Graduate Faculty Meeting Minutes
September 17, 2015, 9:30 am, AGLS 129

<u>Present:</u> James Christiansen, Scott Cummings, Julie Harlin, Theresa Murphrey, Summer Odom, John Rayfield, Tim Murphy, Clarice Fulton

<u>Not Present:</u> Barry Boyd, Gary Briers, Deb Dunsford, Chanda Elbert, Kim Dooley, Jack Elliot, James Lindner, Holli Leggette, Billy McKim, Lori Moore, Manuel Pina, Tobin Redwine, Jeff Ripley, Rutherford, Jennifer Strong, Robert Strong, Glen Shinn, Andy Vestal, Gary Wingenbach

<u>Action/Discussion Items</u>

1) Approval of Minutes from the August meeting (Attachment A) – Tim Murphy
   Motion was made by John Rayfield, Second by Julie Harlin, to "Approve the August minutes as distributed." Motion passed unanimously.

2) Graduate Curriculum Committee Report – Tim Murphy – **No report.**

3) Graduate Admission Review -- Number of cycles and dates – Tim Murphy
   During the last meeting, it was suggested that, with the implementation of 9+ faculty contracts, the admission cycle should be reviewed, specifically to determine whether we should eliminate the June cycle, and move the deadlines for the two that would remain. Faculty had the opportunity to send suggestion to Dr. Murphy prior to this meeting. The faculty present discussed different possibilities and a motion was made.

   Motion was made by Julie Harlin, Seconded by Scott Cummings, to "Change the current three admission review cycle deadline dates of February 1, June 1, and October 1; to January 2, April 1, and October 1. The new review cycles is to begin with the January 2, 2016 deadline."

   Voting was extended via email until Tuesday 9/22 for members not in attendance. Motion passed.

<u>Old Business</u>
None at this time.

<u>New Business</u>
None at this time.

<u>Informational Items</u>
1) Graduate Stipends – Tim Murphy
   Faculty are aware that the College no longer provides funding for masters graduate assistants tuition. The Department has been fortunate to find funding resources Spring 2015 and Fall 2015. We exhausted these resources, and need to find a sustainable path forward.

   The faculty present discussed possible solutions to maintaining Departmentally-funded Graduate Assistantship numbers and the competitiveness of our overall Departmentally-funded Assistantship offers. It was recognized that Faculty Members can support Graduate Assistants on grants, contracts, through salary savings, etc. This discussion only effects those on Departmentally-funded positions

   One option is to do nothing. Departmentally-funded Assistantship offers would remain the same. Some people thought we would attract fewer, or less competitive, graduate assistants, others thought it would have little effect.

   One option is to employ fewer Departmentally-funded Graduate Assistants, and increase the stipends of those remaining. We would need 3-4 positions. Each Program Area would lose one

Departmentally-funded Assistantship. Historical: 4/ALED; 4/AGCJ; 3/AGSC; 1/TEI. New: 3/ALED; 3/AGCJ; 2/AGSC; 0/TEI. This was not widely supported.

We can request that additional resources be allocated to these Graduate Assistantships. The amount of COALS funding provided, and directed by ALEC to Graduate Assistantships, has not increased in 20 years. Neither has the amount of Houston Livestock Show & Rodeo funding. GA stipends have increased.

Some form of "base" funding, with a merit-based incentive payment was discussed. The Graduate Assistant and their IMA or Chair would request additional Departmental funding based on Merit. This could be used to increase stipends, or for travel expenses. Evaluating graduate assistants rapidly enough to use the data to make these decisions was discussed. The current end of semester faculty/supervisor evaluation process would need to be adjusted.

Our messaging has been confusing for current graduate assistants. We have consistently notified them that Tuition will not be paid, but have consistently paid those charges. The graduate assistants need to be fully aware of their funding for Spring 2016 ASAP. Therefore – a way to address this issue needs to be determined by the next meeting.

Dr. Murphy asks that you bring your solutions to the next meeting for discussion.

2) Encourage Study Abroad/HIE – Gary Wingenbach

Graduate Faculty Meeting Appendices (provided each month):
  1) Graduate Admission Criterion Score Calculation/GRE Percentile Rankings (Attachment B)
  2) Graduate Course Rotation/Steward (Attachment C)
  3) Five Year Course Rotation (Attachment D)
  4) Graduate Course Research Tools Sequence (Attachment E)

Travel Request Form Deadlines
Domestic (30 days prior to trip):	e.g. travel November 1, 2015 due by October 1, 2015
International (60 days prior to trip):	e.g. travel December 1, 2015 due by October 1, 2015

Upcoming Events/Meetings
September 23, 2015	Departmental Mtg, Breakfast 7:45; mtg 8:15 am, AGLS 129
October 7, 2015	Virtual Board Meetings – Lunch at noon – afternoon meetings
October 14-17, 2015	International Leadership Association, Spain
October 22, 2015	Departmental Mtg, 2:00 pm, AGLS 129
October 26-30, 2015	National FF Convention, Louisville, KY
November 11, 2015	Departmental Mtg, 2:15 pm, AGLS 129
November 16-20, 2015	ACTER/ACTE, New Orleans, LA
November 26-27, 2015	Thanksgiving Holiday

Future Graduate Faculty
October 15, 2015 - 1:30 pm, AGLS 129
November 9, 2015 – 10:00 am, AGLS 129

GRE SCORES and PERCENTILE RANKS

PREV SCORE	NEW SCORE Q	QUANT %	NEW SCORE V	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) + (last 60 hrs 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).

Department of Agricultural Leadership, Education, & Communications
Graduate Course Rotation

o = odd years; e = even years

Fall Course and Title		Steward
ALEC 602 (o, e)	Advanced Instructional Design in Agricultural Science	??
ALEC 605 (o, e)	Facilitating Complete Secondary Agricultural Science Programs	??
ALEC 606 (o, e)	Foundations of Leadership 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 (o, e)	Developing Funded Research Projects	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

Spring Course and Title		Steward
ALEC 601 (o, e)	Advanced Methods in Agricultural Education	Murphy
ALEC 602 (o, e)	Advanced Instructional Design in Agricultural Science	??
ALEC 604 (o, e)	Writing for Professional Publication	Rutherford
ALEC 605 (o, e)	Facilitating Complete Secondary Agricultural Science Programs	??
ALEC 607 (e)	Youth Leadership Programs (Web-based)	Boyd
ALEC 608 (o, e)	Leadership of Volunteers	??
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 625 (o, e)	Program Evaluation & Org Accountability (Campus & Web-based)	Elbert
ALEC 630 (o, e)	Guidance and Counseling for Rural Youth	??
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, e)	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)	
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
ALEC 696 (o, e)	Qualitative Research Methods (Campus & Web-based)	Dooley

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

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, January 2015

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

	2012-13	2013-14	2014-15	2015-16	2016-17
FALL	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 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	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 (Elbert)	ALEC 606 Leadership Education Theory	ALEC 606 Leadership Education Theory	ALEC 606 Leadership Education Theory
	ALEC 610 Principles of Adult Education (Lindner) [1][3]	ALEC 610 Principles of Adult Education (Lindner) [1]	ALEC 610 Principles of Adult Education [1]	ALEC 610 Principles of Adult Education [1]	ALEC 610 Principles of Adult Education [1]
	ALEC 611 Adv Methods in Distance Ed (Dooley) [1]	ALEC 611 Adv Methods in Distance Ed (Dooley) [1]	ALEC 611 Adv Methods in Distance Ed [1]	ALEC 611 Adv Methods in Distance Ed [1]	ALEC 611 Adv Methods in Distance Ed [1]
	ALEC 615 Philosophy of AGED (Murphy) [2]	ALEC 615 Philosophy of AGED (Murphy)	ALEC 615 Philosophy of AGED	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	ALEC 616 Facilitation of Leadership Programs	ALEC 623 Survey of Evaluation Strategies for Agriculture
	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey)	ALEC 621 Methods of Online Survey Research in AGSC (Wingenbach)	ALEC 623 Survey of Evaluation Strategies for Agriculture	ALEC 621 Methods of Online Survey Research in AGSC	ALEC 624 Developing Funded Research Projects
	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) [1]	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey)	ALEC 624 Developing Funded Research Projects	ALEC 623 Survey of Evaluation Strategies for Agriculture [1]	ALEC 640 Methods of Technological Change [1]
	ALEC 624 Developing Funded Research Projects-Doctoral only (Pina)	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) [1]	ALEC 640 Methods of Technological Change [1]	ALEC 624 Developing Funded Research Projects	ALEC 644 The Agricultural Advisor in Developing Nations
	ALEC 640 Methods of Technological Change (Murphrey) [1]	ALEC 624 Developing Funded Research Projects (Pina)	ALEC 644 The Agricultural Advisor in Developing Nations	ALEC 640 Methods of Technological Change [1]	ALEC 681 Seminar
	ALEC 640 Methods of Technological Change (Strong)	ALEC 640 Methods of Technological Change (Murphrey) [1]	ALEC 681 Seminar	ALEC 644 The Agricultural Advisor in Developing Nations	ALEC 690 Theory of AGED Research-Basic Quant
	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 690 Theory of AGED Research-Basic Quant	ALEC 681 Seminar	ALEC 695 Frontiers in Research
	ALEC 681 Seminar (Murphy)- Theoretical Frameworks	ALEC 681 Seminar (McKim)	ALEC 695 Frontiers in Research	ALEC 690 Theory of AGED Research-Basic Quant	ALEC 695 Frontiers in Research [1]
	ALEC 681 Seminar (Murphrey)	ALEC 690 Theory of AGED Research-Basic Quant (Briers)	ALEC 695 Frontiers in Research [1]	ALEC 695 Frontiers in Research	
	ALEC 681 Seminar (Strong) [1][3]	ALEC 695 Frontiers in Research (Rayfield)		ALEC 695 Frontiers in Research [1]	
	ALEC 690 Theory of AGED Research-Basic Quant (Briers)	ALEC 695 Frontiers in Research (Strong) [1]			
	ALEC 695 Frontiers of Research (Rayfield)				
	ALEC 695 Frontiers of Research (Strong) [1]				

	2012-13	2013-14	2014-15	2015-16	2016-17
SPRING REGULAR SEMESTER	ALEC 601 Adv Methods in AGED (Murphy) ALEC 601 Adv Methods in AGED (Murphy) [3] ALEC 602 Adv Instructional Design in AGSC (Harlin) ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield) ALEC 604 Writing for Professional Publication (McKim) ALEC 608 Leadership of Volunteers (Lockett) ALEC 609 Learning Organizations (Moore) ALEC 612 Adv Instructional Design for Online Learning (Murphrey) [1] ALEC 613 Techniques in eLearning Dev & Delivery (Strong) [1] ALEC 620 Instrumentation & Survey Research Methods (Lindner) ALEC 622 Data Collection, Analysis, & Interpretation (Briers) ALEC 624 Developing Funded Research Projects-Masters only (Pina) ALEC 625 Program Evaluation & Organizational Accountability (Cummings) ALEC 625 Program Evaluation & Organizational Accountability (Elbert) [1] ALEC 630 Guidance & Counseling for Rural Youth (Larke) ALEC 640 Methods of Technological Change (Murphrey) [1] ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina) ALEC 652 Images of Agriculture: Visual Communication Research (Rutherford) ALEC 681 Seminar (Wingenbach)-Intrl ALEC 695 Frontiers of Research (Strong) ALEC 695 Frontiers of Research (Odom) [1] ALEC 696 Qualitative Research Methods (Dooley) [1] ALEC 696 Qualitative Research Methods (Lindner)	ALEC 601 Adv Methods in AGED ALEC 602 Adv Instructional Design in AGSC (Harlin) ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield) ALEC 604 Writing for Professional Publication ALEC 607 Youth Leadership Programs [1] ALEC 608 Leadership of Volunteers ALEC 609 Learning Organizations ALEC 612 Adv Instructional Design for Online Learning [1] ALEC 613 Techniques in eLearning Dev & Delivery [1] ALEC 620 Instrumentation & Survey Research Methods (Lindner) ALEC 622 Data Collection, Analysis, & Interpretation ALEC 624 Developing Funded Research Projects-Masters only (Pina) ALEC 625 Program Evaluation & Organizational Accountability [1] ALEC 625 Program Evaluation & Organizational Accountability ALEC 630 Guidance & Counseling for Rural Youth ALEC 640 Methods of Technological Change [1] ALEC 641 The Transfer of Technology by Institutions ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina) ALEC 646 Institutions Serving AG in Developing Nations ALEC 681 Seminar [3] ALEC 695 Frontiers of Research ALEC 696 Qualitative Research Methods [1]	ALEC 601 Adv Methods in AGED ALEC 602 Adv Instructional Design in AGSC (Harlin) ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield) ALEC 604 Writing for Professional Publication ALEC 608 Leadership of Volunteers ALEC 612 Adv Instructional Design for Online Learning [1] ALEC 613 Techniques in eLearning Dev & Delivery [1] ALEC 622 Data Collection, Analysis, & Interpretation ALEC 624 Developing Funded Research Projects-Masters only (Pina) ALEC 625 Program Evaluation & Organizational Accountability [1] ALEC 625 Program Evaluation & Organizational Accountability ALEC 630 Guidance & Counseling for Rural Youth ALEC 641 The Transfer of Technology by Institutions ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV ALEC 652 Images of Agriculture: Visual Communication Research ALEC 681 Seminar ALEC 681 Seminar [3] ALEC 695 Frontiers of Research ALEC 696 Qualitative Research Methods [1]	ALEC 601 Adv Methods in AGED ALEC 602 Adv Instructional Design in AGSC (Harlin) ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield) ALEC 604 Writing for Professional Publication ALEC 607 Youth Leadership Programs [1] ALEC 608 Leadership of Volunteers ALEC 609 Learning Organizations ALEC 612 Adv Instructional Design for Online Learning [1] ALEC 613 Techniques in eLearning Dev & Delivery [1] ALEC 620 Instrumentation & Survey Research Methods (Lindner) ALEC 622 Data Collection, Analysis, & Interpretation ALEC 624 Developing Funded Research Projects-Masters only (Pina) ALEC 625 Program Evaluation & Organizational Accountability [1] ALEC 625 Program Evaluation & Organizational Accountability ALEC 630 Guidance & Counseling for Rural Youth ALEC 640 Methods of Technological Change [1] ALEC 641 The Transfer of Technology by Institutions ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina) ALEC 646 Institutions Serving AG in Developing Nations ALEC 681 Seminar ALEC 695 Frontiers of Research ALEC 696 Qualitative Research Methods [1]	ALEC 601 Adv Methods in AGED ALEC 602 Adv Instructional Design in AGSC (Harlin) ALEC 605 Facilitating Comp Secondary AGSC Programs (Rayfield) ALEC 604 Writing for Professional Publication ALEC 608 Leadership of Volunteers ALEC 612 Adv Instructional Design for Online Learning [1] ALEC 613 Techniques in eLearning Dev & Delivery [1] ALEC 622 Data Collection, Analysis, & Interpretation ALEC 624 Developing Funded Research Projects-Masters only (Pina) ALEC 625 Program Evaluation & Organizational Accountability [1] ALEC 625 Program Evaluation & Organizational Accountability ALEC 630 Guidance & Counseling for Rural Youth ALEC 641 The Transfer of Technology by Institutions ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV ALEC 652 Images of Agriculture: Visual Communication Research ALEC 681 Seminar ALEC 681 Seminar [3] ALEC 695 Frontiers of Research ALEC 696 Qualitative Research Methods [1]

	2012-13	2013-14	2014-15	2015-16	2016-17
Spring Winter Mini-mester	ALEC 640 Methods of Technological Change (Strong, Harlin) [5] – Costa Rica	ALEC 640 Methods of Technological Change (Strong) [5] – Costa Rica			
SS I / Summer Mini-mester	**Proposed** ALEC 603 Experiential Learning (Rayfield) [4] ALEC 604 Writing for Professional Publication (McKim) ALEC 610 Principles of Adult Education (Lindner) [4] ALEC 617 Leadership in Organizational Culture & Ethics (Williams) [1] ALEC 625 Program Evaluation & Organizational Accountability (Elbert) [1] ALEC 631 Development and Planning of Community Education Programs (Cummings) ALEC 640 Methods of Technological Change (Strong) ALEC 681 Seminar (Murphrey) ALEC 681 Seminar (McKim) [1] ALEC 695 Frontiers of Research (McKim)	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 625 Program Evaluation & Organizational Accountability [1] ALEC 631 Development and Planning of Community Education Programs	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 631 Development and Planning of Community Education Programs	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 625 Program Evaluation & Organizational Accountability [1] ALEC 631 Development and Planning of Community Education Programs	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 631 Development and Planning of Community Education Programs
SS II	ALEC 604 Writing for Prof.Publication (Rutherford) [5] – Namibia				

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

Updated January 2013

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.

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

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 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

Revised March 2015