

**Minutes**  
**Commission on Graduate Studies & Policies**  
**April 17, 2013**  
**3:30 pm – 5:00 pm**  
**Graduate School Conference Room**

Present: Ms. Shaimaa Abdallah, Dr. Chad Bolding, Mr. Marc Brodsky, Dr. Karen DePauw, Ms. Nancy Dudek, Dr. Joe Eifert, Dr. Bernice Hausman, Dr. Jennifer Hodgson for Dr. Gerhardt Schurig, Dr. Karen Hult, Dr. Patrick Miller, Dr. Wayne Neu, Dr. Mayuresh Patil, Mr. Greg Purdy, Dr. Stephen Smith, Dr. Victoria Soghomonian, Dr. Dan Thorp, Mr. Nicholas Vaught

Absent with Notification: Mr. Jordon Booker, Dr. Kay Dunkley, Dr. Alireza Haghghat, Mr. Mohammad Jalali, Dr. Linda Wallace

Absent without Notification: Mr. Mehmet Altin, Dr. Tyler Walters

Visitors and Invited Guests: Ms. Janice Austin, Dr. Janet Rankin

Dr. Mayuresh Patil, Chair, called the meeting to order.

**Approval of the agenda:** Approved.

**Approval of the minutes from April 3, 2013:** Approved.

**Committee Reports**

Graduate Curriculum Committee (GCC): The minutes from April 11<sup>th</sup> were accepted for filing.

Graduate Student Appeals: No appeals are pending.

Degree Requirements, Standards, Criteria, and Academic Progress (DRSCAP): Dr. Soghomonian presented the committee's recommendations for the composition of the admissions committee for the Individualized Interdisciplinary PhD program as follows:

**Part A:**

1. The Associate Dean IIPhD (a permanent member)
2. Two faculty members from CGS&P (staggered appointment times for continuity; appointment timelines arranged by Dean DePauw, Associate Dean IIPhD and CGS&P members selected for the appointment).
3. Two faculty members active (present or past) in university funded IGEP and NSF funded IGERT programs. These two individuals are chosen by Dean DePauw and Associate Dean IIPhD. Appointment duration varies based on overlap and continuity of overlap in the committee. The five committee members above will ensure a) procedural consistency and b) individualized interdisciplinary strength and validity.

**Part B:**

1. Two members at large, selected per application. These (two) at large faculty members are chosen in consultation with the applicant's research advisors (here, we note that will be at least 2 advisors, as it is an interdisciplinary effort, but may and could be more than 2), Dean DePauw and the Associate Dean IIPhD. The faculty at large address and comment on the rigor of the disciplinary contributions to the overall project.

Thus, in conjunction with the committee members from part A, the committee judges the quality of the application.

General comments;

1. Admission is granted on a simply majority vote. Voting members are the 2 CGS&P faculty, the 2 IGEP/IGERT faculty, and the 2 faculty at large.
2. The Associate Dean IPhD is NOT a voting member of the committee composed of parts A and B, but can break a tie in the vote (when necessary).
3. The details of the procedure for admission, including the composition of the committee (part A known, part B, selected per application) are clearly stated on the information pages regarding the IPhD program.

**Graduate Student Assembly:** Ms. Shaimaa Abdallah reviewed her handout, the *2012-2013 GSA Annual Report*. Activities for the past year included the Graduate-Undergraduate Mentoring Program (GUMP), Graduate Research Development (GRDP) Program funding, Travel Fund Program (TFP), Graduate and Professional School Fair (GPSF), GSA Research Symposium, and a variety of programs and socials. The commission thanked and congratulated Ms. Abdallah and the GSA for their efforts on behalf of graduate students.

**Graduate Honor System:** No report.

**University Library Committee:**

- The \$95,000 required for the TBHM degree library materials is support guaranteed by the provost's office, but not monies currently in the library budget.
- At 5:00 today "Applanche", a celebration of Appalachian culture, will be celebrated at Newman Library.

**University Council:** The Academic Integrity resolution and the Doctor of Philosophy in Translational Biology, Medicine and Health resolution were presented for a first reading.

**Graduate School Updates:** Dr. Karen DePauw shared some announcements with the commission:

- "Diversity Spotlight", presentations and discussions led by the 2013 Diversity Scholars, is taking place today in the Graduate Life Center.
- A successful Graduate Advising Forum was held on April 16 in the Graduate Life Center.
- Dr. DePauw thanked the commission leadership and members for their service this year.

**Old Business:** Second Reading: MAEd in Higher Education and PhD in Higher Education  
The commission voted to approve the degree proposals.

Election of Vice-Chair, Chair: Dr. Joe Eiffert was elected to serve as next year's chair; Dr. Chad Bolding was elected to serve as next year's vice-chair. Dr. DePauw will meet with the current and newly elected chairs and vice-chairs to facilitate the transition.

**New Business:**

- Resolution 2012-13I: Winter Sessions Academic and Registration Policies
- Dr. DePauw asked the commission to review the resolution and let Ms. Wanda Dean know of any concerns. Following discussion the commission voted to endorse the resolution.
- Untaught Courses: In accordance with Presidential Policy Memorandum 232, the commission voted to approve the deletion of untaught courses, attached.

**Announcements:**

Dr. DePauw invited commission members to attend the upcoming commencement ceremonies.

**Adjournment:** The meeting was adjourned at 4:55 pm.

*Respectfully submitted:*

Ms. Nancy Feuerbach, on behalf of  
Dr. Karen P. DePauw, Vice President and Dean for Graduate Education

2012-2013

VIRGINIA TECH  
Graduate Student  
Assembly (GSA)



# **[VIRGINIA TECH GRADUATE STUDENT ASSEMBLY (GSA) - ANNUAL REPORT.]**

This is a summary of what has been going around this year inside and outside GSA. It includes all the recommendations and improvements that have been made for 2012-2013. This initiative is an attempt to show GSA role among the graduate community to improve campus life, scholarly development, and graduate community by creating and implementing goals based on the issues and concerns of graduate students on campus.

# GSA Structure - Summary

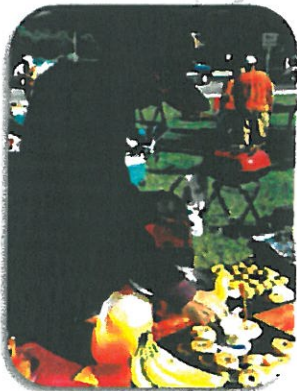


## GSA Executive Board

Run for one of the offices of: President, Vice-President of Membership, Vice-President of Programs, Secretary, or Treasurer. These elected positions serve one year terms and are voted into office by the delegate body. Elections are held annually in February of each Spring semester. Duties and responsibilities for each of these executive board positions can be found on the GSA website.

## GSA Delegate Body

What is the Delegate body? The delegate body is comprised of graduate students currently enrolled at Virginia Tech who serve as representatives for their respective academic departments. Each graduate department is allowed a maximum of two graduate students to serve as delegates; these delegates are selected in a variety of ways including peer nominations and elections, administrative departmental appointment, and even individual volunteer. If YOU are interested in becoming a delegate for your department please contact the GSA VP of membership, the GSA website, or with your academic department chair to determine whether your department is being represented. Delegates serve as liaison to graduate students and others regarding graduate student issues/concerns, activities, programs, events, and services offered through and by the graduate student assembly. Similarly, these delegates serve as liaison to the graduate assembly on behalf of their colleagues and peers.



## GSA Cabinet

Maybe the delegates for your department have already been chosen or you're not quite sure the delegate body is for you but you still want to be involved. But what is the GSA Cabinet? Although a non-voting

body IN the GSA, these graduate students serve as graduate representatives to a variety of university commissions and committees serve as voting members FOR the graduate students as a whole on their respective committees and commissions. By being involved with commissions and committees throughout the university, graduate students get to interact with faculty, staff, and administrators in the governance system. As graduate students not only are we highly encouraged by faculty and administrators to serve alongside them at this level of university governance but it is important that we be involved to understand what decisions, issues, and policies are being undertaken (or not) at the university level when it comes to graduate students. The GSA Cabinet holds two meetings per semester in an attempt to bring all the committee and commission representatives together to share reports and update one another on major issues and/or concerns.

### **GSA Program Chair position**

Yup, there are still other ways to get involved with GSA if you don't want or can't serve as a delegate or cabinet representative. GSA Program Chair positions include:



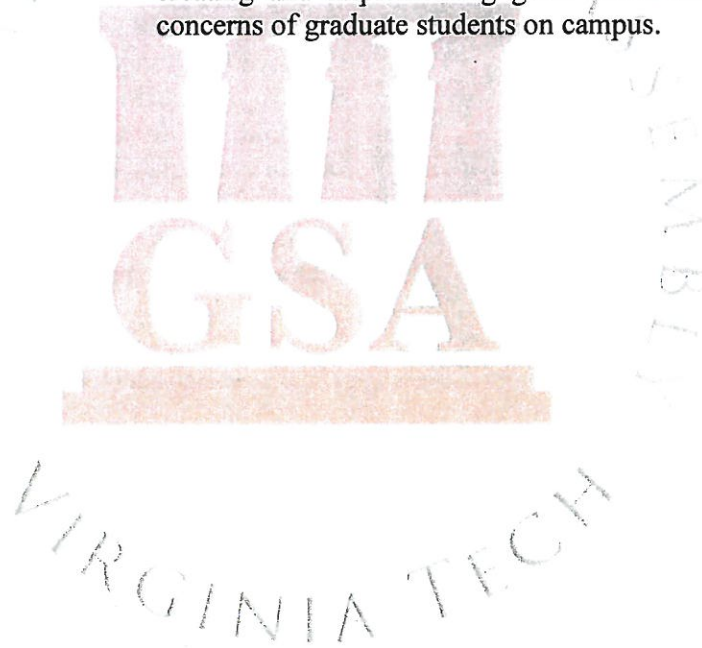
Events Chair, Graduate and Professional School Fair Chair, Website Director, Travel Fund Program Chair, Research Symposium Chair, Graduate Research and Development Program Chair, and Historian/Media Coordinator and are selected by the incoming GSA executive board at the end of the Spring and beginning of the Summer terms. The duties and responsibilities of these graduate students can be found on the GSA website.

**Shaimaa Abdallah**  
**Graduate Student Assembly 2012-2013 President**

# Purpose of the Graduate Student Assembly



The Graduate Student Assembly (GSA) is the governing body of approximately 4,000 on-campus and 2,000 off-campus graduate students. The GSA represents students' concerns and serves as their liaison with the University Administration. GSA members also serve on a variety of University commissions and committees. In addition, the GSA administers a grant program to directly promote research and educational efforts of its members. The GSA strongly promotes graduate student community across departments by providing social events to encourage graduate students to come together. Every year the GSA governing board and delegate body work to improve campus life, scholarly development, and graduate community by creating and implementing goals based on the issues and concerns of graduate students on campus.



# Virginia Tech Graduate Student Assembly (GSA) 2012-2013 Annual Report.

The Virginia Tech Graduate student Assembly (GSA) is completely student-run organization. However we could not have been able to make any of this happen without the support of the Graduate Community, the Graduate School staff, Faculty and our exceptional advisor Dean DePauw.

## GSA Graduate–Undergraduate Mentoring Program

### Overview

- It matches undergraduate and graduate students in mentoring relationships. This provides undergraduates who are considering going to graduate school an opportunity to be exposed to the graduate experience before making a final decision. Graduate student participants in GUMP get the opportunity to develop mentoring skills that will be critical to their future success in academia. Students are matched based on areas of study and/or interest.

There are two ways for Graduate/Undergraduate students to get involved:

1. GUMP Shadowing Program: For more information about this program.
2. GUMP Grads-on-Demand.

### Year 2012-2013 improvements/changes

- Recognizing the importance of such a program our exec board gave more focus and support to it. This year they were supervised/directly worked with the GSA president.
- The decision was made to appoint two co-chairs instead of one chair like before; the decision was made after reviewing and seeing the demand of students to join.
- This new change made it possible for them both to follow up on this growing program and be able to recruit over 110 GRAD and UNDERGRAD students with an increase of 50% or more from last year.
- They were able to maintain better communication and handle orientation differently that it attracted more students to become interested in participating.

# Graduated Research Development (GRDP) Program funding

## Overview

- The GRDP is a program administered by the GSA to provide monetary support for degree contingent research conducted by Virginia Tech graduate students. This funding opportunity is available to graduate students twice a year in two cycles. The program is sponsored by the Graduate School and the Research Foundation of Virginia Tech.

## Year 2012-2013 improvements/changes

- GSA exec board made the decision to make an increase for the GRDP awards to relate to increases in costs for graduate students.
- Awards values increased +\$100 per selected Masters and Doctoral proposals (terminal degrees)
- Improved the Review process by creating a REVIEW PANEL WORKSHOP that trains graduates to become grant proposal funding professional reviewers. They later serve on the GRDP winner awards selection committee. This panel has proven to be very helpful and will be added to/updated on yearly basis. Creating a data base for reviewers rather than the need to send out a call every year and struggle with the lack of expertise.
- For the second cycle a new experience was implementing to allow the panel of reviewers to meet all in a secondary workshop in which group of reviewers are assigned to their proposals based on their disciplines and area of expertise. This help exchange their expertise and information working on grant proposals which is really essential to their professional development.
- All of the above is newly developed by GSA board this year and have proven to get better results and feedback thus will be endorsed for handling future GRDP panels.
- Recommended for next year to cut down the APPLICATION submission period to TWO weeks only instead of ONE month which allows the chair and the reviewers' panel sufficient time and focus to make their decisions before the deadline for the graduate school. This later decision was built on the fact that more than 65% of the applications are submitted in the 2-3 days before the deadline.

# Travel Funding Program (TFP)

## Overview

- TFP is designed to meet these needs by providing graduate students financial assistance for presenting at conferences and scientific meetings, travel expenses, registration fees, lodging, meals, and other various expenses. The program also can be used to support international travel. The program is sponsored by the Graduate School and the Research Foundation of Virginia Tech.



### **Year 2012-2013 improvements/changes**

- Based on the feedback that we have received last year about lack of communication sometimes and slow responses this program has been working hard to change this perception. The GSA EXEC board worked closely to follow-up on the appointed program Chair. We took the decision to move the Funding Programs under the supervision of the President instead of the VP of programs (already handling events). This decision has improved follow-up and closer discussions about how to change both TFP and GRDP. The numbers of applications we have received is double what have been ever received for both programs in past years due to those changes.
- Changed the submission/due date to cover a broader range of applicants and for CYCLE II – spring 2013 we have cut down the APPLICATION submission period to TWO weeks only instead of ONE month which allowed the chair sufficient time and focus to make the final decisions before the deadline for the graduate school. This later decision was built on the fact that more than 80% of the applications are submitted in the 2-3 days before the deadline.

## **Graduate and Professional School Fair (GPSF)**

### **Overview**

- This event serves as a fundraiser for the GSA organization as well as a service to our undergraduate student body. Representatives from over 100 graduate and professional programs from across the country participate in this event every year to meet potential students and recruit for their graduate programs. Students will have an opportunity to learn about these schools and programs as well as attend informational sessions to get an early start on the graduate school application process. This event is FREE to all students, faculty, staff and community members.

### **Year 2012-2013 improvements/changes**

- The decisions we have made this year as a GSA exec board with the event Chair allowed us to increase the participation from last year with about 30% for schools. Increase the money we have generated with an increase of %25.
- Such as but not limited to giving changes the fee structure that has been used in the past years to allow VT own programs a discounted rate and giving a new marketing venue through DISPLAY-ONLY OPTION; this is a limited opportunity for universities unable to send representatives. Later we compensated the discounted rate we applied for VT by increasing the category for Co-operations which was still reasonable for them.

## **GSA Research Symposium**

### **Overview**

- We invite all scholars to its Annual Graduate Research Symposium. The Research Symposium is a unique opportunity for students to interact with each other to pave the way for interdisciplinary research discussion and collaboration. The event promises to be an interactive networking forum

between participants, faculties, departments, research entities and corporate bodies. The event program features oral and poster presentations by students from various disciplines.

#### **Year 2012-2013 improvements/changes**

- This year the GSA Exec board has decided that the symposium's awards will be distributed in a way to increase both the quality and the competition of the symposium.
- We have decided to raise (+\$50) to its value, rename and limit the awards to only "TOP BEST SCORE AWARD" for each presentation type (TALKS/POSTERS) instead of 1<sup>st</sup> and 2<sup>nd</sup> place.
- The new award distribution will become tentative and subject to change depending on the number of participants in each medium and quality of research, therefore may vary from one year to another.
- We believe that this will shift the main focus of participants to the quality of what they are submitting rather than the awards; now with limited number/higher value awards that they need to work hard to get.
- We thought that we were able to maintain the vision/concern from last year about number of awards but add our own changes to make it better.
- The GSA Exec Board 2013 has agreed to recognize/encourage those students who have not made it to the BEST SCORES cutoff criteria with an Honorable Mention achievement certificate (ONLY) due to their distinguished research contribution. Twelve students have been selected based on their scores and their judge's rubrics' feedback.

## **GSA Programs and Socials**

### **Overview**

We represent the interests of graduate students in all University activities. We work within the university to improve graduate student life through academic and social programming.

#### **Year 2012-2013 improvements/changes**

- This year we have made some crucial decisions based on revising thoroughly our events and programming schedule and history.
- We made some major changes to make sure that the ones we need to work on are those that serve the best interest of students and based on statistics we think would have a better turnout. Some of the events were cut off completely and others were remodeled.
- Just an example our welcome back BBQ had over 850 graduate students participate that day and we had to stop serving food after we brought in 3 extra rounds of food and still there were about 150 more students unable to get in. Just because we focused on our major event and canceled any other minor ones that were draining the energy of the team around that time of the year.
- Canceling our minor summer events as they didn't have a good turnout at all; except for the cascades trip. That saved the energy of our team to focus on the orientations and welcome events. Saved money to provide a free van for the cascades and have a great turnout for the trip compared to previous years double the number of people.

- Remodeling some of the events also changed the student's perception of them and brought new graduate students in. Such as the Formal Dinner after 5PM –“Dialogue with the Dean” became lunch time – open setting – “Cupcakes with the Dean” – students are allowed to come and walk out during a 1.5 hr instead of sitting the whole time and exchange open discussion with Dean DePauw. We got 40 people the first time when they only had 12 people in previous years i.e. including board members.
- New initiative such as Little Hokies Donate and Swap addressed the needs of the graduate students with families and it was a big hit and of great interest to NRV community. It will become an annual event and will be cooperation between GSA, Graduate School, and women center.
- We teamed up for some of our events with other groups that have similar ones, so that we join forces and reduce cost. That was very helpful and most important allowed us to genuinely interact and learn about other organizations out there and how they function..

## GSA Governance Structure and Improvements.

### Overview

- The GSA serves graduate students by facilitating the exchange of information and ideas between graduate students and the university governance structure. Through its:

**Delegate Body** comprised of departmental graduate representatives and includes a maximum of two graduate students for each of the 60 graduate departments on the Blacksburg campus. In some departments or schools, there are two delegates per program. The delegate body is important because it is the voting body of the Graduate Student Assembly. Consequently, it is imperative that each department have its two delegates always in attendance because they are the only ones who are allowed to vote on behalf of their department. They serve as the liaison of information from the GSA to their respective departments/programs and in return also inform the GSA of problems, concerns, issues, and positive events occurring in their departments.

- **Cabinet** is comprised of graduate students who serve on: 10 university commissions, the university council, the advisory council on strategic budgeting and planning, 17 university committees, seven GSA committees, and four to five cabinet representative-at-large positions. Their role is important because they are allowed voting privileges only on those committees or commissions.

### Year 2012-2013 improvements/changes

- This year our goal was to regain back a balance between governance and programming and regain GSA image as a student organization that main purpose is to insure that cabinet representatives communicate with GSA delegates so that the two bodies can continuously remain informed on the policies and other decisions they are helping to influence.
- We have worked hard this year to reach out to other organizations and teamed up with SGA to make sure that the two organizations are aware of the problems and issues out there. Dissolving any strains in the relationship that has been there in the past between the two organizations. We voiced our concerns to our advisors and to the commission of students' affairs (CSA). We are

proud to say that due to those efforts many changes can be recognized and the nature of CSA biweekly meetings has changed.

- They will start at the beginning of the year for leaders a Leadership treaty orientation to introduce new organizations to work together and train their new officers so there will be no more lack of awareness.
- We have new academic programs coming in that doesn't fit under a department which means our delegate body needed to reflect that. We are in the process of revising our constitution to allow a new DELAGTE seat for those who fit under this new category. That way we can ensure that all of the graduate students are well represented on board of the GSA.
- We are revising our Program and Officers job descriptions to better reflect what their actual duties and responsibilities are.
- Same approach has been made to our GSA Executive Assistant position and that has received a very positive feedback from candidates to the position and graduate school. They said it was clearer now, more detailed and focused that they know what they are applying for.

All what has been listed here is just a summary of what has been going around this year inside and outside GSA. We are very proud of our work and we hope that next year will be even much better. Starting this new trend I am hoping that in the future every president will be able to submit a similar summary/reference.

*LAST Words ... My focus this year was GSA internally and externally and how to build on what has been already there while improving what we think will bring better services to the graduate community. The structure of GSA was an essential task and some of the decisions that have been made have led to better functionality and interaction among members. It has been a pleasure and an honor to serve as the elected president this year and before that as the VP of membership. I hope I was able to fulfill my mission to the graduate community, and GSA. I always live by "if I don't or unable to accept I will still respect" that help me a lot serving among such a diverse and unique graduate community.*

**Shaimaa Abdallah**  
**Graduate Student Assembly 2012-2013 President**



**GSA**

VIRGINIA TECH

Hampton Roads

National Capital Region

Richmond

Roanoke

Southwest Virginia

Date: 4/11/13  
TO: Commission on Graduate Studies and Policies  
FROM: Rosemary Blieszner, Associate Dean  
SUBJECT: Deletion of Untaught Courses,  
Presidential Policy Memorandum 232

**Objectives:** Avoid misleading students about available courses by eliminating those no longer supported by graduate program resources. Remove untaught courses from the graduate catalog.

**Procedure:** The Registrar's office supplied a list of graduate courses that had not been taught for the past three years (since Fall 2009). The Graduate School sent personalized lists to graduate programs in February, 2013 and requested a response for each course indicating that it should be dropped from the graduate catalog or requesting an exemption from the policy. They were to respond by mid March, 2013. A reminder was sent 3/19/13 and 3/20/13 with an extended deadline of 3/22/13.

**Results:** As of 3/27/13

330 courses on the untaught courses list from the Registrar.  
71 departments contacted about the 330 courses, of which 57 departments  
(80.3%) responded  
218 courses to be deleted, 112 to be kept.

**Reasons for request to retain courses:**

- Course will be taught in 2013-14
- Hiring is authorized/underway
- Course has been taught in cross-listed department

**Proposed action:** Approve courses to be retained and deleted as shown on the following tables.

*Invent the Future*

### Courses to Delete

AAEC 6564	Robust Econometric Methods	BMES 5344	Skin:Prop/Function/Bioeng Apps
ACIS 5114	Accounting Theory	BMES 5526	Stochastic Signals and Systems
AEE 5034	Teaching Agric Mechanics	BMES 5904	Project and Report
AEE 5114	Serving Intl Ag & Education	BMVS 5306	Veterinary Oncology
AEE 5764	Externship in AEE	BMVS 5514	Muscl Skelet Sur Adv
AHRM 5014G	Advanced Studio	BMVS 5534	Topics SA Gi Medicine
AHRM 5104	Advanced Textile Evaluation	BMVS 5544	Mol Aspects Nutr Dis
AHRM 5114	Design Process	BMVS 5554	Adv Surg Spec Senses
AHRM 5604	Influences on Housing Choice	BMVS 5874	Food Animal Theriogenology
AHRM 5624	Househld Equip: Current Dev	CEE 5034	Const Sys Design
AHRM 6204	Seminar in Resource Management	CEE 5040	Design Construction Operations
AHRM 6214	Intntl Prod&Trade: Tex/Apparel	CEE 5044	Const Res Pre
AHRM 6704	Advanced Topics	CEE 5050	Constr Decisions Under Uncertn
ALS 5054	Nutrition Methods	CEE 5454	Elastic Stability
ALS 5106	Population Genetics	CEE 5630	Advanced Public Transp Systems
ALS 5144	Mol Aspects Nutr Dis	CEE 6014	Project and Company Management
AOE 5044	Dynam Stability Struc	CHE 5064	Solids & Solid Surfaces
AOE 5214	Aircraft Dynamics and Control	CHE 5084	Heterogeneous Catalysis
AOE 5306	Marine Engineering	CHE 5164	Process Dynam & Sim
AOE 5504	Spacecraft/Envir Interactions	CHEM 5536	Synthetic Organic Chemistry
AOE 6254	Intelligent Control	CHEM 5654	Adhesion Science
ARCH 5035	Adv Env Controls	COS 5204	General Human Physiology
ARCH 5046	Environ Des Res I, II	COS 5234	Preclinical/Clinical Prod Eval
ARCH 5055	Advanced Building Structures	COS 5254	Drug Discovery & Product Dev
ARCH 5124	Land Dev for Const	CS 5814	Digital Picture Processing
BC 6014	Project and Company Management	CSES 6634	Soil Phys & Coll Chem
BC 6064	Past, Present, Future AEC	ECE 5104	RF & Microwave Engineering
BCHM 5054	Gene Regulation	ECE 5260	Power Electronics Sys Integr
BCHM 5204	Molec Gene Expression	ECE 5364	Elec Energy & Env Sys
BCHM 5454	Biochem Mol Biol Anaerob	EDCI 5274	Learning Disabilities
BCHM 6004	Adv Topics Biochem	EDCI 5284	LD Students
BIOL 5044	Aquatic Ecotoxicology	EDCI 5294	Tch Met: Emo/Beh Disorders
BIOL 5084	Groundwater Ecology	EDCI 5474	Adapt Curr Stu Dis
BIOL 5094	Stable Isotopes in Ecology	EDCI 5654	Supv Student Teach
BIOL 5164	Biology Seminar Lab	EDCI 5674	Assess Student Needs
BIOL 5384	Morphometrics	EDCI 5684	Crossing Border Serv Learn
BIT 5454	Distributed Proc and Commun	EDCI 5705	Adv Curr Inst
BIT 5464	Object Oriented Prog	EDCT 5114	C&I in CTE: Prof Perspectives
BIT 5574	e-Business Systems	EDCT 5124	C&I in CTE: Basics of Curr
BIT 5634	E-Business Innovation & Implm	EDCT 5134	C&I in CTE: Instr Strategies
BMES 5334	Cell Adhesion	EDCT 5144	C&I in CTE: Adv Instr Strat
		EDCT 5154	C&I in CTE: Prof Dev-Prog Mgt
		EDCT 5164	C&I in CTE: Diverse Learners

EDCT 5694	CTE for Adults	HIST 5254	Topics in Modern European Hist
EDRE 6644	Adv Res Design/Meth	HIST 5274	Topics in Latin Amer Hist
EDRE 6764	Advanced Rasch Measurement	HIST 5564	African American Women in US
ENGE 5334	Evaluating Engr Communication	HIST 5684	The U.S. South
ENGL 5134	18th Cen Literature	HNFE 5614	Maternal and Child Nutrition
ENGL 5144	19th Cen English Lit	HNFE 5624	Nutrition and Aging
ENGL 5154	Studies in Amer Lit	HNFE 5834	Metabolic Aspects of Exercise
ENT 5224	Arthropod Disease Carriers	HNFE 5844	Exer Test & Prescrip
ESM 5234	Reli Meth in Str Mech	HNFE 5854	Prev-Therap Exer
ESM 5524	Compressible Flow I	HNFE 5874	Advanced Sports Nutrition
ESM 5654	Adhesion Science	HNFE 5904	Project and Report
ESM 5725	Math Meth in Engr	HORT 5204	Horticultural Comm in Writing
ESM 5726	Math Meth in Engr	HORT 5504	Nutrition Hort Crops
FIN 5034	Internet Law and Policy	HORT 5894	Final Examination
FIN 5094	Financial Databases and SAS	HTM 5224	Tourism and Sustainability
FIN 5624	Valuation & Corp Restructuring	HTM 5424G	Event Mgmt-Soc Sci Perspective
FIN 5644	Issues in Corporate Governance	IAE 5104	Info & Infrastructure Systems
FIN 6144	Advanced Topics in Finance	IAE 5204	Information Security Assurance
FIW 5224	Wildlife Population Dynamics	IAE 5304	Sec Assurance Infra Sys
FIW 5904	Project and Report	IAE 5404	Info Sec Assurance Seminar
FOR 5124	Law of Natural Resource Mgmt.	IAE 5504	ISA Field and Case Studies
FOR 5415	Adv For Mgt & Econ	IAE 5604	Policy Issues for ISA
FOR 5614	Fpr Mktg & Mgt	IAE 5704	Design & OP of Trustworthy Sys
FOR 5714	Environ Sensitive Harvesting	IAE 5804	Engineering Trustworthy Sys I
FR 5164	French Business and Culture	IAE 5814	Engineering Trustworthy Sys II
FST 5024	Food Regulatory Affairs	IAE 5914	Mgmt of Trustworthy Sys I
FST 5134	Pharmaceutical Risk Sci Tools	IAE 5924	Mgmt of Trustworthy Sys II
FST 5184	Econ Analysis Health Prod Risk	IAE 5934	ISA Project
GEOG 5224	Tourism and Sustainability	ISE 5894	Final Examination
GEOG 5234	Human Impacts on the Environ	LAR 5234G	Adv Theor & Pract Urban Design
GEOG 5244	Adv Soil Interpret Using GIS	MATH 5135	Topics in Number Theory
GEOG 5344	The Globalization of Nature	MATH 5214	Specialized Topics in Analysis
GEOG 5434	Topics in Regional Geography	MATH 5416	Topics Applied Math
GEOS 5526	Electron Microprobe	MATH 5495	Math Meth in Engr
GIA 6234	Political Geography of AIDS	MATH 5496	Math Meth in Engr
HD 5134	Contemp Issues-ACBS	MATH 5754	Intro Perturbations
HD 5214 T	heor Fnds Ch Dev	MATH 5894	Final Examination
HD 5234	Cog Dev Infancy-Adol	MATH 6125	Topics in Algebra
HD 5334	Theories In Marr Fam	MATH 6126	Topics in Algebra
HD 5464	Adolescent Development	ME 6404	Turbulence and Turbulent Flow
HD 6114	Theory And Research In Aging	ME 6405	Advanced Internal Flow
HD 6314	Seminar In Family Studies	ME 6504	Adv Control Topics
HD 6434	Clinical MFT III	MGT 5434	Diversity in the Workplace

MGT 5524	Business Negotiations	STS 6224	Sci Tech & Enlight
MGT 5694	Seminar in Business Issues	UAP 5704	Electronic Governance
MGT 5714	Staffing & Developmnt	UAP 5714	Community Building Seminar
MGT 5724	Comp & Rewards Sys	UAP 5744	Planning Internship
MGT 5764	Applied HRIS	UAP 5824	Transport & Land Use Topics
MGT 5824	Adv Leader: Skills/Concepts	VM 8664	Applied Laboratory Medicine
MGT 6154	Management Research Methods		
MGT 6305	Seminar in Strat Mgt		
MGT 6306	Seminar in Strat Mgt		
MGT 6315	Sem in Org Beh		
MGT 6316	Sem in Org Beh		
MGT 6325	Seminar in Organization Theory		
MGT 6326	Seminar in Organization Theory		
MGT 6344	Sem Soc Issues Mgt		
MGT 6364	Adv Seminar Labor Rel		
MGT 6374	Sem in Adv Topics HRM		
MGT 6384	Topics in Business Ethics		
MKTG 5424	Bus Negotiation: Strat Tactics		
MKTG 5554	Business Marketing Management		
MKTG 5564	Marketing of High Technology		
MSE 5214	Optoelectronic Apps		
MSE 5504	Poly Def & Fracture		
MSE 5654	Adhesion Science		
NR 5364	Private Lands Conserv Policy		
NR 5374	Engangered Species Policy		
NR 5674	Public Lands Realty Principles		
NR 5894	Final Examination		
NR 6314	Advanced Topics in GIT		
PAPA 5464	Qual Res Meth In Glob Studies		
PAPA 6124	Behav & Change Proc		
PAPA 6494	Cap Sem Ethics		
PHS 5704	Educat Technol Public Health		
PPWS 5334	Plant Water Relations		
PSCI 5534	Regionalism & Political Dev		
PSYC 6404	Lrg Systems Behv Mgt		
SOC 5524	International Development		
SOC 6664	Appl Struc Equat Ed		
SOC 6904	Proseminar in Sociology		
SPAN 5684	Crossing Border Serv Learn		
STAT 5354	Structured Process Improvement		
STAT 5554	Variance Components		
STAT 5644	Nonparametric Methods		
STAT 6404	Nonparametric Topics		



### Courses to Retain

AAEC 5134	Agricultural Marketing	GBCB 5516	Model and Sim of Bio System
AHRM 5214	Apparel Manuf: Econ&Soc Issues	GBCB 5844	Plant Genomics
AHRM 5434	Consumer Protect Environment	GBCB 5854	Computational Systems Biology
AHRM 5614	Social Issues in Housing	GEOG 5354G	Advanced Remote Sensing
AOE 5084	Submarine Design	GEOS 5004	Analytical Geosciences
AOE 5136	Vehicle Propulsion	GEOS 5114	Theoretical Seismology
AOE 6234	Spaceflight Dynamics	GEOS 5525	Electron Microprobe
ASPT 5244	Constitutionalism	GER 5304G	Advanced Age of Goethe
BC 5044	Intl Const Pract	GER 5324G	Adv Studies 20th-21st Cent Lit
BC 5124	Land Dev for Const	GIA 5454	Adv Info Tech Policy
BC 5184	Temporary Structures	GIA 5464	Qual Res Meth In Glob Studies
BC 5514	Princ & Practices of Constr I	HIST 5264	Readings in Latin Amer Hist
BC 5524 P	rinc & Practices of Constr II	HIST 5404	Mod American Science
BMES 5944	Seminar	HIST 5484	Contem American Foreign Policy
BMVS 5214	Pharm and Tox Testing	HIST 5504	Modern European History
BMVS 6114	Topics Pathogenic Bacteriology	HIST 5624	Jack Am & Civil War
BSE 5214	Adv Topics: Watershed Mngmt	HIST 5694	Amer Environ Hist
CEE 5070	Equip Econ and Applns	HIST 6224	Sci Tech & Enlight
CEE 5144	Unit Ops & Proc Lab	ISE 5606	Human Factors System Design
CEE 5444	Dynam Stability Struc	ISE 5616	Human Factors Research Design
CHEM 6504	Chemistry of Natural Products	ISE 6604	Visual Displays
ECE 5224	Non-Linear Comm Circuits	MSE 5104	Composite Materials
ECE 5546	VLSI Circuit Design	MSE 5184	Materials Modeling Simulation
ECE 5636	Radar System Design	MSE 5304	Contemporary Topics MSE
ECE 6444	Advanced Topics in Controls	MSE 6304	Adv Topics Materials Science
ECE 6514	App Automata Theory	MUS 5024	Vocal-Choral Arranging
ECON 6044	Collective Choice	MUS 5234	Music Research
ECON 6454	Dynamic Analysis	MUS 5534	Grad Ind App Violin
EDTE 5434	Curriculum Dev in Tech Ed	MUS 5544	Grad Ind App Viola
ENGL 5124	Renaissance Lit	MUS 5624	Grad Ind App Bassoon
ENGL 5534	Studies in Literary History	MUS 5654	Grad Ind App Trombone
ENGL 5634	Electronic Publishing	MUS 5664	Grad Ind App Baritone
ENGL 6344	Rhetoric-Digital Environments	MUS 5674	Grad Ind App Tuba
ENGL 6554	Composition Studies	MUS 5714	Grd Ind Hist Wind Ins
ENT 5324	Genomics of Disease Vectors	MUS 5734	Grd Ind Composition
ENT 6354 I	Insect Behavior	MUS 5834	Graduate Recital
ESM 5306	Cardiovas Mechanics	NR 5004	Nat Res Graduate Seminar
ESM 6304	Advanced Vibrations	NR 5234	Landscape Ecology
FIW 5334	Vertebrate Physiological Ecol	PHIL 5304G	Inter Topics Soc & Pol Phil
FIW 6214	Advanced Habitat Analysis	PHYS 5614	Quantum Electronics
FOR 5334	Plant Water Relations	PPWS 5754	Herbicide Action
		PSCI 5124	Advanced Research Issues
		PSCI 5244	Constitutionalism

PSCI 5454	Adv Info Tech Policy
PSCI 6114	Critical Geopolitics
PSCI 6244	Hist Cult Politics of Internet
PSCI 6544	Science, Technology, and Labor
PSYC 5534	Developmental Psychology
SOC 5604	Organizations in Society
SPAN 5324	ADV 20th-Century Literature
SPIA 5454	Adv Info Tech Policy
STAT 5514G	Adv Contingency Table Analysis
STAT 5524	Sample Survey Theory
STAT 5804G	Fundamentals of Econometrics
STS 6624	Adv Top Life Sci Med
TA 5315	Advanced Directing
TA 5316G	Advanced Directing
UAP 5044	Local Govt & Prof Mgr
UAP 5214	Topics Nat Resources Haz Plan
UAP 5654	Environmental Risk Analysis
UAP 5844	Topics in Planning History
VM 9096	Veterinary Oncology