

**Graduate Faculty Meeting Minutes**  
**February 13, 2015, 9:00-10:00 am, AGLS 129**

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Present: Gary Briers, James Christiansen, Deb Dunsford, Julie Harlin, Holli Leggette, James Lindner, Billy McKim, Theresa Murphrey, Summer Odom, Tracy Rutherford, Manuel Pina, Jennifer Strong, Gary Wingenbach, Tim Murphy, Clarice Fulton

Not Present: Barry Boyd, Scott Cummings, Kim Dooley, Chanda Elbert, Jack Elliot, Alvin Larke, Lori Moore, Summer Odom, John Rayfield, Jeff Ripley, Glen Shinn, Robert Strong, Andy Vestal

Action/Discussion Items

- 1) Approval of Minutes from the November meeting – Tim Murphy  
**Motion was made by Deb Dunsford, Second by Tracy Rutherford, to “Approve the November minutes as distributed.” Motion passed unanimously. No December or January was scheduled.**

- 2) Graduate Admission Discussions (Handout of data will be available at meeting) – Tim Murphy  
**An open discussion was held about the admission of each applicant. Dr. Murphy informed all the change in reviewing applicant materials due to AIMS crash. Access to applicant materials and the data summary has been made available on the Group drive, Graduate Admissions folder. Faculty must submit their votes by using a voting ballot which is available in the Graduate Admission folder. Faculty have until February 25 at midnight to review applicants, vote, and indicate whether wish to be an IMA (interim major advisor).**

- 3) Summer and Fall Class Schedules – Tim Murphy  
**Summer schedule discussion. Dr. Murphy is trying to see if any summer teaching funds will be available. Nothing is confirmed as of yet. If you wish to teach graduate courses not currently listed, please let Dr. Murphy know ASAP. It is unlikely to be paid.**

**Fall scheduling discussion. A question was raised – How do faculty give priority to teaching undergraduate and graduate courses? It was suggested that we provide workload compliance reports or invite someone to the next Graduate Faculty meeting to discuss faculty load reporting.**

**ALEC 690 – Dr. Briers will be on development leave Fall 2015. It was suggested to remove the course from the fall schedule.**

**ALEC 621 - Recommend to permanently remove from the course rotation. A request will be submitted to remove it from the Graduate Catalog.**

**The schedules have been updated and submitted to Registrar. Please note – Two courses, ALEC 640 and ALEC 695 campus sections still need covered (Attachment A &B).**

- 4) Graduate Curriculum Committee Report – Gary Briers  
**The committee reviewed an ALEC 689 course request. Poland and the U.S., a course to be taught by Dr. Jim Mazurkiewicz will be offered Summer 2015.**
- a. Graduate Research Committee – Billy McKim  
**Dr. McKim mentioned he has met with Dr. Elliot and the Associate Heads and provided a draft report. The Associate Heads and Dr. Elliot provided guidance to move forward, making suggestions and providing other ideas. The plan of action is to schedule a retreat to discuss the report.**
  - b. International Ag Course Rotation – Manuel Pina  
**Dr. Pina mentioned that the way he teaches the three international ag courses, ALEC 644, ALEC 645 and ALEC 646, they do not have to be taken in sequences. They can be taken at any time. He does encourage faculty when advising their students, to inform them to take ALEC 624 or equivalent prior to taking ALEC 645.**

**In addition, Dr. Pina mentioned a proposal that one of his students submitted in 2013 through Extension called Children, Youth, and Families at Risk. He mentioned he would provide a handout for the minutes (Attachment C).**

Old Business

**None at this time.**

New Business

**Request to add Faculty Load Report as an agenda item at next meeting.**

Informational Items

**1) Weave Online – Targets and findings need to be addressed. We did what the College asked us to do, but we are finding out this is not correct. We are collecting data at the time of defense/final exams, but they are looking for different data. They want to see direct and indirect measures. We need to have more discussions about what this will look like.**

Graduate Faculty Meeting Appendices (provided each month):

- 1) Graduate Admission Criterion Score Calculation/GRE Percentile Rankings (Attachment D)
- 2) Graduate Course Rotation/Steward (Attachment E)
- 3) Five Year Course Rotation (Attachment F)
- 4) Graduate Course Research Tools Sequence (Attachment G)

**Travel Request Form Deadlines**

Domestic (30 days prior to trip): e.g. travel April 1, 2015 due by March 1, 2015  
International (60 days prior to trip): e.g. travel May 1, 2015 due by March 1, 2015

**Upcoming Events/Meetings**

March 18-20, 2015	Spring Break
March 25, 2015	Departmental Mtg, 2:00 pm, AGLS 129
March 26-28, 2015	MANRRS
April 22, 2015	Departmental Mtg, 2:00 pm, AGLS 129
May 19-22, 2015	National AAAE, San Antonio, TX
May 27, 2015	Departmental Mtg, 2:00 pm, AGLS 129
July 12-15, 2015	ALE

**Future Graduate Faculty**

March 13, 2015, 9:00 am, AGLS 129  
April 10, 2015, 9:00 am, AGLS 129  
May 8, 2015, 9:00 am, AGLS 129

**Summer 2015 Class Schedule**

<b>Instructor</b>	<b>Prog.</b>	<b>Course #</b>	<b>Sect. #</b>	<b>Cr. Hrs.</b>	<b>Days</b>	<b>Time</b>	<b>Seats</b>	<b>Room</b>	<b>Notes</b>
Rayfield	ALEC	603	100	3	MTWRFS	1-5; 8-3; 8-12	12	132	May 15-16; May 18; May 26-29
Boyd	ALEC	607	100	3	MTWRF	8-12 pm	12	117	May 14; May 18-22; May 25-29
Murphrey	ALEC	681	700,720	1	online	online	0		Doc@Distance
Williams/Preston	ALEC	685	150	3	n/a	n/a			Study Abroad - Greece
Mazurkiewicz/Clement	ALEC	689	150	3	n/a	n/a			Study Abroad -Poland

## Fall 2015 Class Schedule

Name	Prog.	Course #	Sect. #	Cr. Hrs.	Days	Time	Limit	Room	Notes
Harlin	ALEC	602	600	3	MW; F	9:10-10; 10-11:50	10	AGLS 132	stack w/AGSC 402
Rayfield	ALEC	605	600	3	MW; F	10:20-11:10; F 8-8:50	10	AGLS 132	stack w/AGSC 405
Elbert	ALEC	606	600	3	W	1:50-4:00; W 7-8 pm (TBA)	15	AGLS 117	
Lindner	ALEC	610	699,700,720	3	online	online	10,3,3		
Dooley	ALEC	611	699,700,720	3	online	online	10,3,3		
Murphy	ALEC	615	600	3	W	4:10-7:10	15	AGLS 117	
Odom	ALEC	616	600	3	F	8-5	10	AGLS 109	Dates: 9/4; 9/29; 10/16; 11/6; 12/4
Murphrey	ALEC	623	600	3	T	9:35-12:35	10	AGLS 109	
Murphrey	ALEC	623	699,700,720	3	online	online	10,3,3		
Pina	ALEC	624	600	3	M	11:30-2:30	10	AGLS 109	
Cummings	ALEC	631	600	3	M	3-6	10	AGLS 117	
Murphrey	ALEC	640	699,700,720	3	online	online	10,3,3		
STAFF	ALEC	640	600	3	T	3:55-6:55	12	AGLS 132	
Pina	ALEC	644	600	3	W	12:40-3:40	10	AGLS 109	
Harlin	ALEC	681	600	1	F	9:10-10:00	30	AGLS 113	
Murphrey	ALEC	681	699,700,720	1	online	online	10,3,3		
Strong	ALEC	695	699,700,720	3	online	online	10,3,3		Doc@Distance
STAFF	ALEC	695	601	3	R	3:55-6:55	15	AGLS 117	

## Clarice Fulton

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**From:** Manuel Pina  
**Sent:** Friday, February 13, 2015 2:50 PM  
**To:** ALEC - GradFaculty  
**Cc:** Darrell Dromgoole; Chris Boleman; jigsawmg  
**Subject:** Children, Youth, and Families At Risk Project Funded  
**Attachments:** Overview with visual.docx

Dear Graduate Faculty,

As I mentioned in the Graduate Faculty meeting this morning, Texas AgriLife Extension received approval for funding last summer from NIFA for a Children, Youth, and Families At Risk project. The proposal is an outcome from the grant writing course in the fall of 2013. Graduate Students Diana Juarez and Jolene Kollman were involved in the development and writing of the proposal. Darrell Dromgoole is the PI and the project is for five years for a total of \$690,000, with the first year being a planning year. Attached is a one-page visual and overview of the project.

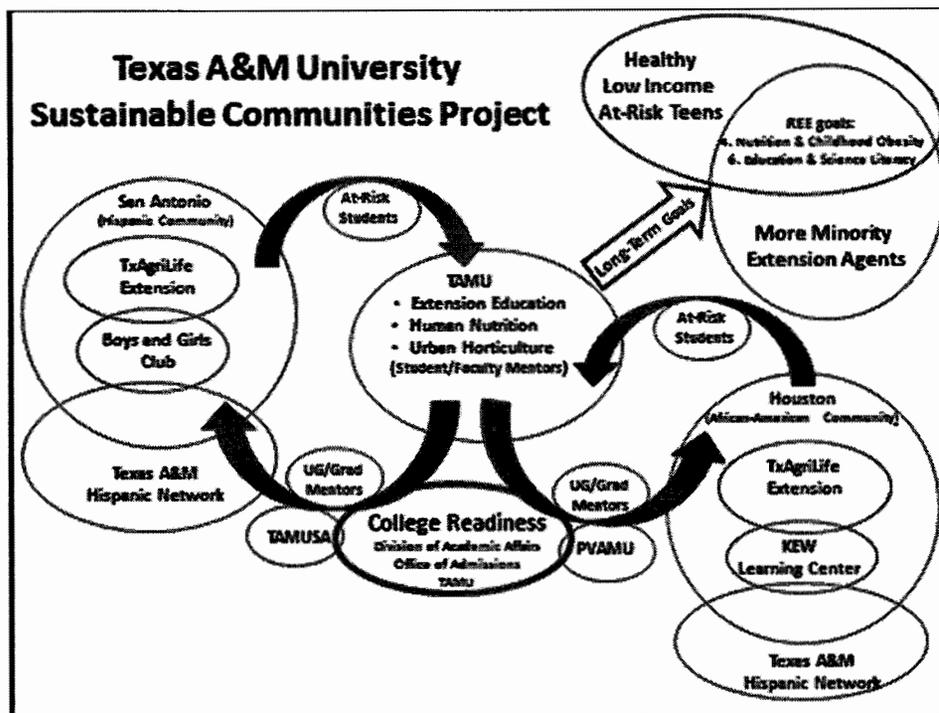
I feel there is ample opportunity for graduate students who have interests in gardening, urban issues, and at-risk youth and families to conduct outcomes research through the platform that this project offers. I am the Evaluator on the project and USDA has a very demanding evaluation system for all the projects that are a part of this national effort. However, as I already said, there is ample opportunity to not only measure outcomes but also elucidate why things worked or did not work. If you or your students have interests in this kind research, please see me. Because we are in the planning year; now would be a good time to think about this.

You should also know that Extension has now employed a coordinator (Extension 4-H Youth Specialist) for this project, which takes place in Harris and Bexar counties. The coordinator will be based in Bexar county is expected to not only coordinate project activities but also expand it within the two target counties and other urban areas of the state. The person employed for this charge is **Dr. Melinda Garcia**, a recent Ph.D. graduate from Our Lady of the Lake University (Organizational Leadership) and 4-H volunteer in Bexar County. She delivered a moving poem at the closing lunch at last year's MANRRS conference in Birmingham and audited the grant writing course last fall (driving to and from San Antonio on Mondays). We do expect a lot from her!

By the way, Dr. Garcia will be in my office on **Monday, February 16, from 3:30 to 5:00** as a part of her orientation. If you have a chance you may want to stop by and meet her.

Hope everyone has a great weekend!

Manuel Piña, Jr., Ph.D., Associate Professor  
Department of Agricultural Leadership, Education, and Communications  
College of Agriculture and Life Sciences  
Texas A&M University Mail Stop 2116  
Agriculture and Life Sciences Building, Room 225  
600 John Kimbrough Blvd.  
College Station, Texas 77843-2116  
Office Phones: 979 862-1978/1979  
Skype: manuel.pina4  
Email: [m-pina@tamu.edu](mailto:m-pina@tamu.edu)



### Overview

The *goal* of this five-year effort is to improve the health of at-risk teens and their families in two low-income inner city communities in Houston and San Antonio, Texas, while providing experiences related to Extension careers in urban programs. Collaborating with two community partners [KEW (Knowledge Enthusiasm Work) Learning Center in Houston and Boys and Girls Clubs-Teen Center in San Antonio], this goal will be accomplished through a tailored, culturally and linguistically relevant 4-H program with extensive family involvement. Staff, faculty, and students from the two community-based organizations, two county Extension programs [Harris County (Houston) and Bexar County (San Antonio)], and three four-year universities (Prairie View A&M University, Texas A&M University, and Texas A&M University-San Antonio) and volunteers from two supporting organizations (Texas Master Gardener Program and Texas A&M Hispanic Network) will partner to mentor, recruit, and enroll 210 low-income at-students risk into college studies. **Objectives and Methods:** Teens, ages 14-19, will (1) acquire sound dietary habits by learning and teaching others about nutrition and food preparation; (2) apply science, math, and reading through planning, caring, and harvesting demonstration home gardens; (3) become “college-ready” through mentoring by college students; and (4) learn about the wide range of Extension careers through job shadowing and internships. *Five non-traditional and innovative aspects distinguish this effort:* (1) tailored to real-world lifestyles and challenges of low-income populations, (2) based on a highly hands-on, experiential Extension service-learning approach; (3) includes a strong “near peer” mentoring component (college student mentors, most of whom will be first generation minority college goers); (4) based on strong mentoring and funding by Extension, and (5) offers many opportunities to network with university faculty and students from three important disciplines, i.e., human nutrition, horticulture, and agricultural education.

**GRE SCORES and PERCENTILE RANKS**

PREV SCORE	NEW SCORE Q	NEW QUANT %	NEW SCORE V	NEW VERBAL %
800	166	93	170	99
790	164	89	170	99
780	163	87	170	99
770	161	81	170	99
760	160	78	170	99
750	159	75	169	99
740	158	72	169	99
730	157	69	168	98
720	156	65	168	98
710	155	61	167	97
700	155	61	166	96
690	154	57	165	95
680	153	53	165	95
670	152	49	164	93
660	152	49	164	93
650	151	45	163	91
640	151	45	162	89
630	150	41	162	89
620	149	37	161	87
610	149	37	160	84
600	148	33	160	84
590	148	33	159	81
580	147	29	158	78
570	147	29	158	78
560	146	25	157	73
550	146	25	156	70
540	145	22	156	70
530	145	22	155	66
520	144	18	154	62
510	144	18	154	62
500	144	18	153	58
490	143	15	152	53
480	143	15	152	53
470	142	13	151	49
460	142	13	151	49
450	141	11	150	44
440	141	11	149	40
430	141	11	149	40
420	140	8	148	36
410	140	8	147	32
400	140	8	146	28
390	139	6	146	28
380	139	6	145	24
370	138	5	144	21
360	138	5	143	18
350	138	5	143	18
340	137	3	142	15
330	137	3	141	12
320	136	2	140	10
310	136	2	139	7
300	136	2	138	6
290	135	2	137	5
280	135	2	135	2
270	134	1	134	2
260	134	1	133	1
250	133	1	132	1
240	133	1	131	1
230	132	1	130	0
220	132	0	130	0
210	131	0	130	0
200	131	0	130	0

SCORE	WRITING %
6.0	99
5.5	97
5.0	93
4.5	78
4.0	54
3.5	35
3.0	14
2.5	6
2.0	2
1.5	1
1.0	0
0.5	0
0.0	0

**ALEC Criterion Score Calculation**

**(GRE-V %ile + GRE-Q %ile + GRE-W %ile) + (GPR x 100)**

**Master's Minimum to be considered: 350**

**Doctoral Minimum to be considered: 400**

**Old Test Minimums**

**Master's Applicants**

GRE-Q	GRE-V	Writing	Last 60 hrs. GPR
500	410	4	3.1

**Doctoral Applicants**

GRE-Q	GRE-V	Writing	Graduate GPR
500	450	4	3.7

**New Test - Highly Competitive Scores**

**Master's Applicants**

GRE-Q	GRE-V	Writing	Last 60 hrs. GPR
26%	36%	41%	3.1
146	148	4	

**Doctoral Applicants**

GRE-Q	GRE-V	Writing	Graduate GPR
26%	48%	41%	3.7
146	151	4	

If your scores and GPA meet each category above for the degree of interest, your application will be considered highly competitive and you may be admitted without a faculty vote. However, you must still have a faculty member to agree to serve as your interim major advisor (IMA).

**Grad Course Sequencing**  
**Department of Agricultural Leadership, Education, & Communications**

o = odd years; e = even years

<b>Fall Course and Title</b>		<b>Steward</b>
ALEC 602 (o, e)	Advanced Instructional Design in Agricultural Science	Harlin
ALEC 605 (o, e)	Facilitating Complete Secondary Agricultural Science Programs	Rayfield
ALEC 606 (o, e)	Leadership Education Theory	Elbert
ALEC 610 (o, e)	Principles of Adult Education (Web-based)	Lindner
ALEC 611 (o, e)	Advanced Methods in Distance Education (Web-based)	Dooley
ALEC 615 (o, e)	Philosophy of Agricultural Education (Web-Enhanced)	Murphy
ALEC 616 (o, e)	Facilitation of Leadership Programs	Odom
ALEC 621 (o)	Methods of Online Survey Research in Agricultural Science	Wingenbach
ALEC 623 (o, e)	Survey of Evaluation Strategies for Agriculture (Campus & WBased)	Murphrey
ALEC 624 (e)	Developing Funded Research Projects (Doctoral only)	Pina
ALEC 631 (o, e)	Development and Planning of Community Education Programs	Cummings
ALEC 640 (o, e)	Methods of Technological Change (Campus & Web-based)	Strong
ALEC 644 (o, e)	The Agricultural Advisor in Developing Nations	Pina
ALEC 681 (o, e)	Seminar (topics change by semester; can be taken more than once)	Murphy
ALEC 690 (o, e)	Theory of Agricultural Education Research (Basic Quant)	Briers
ALEC 691 (o, e)	Research for MS/PhD	
ALEC 692 (o, e)	Research for EdD	
ALEC 693 (o, e)	Professional Study for MAg	
ALEC 695 (o, e)	Frontiers in Research (Campus & Web-based)	Murphy

<b>Spring Course and Title</b>		<b>Steward</b>
ALEC 601 (o, e)	Advanced Methods in Agricultural Education	Murphy
ALEC 602 (o, e)	Advanced Instructional Design in Agricultural Science	Harlin
ALEC 604 (o, e)	Writing for Professional Publication	Rutherford
ALEC 605 (o, e)	Facilitating Complete Secondary Agricultural Science Programs	Rayfield
ALEC 607 (e)	Youth Leadership Programs (Web-based)	Boyd
ALEC 608 (o, e)	Leadership of Volunteers	Lockett
ALEC 609 (o, e)	Learning Organizations	Moore
ALEC 610 (o, e)	Principles of Adult Education (Campus)	Lindner
ALEC 612 (o, e)	Advanced Instructional Design for Online Learning (Web-based)	Murphrey
ALEC 613 (o, e)	Techniques in eLearning Development & Delivery (Web-based)	Strong
ALEC 620 (o, e)	Instrumentation and Survey Research Methods	Lindner
ALEC 622 (o, e)	Data Collection, Analysis and Interpretation	Briers
ALEC 624 (e)	Developing Funded Research Projects (Masters only)	Pina
ALEC 625 (o, e)	Program Evaluation & Org Accountability (Campus & Web-based)	Elbert
ALEC 630 (o, e)	Guidance and Counseling for Rural Youth	Larke
ALEC 640 (o, e)	Methods of Technological Change (Campus & Web-based)	Strong
ALEC 645 (o, e)	Initiating, Managing & Monitoring Projects of International ADEV	Pina
ALEC 646 (o)	Institutions Serving Agriculture in Developing Nations	Wingenbach
ALEC 652 (o)	Images of Agriculture: Visual Communication Research	Rutherford
ALEC 681 (o, e)	Seminar (topics change by semester; can be taken more than once)	

<b>ALEC 691 (o, e)</b>	<b>Research for MS/PhD</b>	
<b>ALEC 692 (o, e)</b>	<b>Research for EdD</b>	
<b>ALEC 693 (o, e)</b>	<b>Professional Study for MAg</b>	
<b>ALEC 695 (o, e)</b>	<b>Frontiers of Research (Campus &amp; Web-based)</b>	<b>Murphy</b>
<b>ALEC 696 (o, e)</b>	<b>Qualitative Research Methods (Campus &amp; Web-based)</b>	<b>Dooley</b>

<b>Summer Course and Title (Proposed list)</b>		<b>Steward</b>
<b>ALEC 603 (o, e)</b>	<b>Experiential Learning</b>	<b>Rayfield</b>
<b>ALEC 617 (o, e)</b>	<b>Leadership in Organizational Culture &amp; Ethics (Web-based)</b>	<b>Williams</b>
<b>ALEC 625 (e)</b>	<b>Program Evaluation &amp; Org Accountability (Campus &amp; Web-based)</b>	<b>Elbert</b>

**This document is intended for planning purposes. Summer course offerings are proposed for approval in the spring semester. All course offerings are subject to change and it is recommended that students visit with their advisors and course instructors to determine exact offerings for specific semesters.**

**Last Updated, June 2014**

**Agricultural Leadership, Education, & Communications Graduate Course Offering Schedule (Five Year)**

	2013-14	2014-15	2015-16	2016-17	2017-18
<b>FALL</b>	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC	ALEC 602 Adv Instructional Design in AGSC
	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs	ALEC 605 Facilitating Comp Secondary AGSC Programs
	ALEC 606 Leadership Education Theory (Elbert)	ALEC 606 Leadership Education Theory (Moore)	ALEC 606 Leadership Education Theory (Elbert)	ALEC 606 Leadership Education Theory	ALEC 606 Leadership Education Theory
	ALEC 610 Principles of Adult Education (Lindner)	ALEC 610 Principles of Adult Education (Walker) <sup>1</sup>	ALEC 610 Principles of Adult Education (Lindner) <sup>1</sup>	ALEC 610 Principles of Adult Education	ALEC 610 Principles of Adult Education
	ALEC 611 Adv Methods in Distance Ed (Dooley) <sup>1</sup>	ALEC 611 Adv Methods in Distance Ed (Dooley) <sup>1</sup>	ALEC 611 Adv Methods in Distance Ed (Dooley) <sup>1</sup>	ALEC 611 Adv Methods in Distance Ed <sup>1</sup>	ALEC 611 Adv Methods in Distance Ed <sup>1</sup>
	ALEC 615 Philosophy of AGED (Murphy)	ALEC 615 Philosophy of AGED (Murphy)	ALEC 615 Philosophy of AGED (Murphy)	ALEC 615 Philosophy of AGED	ALEC 615 Philosophy of AGED
	ALEC 616 Facilitation of Leadership Programs (Odom)	ALEC 616 Facilitation of Leadership Programs (Odom)	ALEC 616 Facilitation of Leadership Programs (Odom)	ALEC 616 Facilitation of Leadership Programs	ALEC 616 Facilitation of Leadership Programs
	ALEC 621 Methods of Online Survey Research in AGSC (Wingenbach)	ALEC 621 Methods of Online Survey Research in AGSC (Murphrey) <sup>1</sup>	ALEC 621 Methods of Online Survey Research in AGSC	ALEC 621 Methods of Online Survey Research in AGSC	ALEC 621 Methods of Online Survey Research in AGSC (Wingenbach)
	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey)	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) <sup>1</sup>	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) <sup>1</sup>	ALEC 623 Survey of Evaluation Strategies for Agriculture <sup>1</sup>	ALEC 623 Survey of Evaluation Strategies for Agriculture
	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) <sup>1</sup>	ALEC 624 Developing Funded Research Projects (Pina)	ALEC 624 Developing Funded Research Projects (Pina)	ALEC 624 Developing Funded Research Projects	ALEC 624 Developing Funded Research Projects
	ALEC 624 Developing Funded Research Projects-Doctoral only (Pina)	ALEC 631 Development and Planning of Community Education Programs (Ripley)	ALEC 631 Development and Planning of Community Education Programs (Cummings)	ALEC 640 Methods of Technological Change <sup>1</sup>	ALEC 640 Methods of Technological Change <sup>1</sup>
	ALEC 640 Methods of Technological Change (Murphrey) <sup>1</sup>	ALEC 640 Methods of Technological Change (Murphrey) <sup>1</sup>	ALEC 640 Methods of Technological Change (Murphrey) <sup>1</sup>	ALEC 644 The Agricultural Advisor in Developing Nations	ALEC 644 The Agricultural Advisor in Developing Nations
	ALEC 640 Methods of Technological Change (Strong)	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 681 Seminar	ALEC 681 Seminar
	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 681 Seminar (Murphy)	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 690 Theory of AGED Research-Basic Quant	ALEC 690 Theory of AGED Research-Basic Quant
	ALEC 681 Seminar (Hanagriff)	ALEC 681 Seminar (Murphrey) <sup>1</sup>	ALEC 681 Seminar (Murphrey) <sup>1</sup>	ALEC 695 Frontiers in Research	ALEC 695 Frontiers in Research
	ALEC 681 Seminar (Murphrey) <sup>1</sup>	ALEC 690 Theory of AGED Research-Basic Quant (Briers)	ALEC 690 Theory of AGED Research-Basic Quant – Not offered	ALEC 695 Frontiers in Research <sup>1</sup>	ALEC 695 Frontiers in Research <sup>1</sup>
	ALEC 689 Sp Tp Leadership of Teams (Williams)	ALEC 695 Frontiers in Research (Rayfield)	ALEC 695 Frontiers in Research		ALEC 695 Frontiers in Research <sup>1</sup>
	ALEC 689 Sp Tp Mentoring for Success (Odom)	ALEC 695 Frontiers in Research (Strong) <sup>1</sup>	ALEC 695 Frontiers in Research (Strong) <sup>3</sup>		
	ALEC 690 Theory of AGED Research-Basic Quant (Briers)				
	ALEC 695 Frontiers of Research (Rayfield)				
ALEC 695 Frontiers of Research (Strong) <sup>1 3</sup>					

SPRING REGULAR SEMESTER

	2013-14	2014-15	2015-16	2016-17	2017-18
	ALEC 601 Adv Methods in AGED (Murphy)	ALEC 601 Adv Methods in AGED (Murphy) <sup>1</sup>	ALEC 601 Adv Methods in AGED (Murphy)	ALEC 601 Adv Methods in AGED	ALEC 601 Adv Methods in AGED
	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)	ALEC 602 Adv Instructional Design in AGSC (Harlin)
	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 604 Writing for Professional Publication (Leggette)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)
	ALEC 604 Writing for Professional Publication (Rutherford) <sup>1 3</sup>	ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield)	ALEC 604 Writing for Professional Publication	ALEC 604 Writing for Professional Publication	ALEC 604 Writing for Professional Publication
	ALEC 606 Leadership Education Theory (Moore) <sup>3</sup>	ALEC 609 Learning Organizations (Moore)	ALEC 607 Youth Leadership Programs <sup>1</sup>	ALEC 608 Leadership of Volunteers	ALEC 607 Youth Leadership Programs <sup>1</sup>
	ALEC 607 Youth Leadership Programs (Moore) <sup>1</sup>	ALEC 610 Principles of Adult Education (Lindner)	ALEC 608 Leadership of Volunteers	ALEC 609 Learning Organizations	ALEC 608 Leadership of Volunteers
	ALEC 608 Leadership of Volunteers (Lockett)	ALEC 612 Adv Instructional Design for Online Learning (Murphrey) <sup>1</sup>	ALEC 609 Learning Organizations	ALEC 610 Principles of Adult Education	ALEC 610 Principles of Adult Education
	ALEC 609 Learning Organizations (Moore) Cancelled	ALEC 613 Techniques in eLearning Dev & Delivery (Strong) <sup>1</sup>	ALEC 610 Principles of Adult Education	ALEC 612 Adv Instructional Design for Online Learning <sup>1</sup>	ALEC 612 Adv Instructional Design for Online Learning <sup>1</sup>
	ALEC 610 Principles of Adult Education (Lindner)	ALEC 617 Leadership in Organizational Culture & Ethics ( Williams )	ALEC 612 Adv Instructional Design for Online Learning <sup>1</sup>	ALEC 613 Techniques in eLearning Dev & Delivery <sup>1</sup>	ALEC 613 Techniques in eLearning Dev & Delivery <sup>1</sup>
	ALEC 612 Adv Instructional Design for Online Learning (Murphrey) <sup>1</sup>	ALEC 620 Instrumentation & Survey Research Methods (Lindner)	ALEC 613 Techniques in eLearning Dev & Delivery <sup>1</sup>	ALEC 620 Instrumentation & Survey Research Methods (Lindner)	ALEC 622 Data Collection, Analysis, & Interpretation
	ALEC 613 Techniques in eLearning Dev & Delivery (Strong) <sup>1</sup>	ALEC 622 Data Collection, Analysis, & Interpretation (Briers)	ALEC 622 Data Collection, Analysis, & Interpretation	ALEC 622 Data Collection, Analysis, & Interpretation	ALEC 624 Developing Funded Research Projects-Masters only (Pina)
	ALEC 620 Instrumentation & Survey Research Methods (Lindner)	ALEC 625 Program Evaluation & Organizational Accountability (Cummings)	ALEC 624 Developing Funded Research Projects-Masters only (Pina)	ALEC 625 Program Evaluation & Organizational Accountability <sup>1</sup>	ALEC 625 Program Evaluation & Organizational Accountability <sup>1</sup>
	ALEC 622 Data Collection, Analysis, & Interpretation (Briers)	ALEC 630 Guidance & Counseling for Rural Youth – Not offered	ALEC 625 Program Evaluation & Organizational Accountability <sup>1</sup>	ALEC 625 Program Evaluation & Organizational Accountability	ALEC 625 Program Evaluation & Organizational Accountability
	ALEC 625 Program Evaluation & Organizational Accountability (Cummings)	ALEC 640 Methods of Technological Change (Murphrey) <sup>1</sup>	ALEC 625 Program Evaluation & Organizational Accountability	ALEC 630 Guidance & Counseling for Rural Youth	ALEC 630 Guidance & Counseling for Rural Youth
	ALEC 625 Program Evaluation & Organizational Accountability (Elbert) <sup>1</sup>	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 630 Guidance & Counseling for Rural Youth	ALEC 640 Methods of Technological Change <sup>1</sup>	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)
	ALEC 630 Guidance & Counseling for Rural Youth (Larke)	ALEC 646 Institutions Serving AG in Developing Nations (Pina)	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 646 Institutions Serving AG in Developing Nations
	ALEC 640 Methods of Technological Change (Murphrey) <sup>1</sup>	ALEC 681 Seminar (Wingenbach)	ALEC 646 Institutions Serving AG in Developing Nations	ALEC 681 Seminar	ALEC 652 Images of Agriculture: Visual Communication Research
	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 681 Seminar (Murphrey) <sup>1</sup>	ALEC 652 Images of Agriculture: Visual Communication Research	ALEC 695 Frontiers of Research	ALEC 652 Images of Agriculture: Visual Communication Research
	ALEC 646 Institutions Serving AG in Developing Nations (Pina)	ALEC 695 Frontiers of Research (Strong)	ALEC 681 Seminar	ALEC 696 Qualitative Research Methods <sup>1</sup>	ALEC 681 Seminar
	ALEC 681 Seminar (Cummings)	ALEC 696 Qualitative Research Methods (Dooley) <sup>1</sup>	ALEC 681 Seminar <sup>3</sup>		ALEC 681 Seminar <sup>3</sup>
	ALEC 695 Frontiers of Research (Strong)	ALEC 696 Qualitative Research Methods (Lindner)	ALEC 695 Frontiers of Research		ALEC 695 Frontiers of Research
	ALEC 696 Qualitative Research Methods (Dooley) <sup>1</sup>		ALEC 696 Qualitative Research Methods <sup>1</sup>		ALEC 696 Qualitative Research Methods <sup>1</sup>
	ALEC 696 Qualitative Research Methods (Lindner)				

	2013-14	2014-15	2015-16	2016-17	2017-18
<b>Spring Winter Mini-mester</b>	ALEC 640 Methods of Technological Change (Strong) <sup>5</sup> – Costa Rica	ALEC 640 Methods of Technological Change (Murphy, Hanagriff) <sup>5</sup> – Costa Rica			
<b>SSI / Summer Mini-mester</b>	ALEC 603 Experiential Learning (Rayfield) <sup>4</sup> ALEC 604 Writing for Prof. Publication (McKim) ALEC 617 Leadership in Organizational Culture & Ethics (Williams) <sup>1</sup> ALEC 625 Program Evaluation & Organizational Accountability - Not offered ALEC 631 Development and Planning of Community Education Programs - Not offered ALEC 681 Seminar (Murphrey) <sup>1</sup>	Proposed ALEC 603 Experiential Learning (Rayfield) <sup>4</sup> ALEC 607 Youth Leadership Programs (Boyd) <sup>4</sup> ALEC 689 Agriculture and Leadership – Poland and the U.S. (Mazurkiewicz) <sup>5</sup>	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 625 Program Evaluation & Organizational Accountability <sup>1</sup>	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics
<b>SS II</b>	ALEC 604 Writing for Prof. Publication (Rutherford) <sup>5</sup> – Namibia				

- 1 Distance delivery as web-based
- 2 Delivery is web enhanced
- 3 Joint Ed.D. program
- 4 Summer Mini-mester
- 5 Study Abroad

Updated December 2014

**Agricultural Leadership, Education, and Communications (ALEC)  
Graduate Degree Plan Required Research Sequence**

The graduate faculty in ALEC wants to provide you the knowledge and skills to be a consumer and initiator of research. Graduate degrees assume a theoretical perspective, and the ability to conduct research-based inquiry. Degrees requiring original research require more advanced research tools and a knowledge of statistics. If you have previously taken some research coursework, you may proceed through the research sequence taking more advanced courses. If you have no research-related preparation, you may need leveling coursework. Provided below are the minimum requirements for Research Tools courses in the degree programs offered by the department. In addition to the required Research Tools courses, students in each graduate program ordinarily include the ALEC Graduate Seminar, and an appropriate amount of Research, Professional Study, or Internship credit on their Degree Plans. These requirements are summarized in the Table below.

<b>M. Ed. or M. Ag. (3 Hours of Tools)</b>	<b>M. S. (6 Hours of Tools)</b>	<b>Ed. D. (12 Hours of Tools)</b>	<b>Ph. D. (18 Hours of Tools)</b>
ALEC 695	Basic Quant <b>OR</b> Basic Qual	Basic Quant	Basic Quant
	<b>STAT I</b>	Basic Qual.	Basic Qual.
		<b>STAT I OR STAT II</b>	<b>STAT I</b>
<b>ALEC 684 OR ALEC 693</b>	<b>ALEC 681 (1 hr.)</b>	Advanced Quant.	<b>STAT II</b>
	<b>ALEC 691 (4 hrs.)</b>	<b>ALEC 681 (3 hr.)</b>	Measurement/Instrumentation
			STAT III
		<b>ALEC 684 (6 hrs.)</b>	Interpretation/Analysis
			Writing/Reporting Results
		<b>ALEC 692 (12 hrs.)</b>	<b>ALEC 681 (3 hr.)</b>
			<b>ALEC 691 (12 hrs.)</b>

**Notes:**

- ALEC 681 (graduate seminar) is a part of our departmental research culture. *All graduate students are encouraged to attend even when not enrolled.*
- A Master of Science student is limited to one 690 course. The STAT series in EDAD or EHRD are 690 courses, so plan accordingly. In addition, there is a limitation to the number of variable course credit (refer to catalog).
- Doctoral students ordinarily include a basic quantitative and qualitative course, two graduate statistics courses, and one or more advanced methods courses matching the methods chosen for their study (quant/qual) in the following areas 1) measurement/instrumentation, 2) interpretation/analysis, and 3) writing/reporting results.

**Variable Credit Courses in ALEC**

ALEC 681	Seminar
ALEC 684	Professional Internship (M.Ed., M.Ag., EdD)
ALEC 685	Direct Studies
ALEC 691	Research (PhD dissertation and MS thesis)
ALEC 692	Professional Study (EdD Record of Study)
ALEC 693	Professional Study (MEd, M.Ag., Professional Paper)

**Approved Statistics Courses**

STAT 651 (STAT I)	Statistics in Research I
EDAD/EHRD 690 (STAT I)	Theory of EDAD/EHRD Research-STAT I
EPSY 640 (STAT I)	Experimental Design in Education I
STAT 652 (STAT II)	Statistics in Research II
EDAD/EHRD 690 (STAT II)	Theory of EDAD/EHRD Research-STAT II
EPSY 641 (STAT II)	Experimental Design in Education II

### Approved Research Tools Courses in ALEC

ALEC 604	Writing for Professional Publication
ALEC 620	Instrumentation and Survey Research Methods in Ag Ed
ALEC 621	Online Research Methods
ALEC 622	Data Analysis and Interpretation
ALEC 690	Basic Quantitative Research Methods
ALEC 695	Frontiers in ALEC Research—Required for Masters programs
ALEC 696	Qualitative Research Methods

### Approved Research Tools Courses by Department

STAT 606	Design of Experiments
STAT 607	Sampling
STAT 609	Order Statistics and Non-Parametric Methods
STAT 636	Methods in Multivariate Analysis
STAT 641	The Methods of Statistics I
STAT 642	The Methods of Statistics II
STAT 653	Statistics in Research III
STAT 659	Applied Categorical Data Analysis
EDAD 623	Advanced Fieldwork Methods (Advanced Qual)
EDAD 690	Theory of EDAD Research—Field Methods (Intro Qual)
EDAD 690	Theory of EDAD Research—Proposal Preparation
EDAD/EHRD 690	Theory of EDAD/EHRD Research—Research Design (STAT III)
EDAD 690	Theory of EDAD Research—Survey Data Analysis
EDCI 636	Educator as Researcher
EDCI 673	Analysis of Teaching Behavior
EHRD 627	Research and Development in EHRD
EHRD 651	Models of Epistemology and Inquiry in EHRD
EHRD 655	Qualitative Research Methods
EHRD 656	Narrative Analysis (Advanced Qual)
EHRD 657	Life History Research (Advanced Qual)
EHRD 690	Theory of EHRD Research—Adult Ed Research Design (Qual)
EHRD 690	Theory of EHRD Research—Literature Review
EPSY 435	Educational Statistics
EPSY 622	Measurement and Evaluation in Research
EPSY 625	Advanced Behavioral Measurement
EPSY 636	Techniques of Research
EPSY 640	Experimental Design in Education I
EPSY 641	Experimental Design in Education II
EPSY 642	Meta-Analysis of Behavioral Research
EPSY 643	Applied Multivariate Methods
COMM 610	Social Science Methods in Communication Research (Quan)
COMM 615	Interpretive Research in Communication (Qual)
KINE 601	Reading Research Publications in Kinesiology
PSYC 623	Standardized Tests and Measurements
PSYC 624	Individual Testing
PSYC 627	Individual Testing of Children and Adolescents
PSYC 671	Experimental Design for Behavioral Scientists
PSYC 672	Factor Analysis for Behavioral Scientists
PSYC 673	Psychometric Theory and Methods
PSYC 674	Covariance Structure Models and Causal Analysis
PSYC 676	Web-Based Data Collection
RPTS 615	Analytic Techniques in RPTS
SOCI 623	Measurement of Sociological Parameters
SOCI 624	Qualitative Methodology (Intro Qual)
SOCI 631	Seminar in Sociological Research
URSC 641	Analytics Methods in Landscape and Urban Research I