2016-2017
WMHS
Graduate Policies & Procedures

Water Management & Hydrological Science Program
Texas A&M University

waterprogram.tamu.edu
**Introduction and Overview**

The mission of the Water Management and Hydrological Science program (hereafter WMHS) is

- Prepare the next generation of water scientists, hydrologists and managers for professional and academic careers.
- Provide graduate students with strong technical skills in water disciplines including the interconnectedness of biophysical and social sciences in water management.
- Improve the availability, security and reliability of human water supplies.

The WMHS degree program is administered by interdisciplinary faculty from four colleges and multiple departments. It is University based program. Two masters’ degrees (a thesis and non-thesis option) and a Ph.D. degree are offered through the program. The WMHS Program is under the guidance of an Executive Committee, the College of Geosciences, and the Dean of Faculties. The Department of Geography provides administrative and student office space and computer facilities.

More than 50 faculty from 12 academic departments in the Colleges of Architecture, Agriculture and Life Sciences, Engineering, and Geosciences participate in the WMHS program. Faculty have expertise in the bio-physical and social sciences and in engineering. The curriculum is designed to allow students to become leaders in their focal areas of water while making connections to colleagues in other related disciplines.

**Contacts**

**Dr. Ronald Kaiser**, Professor and Chair  
409 Agriculture and Life Sciences Building  
845-5303  
rkaiser@tamu.edu

**Dr. Rosario Sanchez**, Program Coordinator  
213 Teague Building  
845-2027  
rosario@tamu.edu

**International Student Services**  
Bizzell East  
845-1824

**Violetta Cook**, Director Sponsored Student Programs  
352 Bizzell Hall West  
845-2550  
vcook@tamu.edu

**Graduate Admissions**  
1601 General Services Complex  
845-1044  
http://admissions.tamu.edu
International Admissions
http://admissions.tamu.edu
845-1043 international-admission@tamu.edu

Office of Graduate and Professional Studies
302 Jack Williams Administration
845-3631 http://OGS.tamu.edu

Thesis Office, Submit thesis/dissertations
Evans Library 845-2225

Off Campus Center*, Housing assistance, etc.
Department of Student Life
845-1741 stulife@tamu.edu

*Students should check web sites such as www.monstermoving.com and the Bryan-College Station Eagle (local newspaper) at www.theeagle.com for additional information concerning housing in the Bryan-College Station area.

General Requirements

This document summarizes policies and procedures to be followed by graduate students in Water Management and Hydrological Science. Students should consult the Graduate Catalog or the Office of Graduate and Professional Studies on all other matters not discussed in the handbook.

Grade Point Average
Graduate students must maintain a cumulative grade point average (GPA) of 3.0 (4.0 scale) for all courses listed on the degree plan and eligible for application toward a graduate degree. Graduate students will not receive graduate degree credit for undergraduate courses taken on a satisfactory/unsatisfactory (S/U) basis. Graduate courses on the degree plan may not be taken S/U, except for 681, 690, 691. Graduate courses not on the degree plan may be taken S/U.

If a student’s cumulative GPA for courses listed on the degree plan falls below 3.0 they will be considered scholastically deficient and may be dropped from the University unless the minimum GPA is attained by the end of the next long semester.

Language Requirement
International students, whose native language is not English, are required to show English language proficiency. For requirements see Page 13 & 14 of Graduate Advisor Handbook available at http://ogs.tamu.edu/files2011/06/graduateadvisorhandbook.pdf

Continuous Registration
Graduate students receiving 12 months of University financial assistance must register for 9 credit hours during each of the Fall and Spring semesters, and 6 hours during the Summer (either 6 hours during the 10-week session or 3 hours in each of the 5-week sessions). This constitutes full-time status. Students who are self supported are not required to meet these guidelines.
All students working on a degree requiring a thesis, or dissertation, must be in continuous registration. This continuous registration includes graduate students who have completed all course work on their degree plans. Once all formal course work is completed and the student is not on assistantship, or fellowship, continuous registration is satisfied by registration for at least 1 and not more than 4 hours during the Fall and Spring semesters. Summer semester registration is ONLY required if the student is on funding, plans to take examinations or otherwise use University resources or facilities, or defend their thesis or dissertation. The continuous registration can be satisfied either:

In Absentia: the student must not have access to or use of facilities or properties belonging to the Texas A&M System during the semester;

In Residence: students who will be on campus or located at one of the Research and Extension Centers or Experiment Stations, and therefore using University facilities must register “in residence” for at least 1 credit hour during the Fall and Spring semesters, and the Summer semester if taking exams or defending.

NOTE: INTERNATIONAL STUDENTS may have additional requirements and should consult with International Student Services (845-1824) to remain in compliance with immigration requirements and enrollment status.

NOTE: SELF SUPPORTED STUDENTS are not required to register during the summer sessions regardless of whether or not they have completed their formal course work.

Other Important Information

Financial and Departmental Travel/Driving Issues
Every graduate student should make an appointment with their advisor, or with the WMHS Chair as soon as possible upon arrival on campus. If applicable they will advise the student on insurance options, initiate the employment process, and initiate the process to determine eligibility to drive departmental vehicles.

Computer Account, E-mail, etc.
Every graduate student should contact the WMHS Program Coordinator to complete necessary forms to establish an E-mail account, provide biographical data for their personal web page, and have their picture taken for the WMHS picture board. Your University e-mail will be used to notify you of official University/WMHS news.

Parking Permit
Go online to http://transport.tamu.edu and follow the prompts. This site will also provide permit pricing information. Students should read ALL information in their parking packet. Traffic on campus is closely monitored for safety reasons.
**Student I.D. Card**
As soon as a student has registered for class (i.e., pre-registered) then they should visit the General Services Building (on Agronomy Road) Suite 2801, to obtain a University ID card. This card will be used for access to University events and library use.

**After hours Teague building access**
Students that will be using labs or computers after 6:00 pm or during weekends, must submit their request at: [http://bars.tamu.edu](http://bars.tamu.edu)

**Office Assignment**
Students may be assigned office space in labs or buildings under the immediate control of their committee chair or co-chair. If they are to be assigned office space in one of the WMHS graduate student offices they should see the WMHS Program Coordinator for office assignments.

**Keys**
Students will need key(s) to their office and other areas depending upon responsibilities assigned by their committee chair. Keys WMHS offices can be obtained from the WMHS Program Coordinator.

**Computer Lab**
Graduate students have open access to computers housed in the Department of Geography. Please visit with the program Coordinator for access codes.

**Travel authorization:** All graduate students who must travel on official business must complete the proper travel authorization forms PRIOR to such travel. Students should visit with their committee chair for proper forms.
WMHS General Requirements

Meet with WMHS Graduate Coordinator
Before the start of the first semester meet with the WMHS Program Coordinator to review a schedule of classes.

Graduate Advisory Committee
Students should, in consultation with their committee chair, identify appropriate faculty in the WMHS Program and other departments to serve as members of their graduate advisory committee. All committee members must be members of the Graduate Faculty at Texas A&M University.

Master of Water Management (MWM) Advisory Committee
Normally consists of three (3) members. At least two (2) members must be members of the WMHS faculty. The Program Chair will serve as the chair for all MWM student advisory committees. The advisory committee must be established before the end of the student’s second long semester. Failure to do so will result in a registration block by the Office of Graduate and Professional Studies.

Master of Science Advisory Committee
Normally consists of three (3) members. At least two (2) members must be members of the WMHS faculty. The committee chair must be a member of the WMHS faculty. The advisory committee must be established before the end of the student’s second long semester. Failure to do so will result in a registration block by the Office of Graduate and Professional Studies.

Doctoral of Philosophy Advisory Committee
Normally consist of the chair and at least 3 additional members. The chair and at least two members must be members of the WMHS faculty. The advisory committee must be established before the end of the student’s third long semester. Failure to do so will result in a registration block by the Office of Graduate and Professional Studies.

Degree Plan
Masters degrees. In consultation with their advisory committee, students MUST submit a degree plan that identifies the courses leading to the masters’ degree. The degree plan (http://ogsdpss.tamu.edu) must be approved by the student's advisory committee, the Program Coordinator, Program Chair, and the Office of Graduate and Professional Studies. The degree plan must be submitted to OGAPS before the end of the student’s second long semester and no later than 90 days prior to final oral or thesis defense. Failure to do so will result in a registration block being placed on the student by OGAPS. Degree plans are submitted through an on-line process initiated by the student after consultation with their advisory committee.

Doctoral degree. In consultation with their advisory committee, students MUST submit a degree plan that identifies the courses leading to the Ph.D. degree. The degree plan (http://ogsdpss.tamu.edu) must be approved by the student's advisory committee, the Program Coordinator, Program Chair, and the Office of Graduate and Professional Studies. The degree plan must be submitted to OGAPS before the end of the student’s third long semester and no later than 90 days prior to preliminary examination. Failure to do so will result in a registration block being placed on the student by OGAPS. This is an on-line process initiated by the student after consultation with their advisory committee.
WMHS Degree Requirements

*Master of Water Management Degree (MWM) (minimum of 36 credit hours required: non-thesis)*

This degree is intended to provide professional graduate education with an emphasis on the use of problem solving, management and technical skills.

**Required Water Courses (8 hours)**

- WMHS 601/GEOG 634 Hydrology and Environment
- WMHS 602 Contemporary Issues in Water Resources
- WMHS 681 Seminar-a minimum of 2 credit hours

**Common Body of Knowledge Water Courses (12 hours)**

- RENR 662 Environmental Law and Policy
- AGEC 604 Natural Resource Economics or AGEC 606 Water Resource Economics
- CVEN 664 Water Resources Engineering, Planning and Management
- GOEG 626 Fluvial Geomorphology or GEOL 614 Hydrogeology

**Required Water Courses (minimum of 6 hours)**

Courses from the required water course list.

**Electives (up to 10 hours)**

Hours and courses determined by student and student advisory committee.

**Final Exam**

A final exam is required. As part of the exam process students in consultation with the advisory committee chair will prepare a presentation addressing a water issues to present to their graduate committee.

**Summary of Steps Leading to Master of Water Management Degree**

<table>
<thead>
<tr>
<th>Item</th>
<th>Timeline</th>
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<tbody>
<tr>
<td>Meet with WMHS Coordinator/Chair</td>
<td><em>When:</em> Before first semester starts</td>
</tr>
<tr>
<td>Establish Advisory Committee</td>
<td><em>When:</em> Before end of second semester</td>
</tr>
</tbody>
</table>
| Submit Degree Plan            | *When:* Before end of second semester (OGAPS will block registration if not submitted).  
                               |   *Approval:* On-line approval process.                                   |
| Apply for Degree              | *When:* During first week of final semester                             |
| Pay Graduation Fees           | See OGAPS calendar                                                      |
| Submit Paper to Advisory Committee | *When:* At least 2 weeks before final exam                              |
Submit request to OGAPS for permission to schedule final exam

When: Must be received by OGAPS at least 10 working days prior to the exam. See OGAPS calendar for deadlines.

Approval: Advisory Committee, WMHS Program Chair, OGAPS

*MWM students will graduate with the College of Agriculture*
**Master of Science (minimum of 32 credit hours required: thesis)**
The degree is designed for students with technical backgrounds who wish to complement their primary discipline by obtaining scientific, technical, or managerial expertise in water. In addition to the water courses students are required to take one research methods class and one statistics class from the designated list.

**Required Water Courses (8 hours)**
WMHS 601/GEOG 634 Hydrology and Environment
WMHS 602 Contemporary Issues in Water Resources
WMHS 681 Seminar-a minimum of 2 credit hours

**Required Research Methods and Statistics Courses (3 hours)**
Courses from designated list

**Required Water Courses (minimum of 12 hours)**
Courses from the required water course list.

**Electives (up to 6 hours)**
Hours determined by student and student advisory committee. Any tools, planning or certificate courses are allowed. Students may opt to add an additional course in lieu of some research hours.

**Research Hours (1 hour minimum)**
Hours determined by student and student advisory committee. One (1) hour is the University minimum for a thesis. Student may opt to take more coursework in lieu of research hours.

*Maximum of 4 (four) WMHS/OTHER DEPARTMENT 685 credit hours are allowed in the degree plan.*

**Summary of Steps Leading to Master of Science Degree**

<table>
<thead>
<tr>
<th>Item</th>
<th>Timeline</th>
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<tbody>
<tr>
<td>Meet with WMHS Coordinator/Chair</td>
<td><em>When</em>: Before first semester starts</td>
</tr>
<tr>
<td>Establish Advisory Committee</td>
<td><em>When</em>: Before end of second semester</td>
</tr>
<tr>
<td>Submit Degree Plan</td>
<td><em>When</em>: Before end of second semester (OGAPS will block registration if not submitted). <em>Approval</em>: On-line approval process.</td>
</tr>
<tr>
<td>Prepare Thesis Proposal</td>
<td><em>When</em>: During last semester of coursework, or at time and direction of Advisory Committee Chair.</td>
</tr>
<tr>
<td>Submit Thesis Proposal to OGAPS</td>
<td><em>When</em>: At direction of Advisory Committee Chair (at least 15 days prior to submission of the Request for Final Exam to OGAPS).</td>
</tr>
<tr>
<td>Apply for Degree</td>
<td><em>When</em>: During first week of final semester</td>
</tr>
</tbody>
</table>
Pay Graduation Fees  See OGAPS calendar

Submit Thesis to Advisory Committee  When: At least 2 weeks before final exam

Submit request to OGAPS for permission to schedule final thesis exam  When: Must be received by OGAPS at least 10 working days prior to the exam. See OGAPS calendar for deadlines.  Approval: Advisory Committee, WMHS Program Chair, OGAPS

Submit Thesis  When: See OGAPS calendar for each semester deadline. See Thesis Manual for format  Approval: Advisory Committee, WMHS Program Chair

*Students will graduate with the College of Agriculture.*
*Doctor of Philosophy (minimum of 64 credit hours beyond masters degree required)*

This degree is designed to give students comprehensive knowledge of water science, hydrology and research methods. Each student must have a chair before they can be accepted into the program. Students who have not taken graduate courses in statistics and research methods will be required to take one research methods and two statistics courses from the designated list.

**Required Water Courses (9 hours)**

WMHS 601/GEOG 634 Hydrology and Environment  
WMHS 602 Contemporary Issues in Water Resources  
WMHS 681 Seminar-Up to 3 credit hours of seminar courses

**Required Research Methods and Statistics Courses (9 hours)**

At least one methods course and two statistics courses from the designated list.

**Required Water Courses (minimum of 18 hours)**

Courses from the required water course list.

**Electives (up to 9 or more hours)**

Elective courses to be chosen by student and their advisory committee. Any tools, planning or certificate courses are allowed. Students may opt to add an additional course in lieu of some research hours.

**Research Hours (18 hours or more)**

A dissertation written on original research as directed by the student’s advisory committee

*Maximum of 6 (six) WMHS/OTHER DEPARTMENT 685 credit hours are allowed in the degree plan.*

**Steps Leading to a Doctor of Philosophy**

There are several steps that must be successfully completed to fulfill the requirements for the Ph.D. degree in Water Management and Hydrological Science. These include:

**Complete English Language Requirements**

INTERNATIONAL STUDENTS must meet English language requirements before they can schedule their preliminary exams.

**Complete Residence Requirements**

Graduate students who have lived away from College Station and attended classes at the College Station campus in a sporadic fashion must verify with the OGAPS that they have met the residence requirements. These requirements state that the student must reside and attend classes at the College Station campus for 2 consecutive long semesters. The OGAPS must confirm that the residence requirement has been fulfilled before students can schedule their final exam.

Students should consult the Graduate Catalog or the Office of Graduate and Professional Studies on all other matters not discussed in the handbook. Additional information can be found in the...
Texas A&M University Graduate Catalog, which can be found on-line at www.tamu.edu/admissions/catalogs/
## Summary of Steps to Fulfill Doctoral Degree

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meet with WMHS Program Coordinator</td>
<td><em>When:</em> Before first semester registration</td>
</tr>
<tr>
<td>Establish Advisory Committee</td>
<td><em>When:</em> Before end of third long semester</td>
</tr>
<tr>
<td>Submit Degree Plan</td>
<td><em>When:</em> Before end of third long semester <em>Approval:</em> On-line process after consultation with advisory committee.</td>
</tr>
<tr>
<td>Complete, if applicable, English language Proficiency requirements</td>
<td><em>When:</em> Before preliminary exams</td>
</tr>
<tr>
<td>Review Preliminary Eligibility Requirements (see OGAPS homepage forms link for checklist)</td>
<td><em>When:</em> Several weeks before the proposed date of the preliminary exams. Checklist must be signed by advisory committee chair, WMHS Program Chair. Checklist is held and submitted to OGAPS with the results of the preliminary exam(s).</td>
</tr>
<tr>
<td>Prepare and submit any petitions found necessary from review of eligibility requirements</td>
<td><em>When:</em> At least 3 weeks before preliminary exams <em>Approval:</em> Advisory Committee, WMHS program chair, OGAPS</td>
</tr>
<tr>
<td>Determine date(s) of the preliminary exam</td>
<td><em>When:</em> Student must be within 6 credit hours of completion of all formal course work or no later than the end of the semester following completion of all formal course work on the degree plan. <em>Approval:</em> Advisory Committee, WMHS Program Chair</td>
</tr>
<tr>
<td>Complete preliminary exams and submit Report of the Preliminary Examination and the Preliminary Examination Checklist to OGAPS</td>
<td><em>When:</em> Complete within 3 weeks time frame and report results to OGAPS within 10 working days. <em>Approval:</em> Advisory committee. For record keeping also provide copy to WMHS Program Chair.</td>
</tr>
<tr>
<td>Submit dissertation proposal</td>
<td><em>When:</em> At a minimum of no less than 15 days prior to request for the final exam. <em>Approval:</em> Advisory committee, WMHS Program Chair.</td>
</tr>
<tr>
<td>Complete residency requirement</td>
<td><em>When:</em> Before submitting request to schedule final exam. <em>Approval:</em> OGAPS</td>
</tr>
<tr>
<td>Submit dissertation draft to advisory committee chair for review and approval</td>
<td><em>When:</em> Before submitting dissertation to committee</td>
</tr>
<tr>
<td>Submit dissertation draft to committee</td>
<td><em>When:</em> After review and approval by chair</td>
</tr>
<tr>
<td>Apply for degree, pay graduation fees</td>
<td><em>When:</em> During first week of final semester (see OGAPS calendar for deadlines). <em>Approval:</em> OGAPS</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Task</th>
<th>When</th>
<th>Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submit request for permission to hold and announce final exam</td>
<td>Must be received by OGAPS at least 10 working days prior to exam (See OGAPS calendar for deadlines).</td>
<td>Advisory committee, WMHS Program Chair, OGAPS. Note: Results to be submitted to OGAPS within 10 working days of the exam.</td>
</tr>
<tr>
<td>Submit Dissertation &amp; signed approval form</td>
<td>See OGAPS calendar for each semester deadline</td>
<td>Advisory Committee, WMHS Program Chair</td>
</tr>
</tbody>
</table>

*Students will graduate with the College of their corresponding advisors*
Appendix A

**Required Water Courses**

*Climate*
- ATMO 629 Climate Change. Credit 3.
- ATMO 631 Climate Modeling. Credit 3.
- GEOG 612 Applied Climatology. Credit 3.
- GEOG/GEOL 642 Past Climates. Credit 3.

*Surface Water Hydrology*
- BAEN 667 Entropy Theory and its Application in Water Engineering. Credit 3
- CVEN 628 Advanced Hydraulic Engineering. Credit 3.
- CVEN 675 Stochastic Hydrology. Credit 3.
- GEOL 610 Field Methods in Hydrogeology. Credit 3.
- GEOG 626 Fluvial Geomorphology. Credit 3.

*Small Watershed Hydrology*
- BAEN 672 Small Watershed Hydrology. Credit 3.
- BAEN 673 Modeling Small Watersheds. Credit 3.
- ESSM 636 Range and Forest Watershed Management. Credit 3.
- GEOL 633 River Restoration. Credit 3.

*Ecohydrology*
- ESSM 635 /GEOG 623 Ecohydrology. Credit 3
- GEOG 626 Fluvial Geomorphology. Credit 3.
- GEOL 633 River Restoration. Credit 3.

*Groundwater*
- BAEN 674 Vadose Zone Hydrology. Credit 3.
- BAEN 675 Hydrology Across Scale. Credit 3.
- CVEN 674 Groundwater Engineering. Credit 3.
- GEOL 614 Hydrogeology. Credit 3.
- GEOL 610 Field Methods in Hydrogeology. Credit 3.
- GEOL 646 Biogeochemical Cycling in Subsurface Systems. Credit 3.
- SCSC 657 Environmental Soil and Water Science. Credit 3.

*Water Quality*
BAEN 655 Design of Biological Waste Treatment Systems. Credit 3
BAEN 669 Water Quality Engineering. Credit 3.
CVEN 604 Environmental Analysis of Treatment Systems. Credit 3.
CVEN 609 Environmental Control of Oil and Hazardous Materials Spills. Credit 3.
CVEN 682 Environmental Remediation of Contaminated Sites. Credit 3.
GEOL 621 Contaminant Hydrogeology. Credit 3.
GEOL 640 Geochemistry of Natural Waters. Credit 3.
GEOL 646 Biogeochemical Cycling in Subsurface Systems. Credit 3.
SCSC 657 Environmental Soil and Water Science. Credit 3.
WFSC 650 Aquatic Microbial Ecology. Credit 3.

**Wetlands.**
ESSM 628 Wetland Delineation. Credit 3.
ESSM 648 Wetland Plant Taxonomy. Credit 3.
WFSC 611 Estuarine Ecology. Credit 4
WFSC 621 Aquatic Ecology. Credit 3.
WFSC 628 Wetland Ecology. Credit 3.
WFSC 629 Lower Food Web Dynamics of Aquatic Ecosystems. Credit 3

**Water Management**
AGEC 606 Water Resource Economics. Credit 3.
CVEN 664 Water Resources Engineering, Planning and Management. Credit 3
ESSM 636 Range and Forest Watershed Management. Credit 3.
RENR 662 Water and Environmental Law. Credit 3.
BAEN/CVEN 642: Water Energy Food Nexus: Toward Sustainable Resource Management
Required Research Methods and Statistics Courses

Methods Courses*
AGEC 607 Research Methodology. Credit 3.
BAEN 662 Statistical Methods in Biological and Agricultural Engineering. Credit 3.
BUSH 631 Quantitative Methods in Public Management I. Credit 3.
BUSH 632 Quantitative Methods in Public Management II. Credit 3.
CARC 601 Foundations of Research in Planning and Design. Credit 3.
CARC 602 Research Methods in Planning and Design. Credit 3.
CVEN 661 Research Methods for Engineers. Credit 3.
EPSY 636 Techniques of Research. Credit 3.
GEOG 611 Geographical Research Design. Credit 3.
PLAN 604 Planning Methods I. Credit 3.
PLAN 613 Planning Methods and Techniques. Credit 3.
URSC 641 Analytic Methods in Landscape and Urban Research. Credit 3.
WFSC 609 Wildlife Research Methods. Credit 3.
*Any other methods course relevant to student’s research

Statistics Courses*
BAEN 662 Statistical Methods in Biological and Agricultural Engineering. Credit 3.
STAT 651 Statistics in Research I. Credit 3.
STAT 652 Statistics in Research II. Credit 3
STAT 653 Statistics in Research III. Credit 3.
STAT 626 Methods in Time Series Analysis. Credit 3.
*Any other statistics course relevant to student’s research.
Possible Electives

Informatics and Geographic Information Systems
BAEN/ESSM 651 Geographic Information Systems. Credit 3.
BAEN/ESSM 652 Advanced Topics in Geographic Information Systems. Credit 3.
CVEN 658 Civil Engineering Applications of GIS. Credit 3.
GEOG 651 Remote Sensing for Geographical Analysis. Credit 3.
GEOG 660 Applications in GIS. Credit 3.
GEOG 661 Digital Image Processing and Analysis. Credit 3.
GEOG 665 GIS-Based Spatial Analysis and Modeling. Credit 3.
GEOG 695 Frontiers in Geographic Information Science. Credit 3.
PLAN 625 GIS in Landscape and Urban Planning. Credit 3.

Planning
ESSM 672 Environmental Impact Analysis for Renewable Natural Resources. Credit 3
PLAN 616 Analyzing Risk/Hazard and Public Policy. Credit 3.
PLAN 620 Dispute Resolution in Planning. Credit 3.
PLAN 641 Problems of Environmental Planning Administration. Credit 3.
PLAN 669 Urban Infrastructure Planning. Credit 3.

Economics, Law, Management, Policy
ACCT 640 Accounting Concepts and Procedures I. Credit 3.
AGEC 604 Natural Resource Economics. Credit 3.
AGEC 659 Ecological Economics. Credit 3.
MGMT 655 Survey of Management. Credit 3.
MGMT 639 Negotiations. Credit 3.
MRKT 621 Survey of Marketing. Credit 3.
POLS 645 Politics, Policy and Administration. Credit 3.
RENR 664 Coastal Zone Management. Credit 3.
RENR 660 Environmental Impact Analysis for Renewable Natural Resources. Credit 3.
SOCI 616 Political Sociology. Credit 3.

Biophysical Sciences
BAEN 655 Design of Biological Waste Treatment Systems. Credit 3
ESSM 622 Biogeochemistry of Terrestrial Ecosystems. Credit 3.
GEOG 666 Coastal Geomorphology. Credit 3
GEOL 635 Engineering Geology. Credit 3
GEOL 641 Environmental Geochemistry. Credit 3
GEOL 646 Biogeochemical Cycling in Subsurface Systems. Credit 3.
SCSC 615 Reclamation of Drastically Disturbed Lands. Credit 3
SCSC/POSC 619 Molecular methods for Microbial Characterization. Credit 3.
SCSC 637 Environmental Microbiology. Credit 3.
SCSC 650 Mode of Action and Environmental Fate of Herbicides. Credit 3
WFSC 639 Wildlife Ecotoxicology. Credit 3.
WMHS Faculty

Jacqueline Ann Aitkenhead-Peterson, Associate Professor
Soil and Crop Sciences

370 Heep Bldg, 2474 TAMU
979-845-3041  jpeterson@ag.tamu.edu
Research Interests: Mechanisms that influence carbon, nitrogen, and phosphorous cycling and loss to surface water under different land uses within watersheds

Srinivasulu, Assistant Professor,
Biological and Agricultural Engineering
Texas Agrilife Research in Vernon Texas

Research Interests: Water quality assessment, irrigation and drainage, groundwater-surface water interactions
P.O. Box 1658, 11708 Highway 70 South
Vernon, Texas – 940.552.9941, ext 232 –sriniale@ag.tamu.edu

Robin Autenrieth, Professor
Civil Engineering

WERC 205-E, 3136 TAMU
979-845-3593  rautenrieth@civil.tamu.edu
Research Interests: Physical and chemical parameters of microbial water contamination; risk assessment framework for human health risks

Bill Batchelor, Professor
Civil Engineering

WERC 205-H, 3136 TAMU
979-845-1304  bill-batchelor@tamu.edu
Research Interests: Treatment systems for water, wastewater, hazardous wastes and contaminated soils; technologies for improving desalination and industrial cooling water systems; water and energy systems

Michael Bishop, Professor and
Haynes Chair in Geosciences
Geography

O&M 707 E MS 3147 TAMU
979-862-4487  michael.bishop@tamu.edu
Research interests: Alpine glaciers, mountain hydrology, Surface runoff and erosion
Diane E. Boellstorff, Assistant Professor and Extension Water Resources Specialist, Texas A&M Agrilife Extension Service

Heep Bldg. 979.458.3562 – dboellstorff@tamu.edu
Research Interests: Water resource planning and management; effective outreach and stakeholder involvement; water conservation; source water protection and public health.

Jean Bowman, Research Scientist, Office of V-P for Research

309C Administration Building
979-458-1140 jbowman@tamu.edu
Research Interests: Climate change and hydrology

Samuel D. Brody, Professor Landscape Architecture and Urban Planning

C104A Langford, 3137 TAMU
979-458-4623 sbrody@arch.tamu.edu
Research Interests: Adaptive floodplain management; wetlands banking and mitigation; urban watershed management and planning

Kelly Brumbelow, Associate Professor Civil Engineering

205-L, Wisenbaker, 3136 TAMU
979-458-2678 kbrumbelow@civil.tamu.edu
Research Interests: Water resources planning and management; decision support systems; climate variability and climate change effects; assessment of water resources policy

Anthony Cahill, Professor Civil Engineering

WERC 205-J, 3136 TAMU
979-862-3858 tcahill@civil.tamu.edu
Research Interests: Soil moisture and watershed hydrology; stochastic hydrology; numerical modeling; low slope hydrology
Kung-Hui (Bella) Chu, Associate Professor  
Civil Engineering

205G WERC, 3136 TAMU  
979-845-1403  kchu@civil.tamu.edu  
Research Interests: Biodegradation and biotransformation of contaminants in groundwater, soils, and wastewater

Gabriel Eckstein, Professor  
Texas A&M University School of Law

1515 Commerce Street Fort Worth, Texas – 817.212.3912 – gabrieleckstein@law.tamu.edu  
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