administrator, Program Coordinator, Senior); Director of Graduate Studies: Jason C. Mortimer (Professor, Cellular and Molecular Medicine); Chair: Cancer Biology; GSDP; Director: Research; Professor: Genetia; GSDP; Graduate College Degree Counselor: Christina M Inoué	Cline: 567.233.00; Mortimer: 523.124.00; Inoué: 521.124.00	PHD		Three members from the program faculty and two from the minor field and is shared by the research advisor.	Dissertation		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Center Science	Graduate		Admissions Contact/ Graduate Program Coordinator: Neel Hancha (Business Manager, Cognitive Sciences); Director of Graduate Studies: Mary A. Peterson (Director, Cognitive Science); Professor: Psychology; Professor: Cognitive Science; Professor: Evelyn F. McElroy (Brain Institute, Chair, Radiology); Graduate College Degree Counselor: Christina M Inoué	Hirsh: 555.628; Peterson: 5217.430	Minor	12 credit hours (8 journal)	N/A, coursework only	N/A		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Entomology & Insect Science	Graduate		Admissions Contact/ Graduate Program Coordinator: Kristina Suedes, Director of Graduate Studies; Martha Hunter (Professor, Entomology); Professor: BIOS Institute; Professor: Ecology and Evolutionary Biology; Chair, Entomology/ Insect Science - GSDP; Graduate College Degree Counselor: Christina M Inoué	Suedes: No salary information; Hunter: 513.00.00; Inoué: 521.124.00	MS	30 credit hours	Three members, one is the major advisor. Two of these must be a U of Arizona faculty or approved as tenure equivalent.	Thesis		http://entomology.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Entomology & Insect Science	Graduate		Admissions Contact/ Graduate Program Coordinator: Kristina Suedes, Director of Graduate Studies; Martha Hunter (Professor, Entomology); Professor: BIOS Institute; Professor: Ecology and Evolutionary Biology; Chair, Entomology/ Insect Science - GSDP; Graduate College Degree Counselor: Christina M Inoué	Suedes: No salary information; Hunter: 513.00.00; Inoué: 521.124.00	PHD	42 credit hours (including dissertation) 18 dissertation credits required; Total 60	Four members, three are tenured or tenure track or approved as tenure equivalent. Two must be in the ES program, one from the student's minor field and an additional faculty member can be either from major or minor field.	Dissertation		http://entomology.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Genetics	Graduate		Admissions Contact/ Graduate Program Coordinator: Angela C. Hertz, Director of Graduate Studies; Maria S. Brozos (Assistant Professor, Graduate College Degree Counselor: Christina M Inoué)	Vane: 536.282.50; Culver: No salary information; Inoué: 521.124.00	MS	30 credits thesis, 35 credits non-thesis	MS committee is composed of three members; two faculty must be from Genetics Sciences	Thesis/Non-thesis		http://genetics.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Genetics	Graduate		Admissions Contact/ Graduate Program Coordinator: Angela C. Hertz, Director of Graduate Studies; Maria S. Brozos (Assistant Professor, Graduate College Degree Counselor: Christina M Inoué)	Vane: 536.282.50; Culver: No salary information; Inoué: 521.124.00	PHD		Comprehensive exam committee and dissertation committee. Comprehensive exam committee has four members, chair is the student's advisor, 2 members are from major field, one is from minor field. Dissertation committee 5 members (three genetics faculty)	Dissertation		http://genetics.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Native Nations/Budline	Graduate		Admissions Contact/ Graduate Program Coordinator: Kristina Suedes, Director of Graduate Studies; James E. Greenstein (Director of Graduate Studies); Professor: American Indian Studies; Director: Native Nations; Graduate College Degree Counselor: James E. Greenstein	Dr. Trauger: 510.000.00; Greenstein: No salary information	Certificate	12 credits coursework	N/A, coursework only	N/A		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Neuroscience	Graduate		Admissions Contact/ Graduate Program Coordinator: Kristina Suedes, Director of Graduate Studies; James E. Greenstein (Director of Graduate Studies); Director: Native Nations; Graduate College Degree Counselor: Christina M Inoué	Grabe: 550.05.00; Zimmerman: 520.522.00; Inoué: 521.124.00	PHD	71/28 in major coursework, 9 in minor coursework, 18 in dissertation	Comprehensive exam four members, at least three from neuroscience. One faculty member from minor field. Dissertation committee five members, at least three from neuroscience.	Dissertation		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Physiological Sciences	Graduate		Admissions Contact/ Graduate Program Coordinator: Nicole C. Fawcett, Director of Graduate Studies; Matthew J. Brozos (Professor, Physiology); Associate Professor: Pharmacology; Professor: Biomedical Engineering - GSDP; Chair, Physiological Sciences - GSDP; Graduate College Degree Counselor: Christina M Inoué	Fawcett: 521.00.00; Brozos: 586.281.00; Inoué: 521.124.00	MS	30 credit hours	Five members. Three with expertise in the major area of study, two representing the minor area. Two must be from the Physiological Sciences program.	Three options: thesis, publishable paper (not either a student or a comprehensive oral examination)		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Physiological Sciences	Graduate		Admissions Contact/ Graduate Program Coordinator: Nicole C. Fawcett, Director of Graduate Studies; Matthew J. Brozos (Professor, Physiology); Associate Professor: Pharmacology; Professor: Biomedical Engineering - GSDP; Chair, Physiological Sciences - GSDP; Graduate College Degree Counselor: Christina M Inoué	Fawcett: 521.00.00; Brozos: 586.281.00; Inoué: 521.124.00	PHD		Five members. Three with expertise in major area of study and two representing minor area of study.	Dissertation		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Second Language Acquisition and Teaching	Graduate		Admissions Contact/ Graduate Program Coordinator: Kathy K. Morrison-Castro, Director of Graduate Studies; Barbara C. Chubb (Professor, French and Italian); Professor: Second Language Acquisition/ Teaching; Chair: Second Language Acquisition/ Teaching; GSDP; Graduate College Degree Counselor: Christina M Inoué	Morrison-Castro: 501.500.00; Dupuy: 576.990.00; Inoué: 521.124.00	PHD		The Dissertation Committee should consist of at least three and normally not more than five faculty who are members of the SLAT Interdisciplinary Committee. One member of the Dissertation Committee (not the Chair) may be a non-member of SLAT if an Assistant Chair and SLAT Program Director agrees that the faculty member will serve a unique and significant role on the Committee, subject to approval from the SLAT Executive Council and the Graduate College.	Dissertation		https://grad.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Statistics	Graduate		Admissions Contact/ Graduate Program Coordinator: Kristina Suedes, Director of Graduate Studies; Joseph C. Watkins (Professor, Mathematics); Professor: BIOS Institute; Chair, Statistics - GSDP; Professor: Applied Mathematics - GSDP; Professor: Genetics - GSDP; Graduate College Degree Counselor: Christina M Inoué	Suedes: No salary information; Watkins: 510; 584.00; Inoué: 521.124.00	Certificate	12 credits of coursework	N/A, coursework only	N/A		http://stat.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Statistics	Graduate		Admissions Contact/ Graduate Program Coordinator: Kristina Suedes, Director of Graduate Studies; Joseph C. Watkins (Professor, Mathematics); Professor: BIOS Institute; Chair, Statistics - GSDP; Professor: Applied Mathematics - GSDP; Professor: Genetics - GSDP; Graduate College Degree Counselor: Christina M Inoué	Suedes: No salary information; Watkins: 510; 584.00; Inoué: 521.124.00	MS	30 credit hours	Three faculty. Two must be tenured or tenure track. Advisor is committee chair. Second member must be from GSDP in Statistics. Third member can be from outside the program.	Thesis or qualifying exam (plus 3 credits additional coursework)		http://stat.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Statistics	Graduate		Admissions Contact/ Graduate Program Coordinator: Kristina Suedes, Director of Graduate Studies; Joseph C. Watkins (Professor, Mathematics); Professor: BIOS Institute; Chair, Statistics - GSDP; Professor: Applied Mathematics - GSDP; Professor: Genetics - GSDP; Graduate College Degree Counselor: Christina M Inoué	Suedes: No salary information; Watkins: 510; 584.00; Inoué: 521.124.00	MS	30 credit hours	Three faculty. Two must be tenured or tenure track. Advisor is committee chair. Second member must be from GSDP in Statistics. Third member can be from outside the program.	Thesis or qualifying exam (plus 3 credits additional coursework)		http://stat.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16
Statistics	Graduate		Admissions Contact/ Graduate Program Coordinator: Kristina Suedes, Director of Graduate Studies; Joseph C. Watkins (Professor, Mathematics); Professor: BIOS Institute; Chair, Statistics - GSDP; Professor: Applied Mathematics - GSDP; Professor: Genetics - GSDP; Graduate College Degree Counselor: Christina M Inoué	Suedes: No salary information; Watkins: 510; 584.00; Inoué: 521.124.00	PHD	71 credits in coursework	Three faculty, all tenured, instructor rank or approved to serve the thesis or equivalent. Can add a third or fifth member in statistics or from the minor area.	Dissertation		http://stat.arizona.edu/submitdefault/16 https://grad.arizona.edu/submitdefault/16

Statistics	Graduate College/GSD	Family and Consumer Science, Educational Psychology, Higher Education, Systems and Industrial Engineering, Economics, Epidemiology and Statistics, Finance, Applied Mathematics, Computer Science, Mathematics, Ecology and Sustainability Biology, Health Care, Anthropology, Communication, School of Geography and Development, Sociology	Admissions Center/ Graduate Program Coordinator: Kristina Suda, Director of Graduate Studies; Joseph C. Davidson (Professor, Mathematics); BIOS Institute, Chair, Statistics; GSDP Professor, Applied Mathematics; GSDP Professor, Generalist; GSDP Graduate Degree Counselor: Christine M. Inocencio	Students: No salary information available; Website: \$105,344.00; Incentive: \$11,124.00	PhD	71 credits in coursework	Three faculty, all tenured, five or more by the time at equivalent. Can add a third or fifth member in statistics or from the minor areas.	Disertation	http://stat.uncg.edu/ http://stat.uncg.edu/gradinfo/ http://gradinfo.uncg.edu/
Technology in Second Language Teaching	Graduate College/GSD	Teaching, Learning, and Sociocultural Studies, Disability Studies	Admissions Center/ Graduate Program Coordinator: Kristina Suda, Director of Graduate Studies; Anne Marie Corrallo (Professor, Spanish and Portuguese); Professor, Second Language Acquisition	Merrin-Catone \$53,900; Incentive: \$11,124.00	Certificate	12 credits	N/A, coursework only	N/A	http://gradinfo.uncg.edu/technology/
Applied Information Management	Graduate School	Interdisciplinary studies program through the Graduate School			Masters	14 semester credits	No committee	No capstone research project	http://www.usg.edu/
Interdisciplinary Studies: Global Studies	Graduate School	Student develops a degree program on their own (with approval and support from the Graduate School)			Masters	24 quarter credits	A student shall select a chair/faculty and two additional committee members from the departments/areas identified at the time of application to the Graduate School.	This is a formal subject	http://gradinfo.uncg.edu/
Agricultural Economics and Water Resources	Interdisciplinary	Agriculture Economics, Botany, Civil Engineering, Entomology, Geography, Geology, Rangeland Ecology and Watershed Management, Soil Science, and Zoology	WRICE Program Chair: Scott Miller (Associate Professor); Executive Committee Member: Don Moulton (Professor)	Do not think this information is available (at least from a relatively reliable source)	MS - Dual Degree (2nd degree that goes along with your other degree, Agricultural Economics)	At least 10 credits from a selection of courses	No committee?	No thesis for this part of your degree	http://www.usg.edu/
American Studies	Interdisciplinary	Environmental and natural resources, Chinese, Native American and African American Studies, Literature, History, anthropology, geography, art, and political science	General contact info given (email and phone) no Department Head or Program Chair; Secretary: Susana Beck	Do not think this information is available (at least from a relatively reliable source)	MA	30 semester credit hours		Thesis and Non-Thesis options available	http://www.usg.edu/
Biomedical Sciences	Interdisciplinary	Agriculture and Natural Resources, Arts & Sciences, Engineering & Applied Science, Health Sciences	Srinivasan Raj (Associate Dean of Research, Professor of Pharmacology)	Do not think this information is available (at least from a relatively reliable source)	PhD	72 semester credit hours		Disertation	http://www.usg.edu/
Botany and Water Resources	Interdisciplinary	Agriculture Economics, Botany, Civil Engineering, Entomology, Geography, Geology, Rangeland Ecology and Watershed Management, Soil Science, and Zoology	WRICE Program Chair: Scott Miller (Associate Professor); College of Agriculture and Natural Resources	Do not think this information is available (at least from a relatively reliable source)	MS - Dual Degree (2nd degree that goes along with your other degree, Botany)	At least 10 credits from a selection of courses		No thesis for this part of your degree	http://www.usg.edu/
Civil Engineering and Water Resources	Interdisciplinary	Agriculture Economics, Botany, Civil Engineering, Entomology, Geography, Geology, Rangeland Ecology and Watershed Management, Soil Science, and Zoology	WRICE Program Chair: Scott Miller (Associate Professor); Executive Committee Member: Fred Oden	Do not think this information is available (at least from a relatively reliable source)	MS - Dual Degree (2nd degree that goes along with your other degree, Civil Engineering)	At least 10 credits from a selection of courses		No thesis for this part of your degree	http://www.usg.edu/
Ecology	Interdisciplinary	Integrates tools and perspectives from across the biological, physical, mathematical, computational, and earth sciences	Director of Program in Ecology: Dr. Bob Hall; Office Assistant: Brooke Metrick	Do not think this information is available (at least from a relatively reliable source)	PhD	72 credits, 42 of which must be coursework		Disertation	http://www.usg.edu/
Economics and Water Resources	Interdisciplinary	Agriculture Economics, Botany, Civil Engineering, Entomology, Geography, Geology, Rangeland Ecology and Watershed Management, Soil Science, and Zoology	WRICE Program Chair: Scott Miller (Associate Professor); College of Agriculture and Natural Resources	Do not think this information is available (at least from a relatively reliable source)	MS - Dual Degree (2nd degree that goes along with your other degree, Economics)	At least 10 credits from a selection of courses		No thesis for this part of your degree	http://www.usg.edu/
Food Science and Human Nutrition	Interdisciplinary/Co	Department of Family and Consumer Sciences	Program Contact: Jill Keith (Assistant Professor); D. Emmit Larson (Senior Associate Professor); Michael L. Luchman (Professor); Kristin McQueen (Assistant Professor); Margaret S. Reed (Director of the Dietetics Program in Nutrition and Dietetics); Heidi Schantz (Assistant Professor)	Do not think this information is available (at least from a relatively reliable source)	MS	30 credits hours (18 coursework, 8 in supporting courses, 8 to 10 in research, two credit hours in seminar)	Very little information available on the website. One website and a flyer.	Thesis	http://www.usg.edu/
Geography and Water Resources	Interdisciplinary	Agriculture Economics, Botany, Civil Engineering, Entomology, Geography, Geology, Rangeland Ecology and Watershed Management, Soil Science, and Zoology	WRICE Program Chair: Scott Miller (Associate Professor); College of Agriculture and Natural Resources; Executive Program Committee: William GSDP	Do not think this information is available (at least from a relatively reliable source)	MS - Dual Degree (2nd degree that goes along with your other degree, Geography)	At least 10 credits from a selection of courses		No thesis for this part of your degree	http://www.usg.edu/
Geology and Water Resources	Interdisciplinary	Agriculture Economics, Botany, Civil Engineering, Entomology, Geography, Geology, Rangeland Ecology and Watershed Management, Soil Science, and Zoology	WRICE Program Chair: Scott Miller (Associate Professor); College of Agriculture and Natural Resources; Executive Committee Members: Geology and Geospatial	Do not think this information is available (at least from a relatively reliable source)	MS - Dual Degree (2nd degree that goes along with your other degree, Geology)	At least 10 credits from a selection of courses		No thesis for this part of your degree	http://www.usg.edu/
Hydrologic Science	Interdisciplinary	Agriculture and Natural Resources		Do not think this information is available (at least from a relatively reliable source)	PhD	72 credits total (35 coursework, 4 thesis, joint degree with environmental and natural resources, 30 credits left, but a few PhD courses required, 5 in graduate level courses, 5 in research outside of class)	The standard MA committee is composed of at least three members. As a rule the committee head should be a Professor with direct ties to the Global & Area Studies program. The committee members must be tenured track Professors that hold their doctorate.	Thesis	http://www.usg.edu/
International Studies	Interdisciplinary/Co	Edge of Arts and Sciences	Director of Global & Area Studies Program: David A. Manager (Professor of History and Global & Area Studies); Office Assistant and Graduate Program Coordinator: Global & Area Studies, Erica Halpern	Do not think this information is available (at least from a relatively reliable source)	MA	72 credits (42 of 72 must be in course work)		Disertation	http://www.usg.edu/
Molecular and Cellular Life Sciences	Interdisciplinary	Biochemistry and Molecular Biology	General contact info given (email and phone)	Do not think this information is available (at least from a relatively reliable source)	PhD	72 credits (42 of 72 must be in course work)		Disertation	http://www.usg.edu/
Neuroscience	Interdisciplinary	Ecology & Physiology, Health Sciences, and Veterinary Sciences	Frank W. Flinn	Do not think this information is available (at least from a relatively reliable source)	MA/PhD	72 credits (42 of 72 must be in course work)		Disertation	http://www.usg.edu/
Water Resources (7 variants)	Interdisciplinary - Honors	Agriculture Economics, Botany, Civil Engineering, Entomology, Geography, Geology, Rangeland Ecology and Watershed Management, Soil Science, and Zoology	WRICE Program Chair: Scott Miller (Associate Professor); College of Agriculture and Natural Resources	Do not think this information is available (at least from a relatively reliable source)	MS - Dual Degree (2nd degree that goes along with your other degree)	At least 10 credits from a selection of courses		No thesis for this part of your degree	http://www.usg.edu/
Computational Science	Mathematics	Botany, Computer Science, Mathematics, Mechanical Engineering, Statistics, and Zoology	No information provided, but this is a better worked on	Do not think this information is available (at least from a relatively reliable source)	Minor	15 credits	Advisory committee comprised of two math dept. professors, one botany professor, and a professor from mechanical engineering.	Disertation	http://www.usg.edu/
Interdisciplinary Studies	College of Graduate Studies	Student and major professor nominate a program committee - there does not seem to be a separate Interdisciplinary Studies Advisor, although I assume like you stay in contact with the College of Graduate Studies		Do not think this information is available (at least from a relatively reliable source)	MA/MS	30 credits minimum	The student and major professor nominate a program committee, the committee must have at least four members, at least one from each of the principal departments or disciplines involved in the student's program, at least half of the committee members must be members of the Graduate Faculty.	Thesis and non-thesis options available	http://www.usg.edu/
Environmental Science	College of Natural Resources	Representatives of colleges at the University, including but not limited to, agriculture, geographers, biologists, ecologists, political scientists, sociologists, chemists, and hydrologists	Alister Smith (Has one hundred percent sure though, went through his faculty list, and this seemed to be the most appropriate service)	Regular Faculty, Associate Professor: \$39,532.00	MS, Ph.D., DPHD, certificate	30 credits (20 thesis, 10 non-thesis); PhD: 75 credits; Ph.D. 75; Certificate: 12 hour coursework	Three faculty members; faculty members must represent two of the three option areas (Biological Sciences, social science or physical sciences). The Major Professor counts as one of these areas. Two releases must be re-negotiated.	Thesis/Non-thesis/Disertation	http://www.usg.edu/
Bioinformatics	College of Sciences	Biological Sciences, Computer Science, Mathematical Sciences	Professor and Director, Bioinformatics & Computational Biology	Regular Faculty, Professor: \$97,224.20	MS, Ph.D, certificate	72 credits	Committee at least four members. Two bioinformatics faculty members, no requirement for a natural member.	Thesis/Disertation	http://www.usg.edu/
Water Resources	College of Agriculture and Life Sciences, Business and Economics, Engineering, Law, Science Letters, Arts, and Social Sciences, and Natural Resources	Colleges of Agriculture and Life Sciences, Business and Economics, Engineering, Law, Science Letters, Arts, and Social Sciences, and Natural Resources	Assistant Professor in the Physical Sciences (Plant, Soil, and Environmental Sciences) & Director of Water Resources	Research Faculty, Associate Professor: \$59,700.00	MS, Ph.D	MS: 30 credits, PhD: 78 credits	MS: Three members required. PhD: four members required.	Thesis/Disertation	http://www.usg.edu/
Recreational Planning	College of Arts and Architecture	10 academic departments to assist students	Professor & Head of Recreational Planning and Parks/Recreation Program	No salary information	MS, MPA, certificate	MS: 44 units of course work, certificate: 15 credit hours	For those doing a thesis, major professor and two committee members	Thesis or Final project is professional report or thesis	http://www.usg.edu/
Cell and Molecular Biology	John A. Burns School of Medicine	Faculty are drawn from the following: Basic and Clinical Sciences (Medical School), Cancer Research Center, Pacific Biomedical Research Center, College of Natural Resources, and College of Tropical Agriculture	Graduate Program Administrator	\$96,700.00	MS and PhD Cell and Molecular Biology or Neuroscience	MS: 30 credits, PhD: three full semesters of course work and one accepted peer-reviewed publication prior to acceptance date. Thesis in CS 702 each semester in the program. Plus CS 701, 702, 703. Plus one approved research method course.	MS: Three members, at least two from CMB (PhD and non-PhD) and one from non-CMB faculty. One outside committee member.	Thesis/Non-thesis/Disertation	http://www.usg.edu/
Communication and Information Sciences	Interdisciplinary Partners: School of Communication, Department of Information and Computer Sciences, Department of Information Technology Management, Urban and Information Science Program	Interdisciplinary Partners: School of Communication, Department of Information and Computer Sciences, Department of Information Technology Management, Urban and Information Science Program	CS Chair & Professor, Department of Information Technology Management	\$165,107.00	PhD	30 credits	Chair must be among faculty from CIS. This program begins with choosing the rest of the committee. Cannot find information on policies on what the rest of the committee should look like.	Thesis/Non-thesis/Disertation	http://www.usg.edu/
Global Health Protection and Security	Office of Public Health Studies	Unsure of other departments involved outside of Public Health Studies	Professor, Office of Public Health Studies	\$102,000.00	Certificate	15 credits (9 required, 6 electives)	When ECES Students form their thesis/disertation committees, they can select members from the entire ECES graduate faculty. This faculty includes faculty in 10 different departments in Lenoir and others at UN-Maine and in this as well as affiliate faculty members working in state and federal natural resource management agencies as well as NGOs.	NA	http://www.usg.edu/
Ecology, Evolution, and Conservation Biology	Participating programs: Anthropology, Cell and Molecular Biology, Botany, Entomology, Geography, Marine Biology, Microbiology, Natural Resources and Environmental Management, Oceanography, Tropical Plant and Soil Science, Zoology	Participating programs: Anthropology, Cell and Molecular Biology, Botany, Entomology, Geography, Marine Biology, Microbiology, Natural Resources and Environmental Management, Oceanography, Tropical Plant and Soil Science, Zoology	ECCE Chair & Professor, Department of Botany	\$126,468.00	Graduate Specialization Degree is granted by certificate program	4 courses + participate in "formal club"	No committee policies on the website.	NA	http://www.usg.edu/
Neuroscience	Students from a variety of disciplines can specialize in neuroscience	Students from a variety of disciplines can specialize in neuroscience	Chair & Professor, Cell and Molecular Biology	\$101,250.00	Chair & Professor, Cell and Molecular Biology	4 courses + participate in "formal club"	No committee policies on the website.	NA	http://www.usg.edu/
International Cultural Studies	Supported by the East-West Center and the College of the University of Hawaii: Arts & Humanities, Social Sciences, Languages, Linguistics and Literature, and the School of Hawaiian Areas and Pacific Studies	Supported by the East-West Center and the College of the University of Hawaii: Arts & Humanities, Social Sciences, Languages, Linguistics and Literature, and the School of Hawaiian Areas and Pacific Studies	Director of Program & Professor, Sociology	\$90,108.00	Certificate	18 credits	Student works with an advisor on capstone project	Capstone project	http://www.usg.edu/
Marine Biology	School of Ocean & Earth Science & Technology, College of Natural Sciences	School of Ocean & Earth Science & Technology, College of Natural Sciences	Co-Director Marine Biology Graduate Program: Celia M Smith (Professor in Botany, Ecology, Evolution, and Conservation Biology); Marine Biology Graduate Program: Judith Lema (Associate with Hawaii Institute of Marine Biology (HIMB))	\$113,884.00; \$110,128	MS and PhD	MS: 30 credits, 18 credits of coursework and between 5-12 of research or thesis. PhD: Those entering without an advisor must complete master's program as prescribed by the program.	MS: Three members - members must be Marine Biology grad faculty. PhD: Two members. One is a university prof. At least three must be Marine Biology faculty.	Thesis or Disertation	http://www.usg.edu/
Resource Management	Department of Urban and Regional Planning	Department of Urban and Regional Planning	Chair & Professor, Urban and Regional Planning	\$94,344.00	Certificate	12 credits hours (9 at the graduate level)	No committee. Course work only.	NA	http://www.usg.edu/
American Studies	College of Liberal Arts and Sciences				Master's				http://www.usg.edu/
An overview of Autism Spectrum disorders	Mary Lou Pullen				Certificate				http://www.usg.edu/

Anthropology (Complex educative systems column)	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/anthropology/graduate
Applied Ethics (Ethical and Health Ethics)	School for the Future of Innovation in Society	Master's	https://webapp.stjohns.edu/programs/2019/ethics
Applied ethics (Ethics and Emerging Technologies)	School for the Future of Innovation in Society	Master's	https://webapp.stjohns.edu/programs/2019/ethics-emerging
Applied Math for the Life and Social Sciences	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/math
Asian Studies	College of Liberal Arts and Sciences	Certificate	https://webapp.stjohns.edu/programs/2019/asian
Business	College of Liberal Arts and Sciences	MS	https://webapp.stjohns.edu/programs/2019/business
Creative writing	College of Liberal Arts and Sciences	MFA	https://webapp.stjohns.edu/programs/2019/creative
Critical Theory	College of Liberal Arts and Sciences	Certificate	https://webapp.stjohns.edu/programs/2019/critical
Dance	Herberger Institute for Design and Arts	MFA	https://webapp.stjohns.edu/programs/2019/dance
Design (Arts, Media, and Engineering)	Herberger Institute for Design and Arts	MSD	https://webapp.stjohns.edu/programs/2019/design
Design (Interaction Design)	Herberger Institute for Design and Arts	MSD	https://webapp.stjohns.edu/programs/2019/design-interaction
Design (New Product Innovation)	Herberger Institute for Design and Arts	MSD	https://webapp.stjohns.edu/programs/2019/design-new-product
Design (Visual Communication Design)	Herberger Institute for Design and Arts	MSD	https://webapp.stjohns.edu/programs/2019/design-visual
Design, Environment and the Arts (Digital culture in Design and Arts)	Herberger Institute for Design and Arts	PHD	https://webapp.stjohns.edu/programs/2019/design-environment
Design, Environment and the Arts (Healthcare and Innovative Environments)	Herberger Institute for Design and Arts	PHD	https://webapp.stjohns.edu/programs/2019/design-environment-healthcare
Dietary Culture	Herberger Institute for Design and Arts	Master's	https://webapp.stjohns.edu/programs/2019/dietary
Dietary Humanities	College of Liberal Arts and Sciences	Certificate	https://webapp.stjohns.edu/programs/2019/dietary-humanities
Enrich	New College of Interdisciplinary Arts and Sciences	Master's	https://webapp.stjohns.edu/programs/2019/enrich
Environmental Social Science (Complex educative systems)	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/es-science
Environmental Social Science	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/es-science
Environmental Social Science (Urbanism)	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/es-science-urbanism
Gender Studies	College of Liberal Arts and Sciences	Certificate	https://webapp.stjohns.edu/programs/2019/gender
Gender Studies	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/gender
Global Development and Innovation	School for the Future of Innovation in Society	Certificate	https://webapp.stjohns.edu/programs/2019/global
Global Health (Complex educative systems column)	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/global-health
Global Health	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/global-health
Global Health (Urbanism)	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/global-health-urbanism
Global Sustainability Leadership	School of Sustainability	Certificate	https://webapp.stjohns.edu/programs/2019/global
Global Technology and Development	School for the Future of Innovation in Society	MS	https://webapp.stjohns.edu/programs/2019/global-technology
Healthcare and Health Environments	Herberger Institute for Design and Arts	MSD	https://webapp.stjohns.edu/programs/2019/healthcare
History and Philosophy of Science	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/history
History and Theory of Art	Herberger Institute for Design and Arts	PHD	https://webapp.stjohns.edu/programs/2019/history-theory
Human and Social Dimensions of Science and Technology	School for the Future of Innovation in Society	PHD	https://webapp.stjohns.edu/programs/2019/human
Infant - Family Practice	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/infant
Institutional Research and Policy Analysis	Mary Lou Pugh Teachers College	Certificate	https://webapp.stjohns.edu/programs/2019/institutional
Interdisciplinary Studies	New College of Interdisciplinary Arts and Sciences	Master's	https://webapp.stjohns.edu/programs/2019/interdisciplinary
Interior Architecture	Herberger Institute for Design and Arts	MA	https://webapp.stjohns.edu/programs/2019/interior
International Letters and Culture	College of Liberal Arts and Sciences	PHD	https://webapp.stjohns.edu/programs/2019/international
Latino Culture and Competency in Social Work	College of Public Service and Community Solutions	Certificate	https://webapp.stjohns.edu/programs/2019/latino
Leadership and Innovation	Mary Lou Pugh Teachers College	EDD	https://webapp.stjohns.edu/programs/2019/leadership
Learning Sciences	Mary Lou Pugh Teachers College	Master's	https://webapp.stjohns.edu/programs/2019/learning
Learning, Literacies, and Technologies	Mary Lou Pugh Teachers College	PHD	https://webapp.stjohns.edu/programs/2019/learning-literacies

Liberal Studies (Fine and Media Studies)	College of Liberal Arts and Sciences	MLSI	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MLSI
Liberal Studies	College of Liberal Arts and Sciences	MLSI	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MLSI
Marriage and Family Therapy	College of Liberal Arts and Sciences	MAS	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MAS
Historical Science and Environment	Ira A. Fulton School of Earth and Environment	PHD	https://webapp.ans.edu/programs/5/programs/19/degrees/19/PHD
Museum Studies	College of Liberal Arts and Sciences	Certificate	https://webapp.ans.edu/programs/5/programs/19/degrees/19/Certificate
Museum Studies	College of Liberal Arts and Sciences	MA	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MA
Music	Herberger Institute for Design and Arts	OMA	https://webapp.ans.edu/programs/5/programs/19/degrees/19/OMA
Music	Herberger Institute for Design and Arts	MM	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MM
Nonfiction writing and publishing	College of Liberal Arts and Sciences	Certificate	https://webapp.ans.edu/programs/5/programs/19/degrees/19/Certificate
Obesity Prevention and Management	College of Health Solutions	MS	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MS
Philosophy (History and Philosophy of Science)	College of Liberal Arts and Sciences	MA	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MA
Philosophy (History and Philosophy of Science)	College of Liberal Arts and Sciences	PHD	https://webapp.ans.edu/programs/5/programs/19/degrees/19/PHD
Responsible Innovation in science, engineering, and society	School for the Future of Innovation in Society	Certificate	https://webapp.ans.edu/programs/5/programs/19/degrees/19/Certificate
Socially engaged practice in design and the arts	Herberger Institute for Design and Arts	Certificate	https://webapp.ans.edu/programs/5/programs/19/degrees/19/Certificate
Statistics	College of Liberal Arts and Sciences	MS	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MS
Supply chain management and entrepreneurship	W. P. Carey School of Business	MS	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MS
Sustainability Leadership Executive	School of Sustainability	EMSL	https://webapp.ans.edu/programs/5/programs/19/degrees/19/EMSL
Technical Communication	College of Integrative Sciences and Arts	MS	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MS
Theatre	Herberger Institute for Design and Arts	MFA	https://webapp.ans.edu/programs/5/programs/19/degrees/19/MFA
Transportation Systems	College of Liberal Arts and Sciences	Certificate	https://webapp.ans.edu/programs/5/programs/19/degrees/19/Certificate