

Graduate Faculty Meeting Minutes
June 8, 2015, 1:30-2:30 pm, AGLS 200

Present: Gary Briers, Julie Harlin, James Lindner, Billy McKim, Tim Murphy, Tobin Redwine, Tracy Rutherford, Gary Wingenbach, Clarice Fulton

Not Present: Barry Boyd, James Christiansen, Scott Cummings, Kim Dooley, Deb Dunsford, Chanda Elbert, Jack Elliot, Alvin Larke, Holli Leggette, Lori Moore, Theresa Murphrey, Summer Odom, Manuel Pina, John Rayfield, Jeff Ripley, Tracy Rutherford, Glen Shinn, Jennifer Strong, Robert Strong, Andy Vestal, Gary Wingenbach

Action/Discussion Items

- 1) Approval of Minutes from the April (Research Course Discussion) meeting. No May meeting. - Tim Murphy
Motion was made by Dr. James Lindner to “Approve the April minutes as amended. The statement referencing the completion date of the research sequence restructuring effort meant that a discussion with CTE will be completed by the Fall semester.” Second by Julie Harlin. Motion passed unanimously.
- 2) Graduate Admission Discussions (Handout of data available at meeting) – Tim Murphy
An open discussion was held about the admission of each applicant. Access to applicant materials and data summary/ballot is available on the Group drive, Graduate Admissions folder/Admissions-Fall 2015 folder. Faculty may submit their votes using the ballot until June 17 at midnight. Please review the applicants, vote, and indicate if you are willing to serve as an IMA (interim major advisor) for the applicant.
- 3) New Graduate Faculty Requirements – Graduate Committee Faculty Membership (Attachment A) – Tim Murphy
Dr. Murphy followed-up regarding the information provided at the Department meeting about Graduate Committee Faculty Membership. Membership status is under discussion at the University level. The “Associate Member” classification would be eliminated in favor of a complex system of individualized “roles” for each Member (e.g. Chair a Doctoral Dissertation to Member on Non-Thesis Master Committee). A draft of the proposed changes is attached to the minutes for review. No changes to the current system have been enacted, nor do we expect any before the 2016-17 Catalog.
- 4) Graduate Curriculum Committee Report – Gary Briers – **No report at this time.**

Old Business

New Business

- 1) **A review of the Graduate Program Admission Cycles will be added to the agenda of the August meeting. Three years of historical graduate admissions data (# Applied by admission cycle) will be provided.**

Informational Items

- 1) **Welcome Dr. Tobin Redwine – as the latest addition to the ALEC Graduate Faculty**
- 2) **Fall teaching assignments and faculty group affiliations have changed for Drs. Julie Harlin and John Rayfield.**

Dr. Harlin will be attending TEI meetings which will expand her knowledge and experience in distance learning. She will be teaching ALEC 630 online, ALEC 640 as a campus course, and ALEC 681 for Fall 2015.

Dr. Rayfield will be affiliated with the Extension education area. He will be teaching ALEC 615 and ALEC 695 for Fall 2015.

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 August 1, 2015 due by July 1, 2015
International (60 days prior to trip): e.g. travel September 1, 2015 due by July 1, 2015

Upcoming Events/Meetings

June 3-June 30	AgEd Academy
June 16-20, 2015	NACTA, Athens, GA
July 12-15, 2015	ALE
July 17, 2015	Annual Benefits Meeting, 9:00 am, AGLS 129
August 17-19, 2015	Cohort 7 D@D Induction meeting, Lubbock
August 25, 2015	Departmental Mtg, Breakfast 7:30; Mtg 8:15 am, AGLS 129
August 31, 2015	First Day of Fall classes
September 14, 2015	WRAAAE, Corvallis, OR

Future Graduate Faculty

August 24, 2015 – 11:45 am, AGLS 129 - Lunch provided
September 17, 2015 – 9:30 am, AGLS 129
October 15, 2015 – 1:30 pm, AGLS 129
November 9, 2015 – 10:00 am, AGLS 129

Graduate Faculty

The Graduate Faculty at Texas A&M University consists of the President, the Provost and Executive Vice President for Academic Affairs, the Associate Provosts, the Deans of all subject-matter colleges, selected Directors, and properly qualified academic groups.

This document presents University policies and practices which Department Heads and Intercollegiate faculties should use in nominating members to the Graduate Committee Faculty of Texas A&M University for participation on graduate student advisory committees and discusses the various roles of Graduate Committee Faculty. Departments, intercollegiate faculties, and colleges may have additional requirements that must be satisfied by individuals wishing to be recommended for appointment to the Graduate Committee Faculty. Additional requirements are subject to the review and approval of the Associate Provost for Graduate and Professional Studies.

Graduate Teaching Faculty

According to SACS guidelines, faculty teaching graduate and post-baccalaureate course work should have an earned doctorate or terminal degree in the teaching discipline or a related discipline. Other factors that may be considered include a master's degree or at least 18 semester credit hours of graduate-level coursework in the same or closely related field; professional licensure or certification in a related field or profession, or significant professional, research or teaching experience in the same or closely related field.

The office of the dean of faculties assumes responsibility for checking the teaching qualifications for faculty. Colleges and departments oversee hiring of graduate assistants who serve as instructors-of-record. The guidelines for all instructional faculty, including graduate teaching assistants, who are instructors of record at Texas A&M University and its two branch campuses, Texas A&M University at Galveston and Texas A&M University at Qatar are available at:

http://dof.tamu.edu/sites/default/files/Faculty_Guidelines/Credentialing_Guidelines.pdf

Graduate Committee Faculty

Appointees to the Graduate Committee Faculty participate in the graduate degree programs of the University by serving on graduate student advisory committees. Individuals who have not been appointed to the Graduate Committee Faculty may not serve on student advisory committees unless special approval is granted by the Associate Provost for Graduate and Professional Studies.

Members of the Graduate Committee Faculty are selected from qualified individuals of the academic staff of Texas A&M University and its branch campuses in Galveston and Qatar; from the staff of other parts of the University; from the Texas A&M University System agencies such as Texas A&M AgriLife Research, Texas A&M Forest Service, TAEX, TEES, TTI; and affiliated research organizations (such as USDA) located near Texas A&M campus sites.

Nomination for membership on the Graduate Committee Faculty is always initiated by the head of the appropriate academic department, college, or intercollegiate faculty of Texas A&M University and is processed as discussed in the following sections.

Appointment to membership on the Graduate Committee Faculty, although considered an honor, serves functional purposes. Appointment to membership is not for the purpose of conferring recognition upon an individual, but is designed to assure competence in the directing and counseling of graduate students. Such competence is, in part, a function of experience and knowledge of operational procedures; it is also characterized by ability and motivation.

Membership on the Graduate Committee Faculty is maintained only by participating in the graduate program by directing or administering graduate work, by doing research and publishing, or by other direct and substantial contributions to the graduate programs of the University, such as by service on a Graduate Instruction Committee or by administrative assignments in graduate education. Members of the graduate committee faculty may not be a graduate student in the academic program for which s/he is pursuing a graduate degree program or certificate.

The Graduate Council expects that all Deans, Department Heads and Chair of Intercollegiate faculties will regularly review the Graduate Committee Faculty under their direction and will recommend withdrawal of the appointments of any members who no longer merit membership on the Graduate Committee Faculty on the basis of their lack of contribution to graduate education. The Department Head or Chair of intercollegiate faculty shall notify any faculty member who is non-voluntarily removed from the roles of the Graduate Committee Faculty, and the faculty member has the right to appeal his/her removal through the PPM 2.3.2.6 (Faculty Grievance Procedures). ****Add language from catalog about faculty leaving university*****

The two categories of membership are: 1) Member, and 2) Special Appointment.

Roles of Graduate Committee Faculty

Member			
Role	Master's Only	Doctoral (PhD)	EdD, etc.??
Chair	X	X	X
Co-Chair	X	X	X
Member	X	X	X
Special Appointment			
Extra member (non-voting)	X	X	X

Commented [KBP1]:
George and Dave – Would there be cases where you allow a NTT individual to chair or co-chair an EdD committee but not want them to be able to chair or co-chair a PhD committee?

Antonio and John – Is there a similar need for your non-PhD doctoral programs – DrPH and DrEng?

Members of Graduate Committee Faculty

A. Tenured and Tenure-Track Faculty

Tenured and Tenure-track (T/TT) faculty members of Texas A&M University and its two branch campuses, Texas A&M University at Galveston and Texas A&M University at Qatar are eligible to

participate as members of the Graduate Committee Faculty under criteria and guidelines as established by each college or department. T/TT faculty may serve as chair, co-chair, or member of advisory committees of master's and doctoral students.

Appointment of a T/TT faculty member is accomplished through use of the Personal Record Form by the head of a department or chair of intercollegiate faculty. Nominations of T/TT faculty members who are not adloc to a graduate degree-granting unit, to serve as chair or co-chair in a graduate degree-granting unit must come from the department head or chair of intercollegiate faculty for that graduate degree-granting unit.

B. Non- Tenure Track Faculty and Professional Staff

A non-tenure-track individual is eligible to participate as a member of the Graduate Committee Faculty, and may serve as chair, co-chair, or member of advisory committees of master's and doctoral students with appropriate approval.

Appointments of non-tenure-track individuals are accomplished by use of the Personal Record Form and a letter, initiated by the head of the academic department, college, or chair of intercollegiate faculty, through the College Graduate Instruction Committee and the College Dean. The letter must provide evidence that the nominee meets the qualifications for the desired role(s).

1. General qualifications for serving on advisory committees for master's students only

Minimum qualifications for non-tenure track individuals to serve in the various roles of the graduate committee faculty for master's students only are described below each role in the following section.

Chair role:

The following minimum qualifications must be met for non-tenure-track individuals to be eligible to serve in the chair role on advisory committees for master's students.

- (a) have an earned master's or terminal degree
- (b) has actively served on a graduate students' advisory committee, or has held an administrative assignment in a graduate program of a university
- (c) has published a scholarly work as primary author or corresponding author, or appropriate evidence of professional accomplishment related to the discipline
- (d) employed by Texas A&M University; Texas A&M University System agencies such as Texas A&M AgriLife Research, Texas A&M Forest Service, TAEX, TEES, TTI; *** and located in cities of Texas A&M and branch campuses.

Co-Chair role:

The following minimum qualifications must be met for non-tenure-track individuals to be eligible to serve in the co-chair role on advisory committees for master's students.

- (a) have an earned master's or terminal degree
- (b) has actively served on a graduate students' advisory committee, or has held an administrative assignment in a graduate program of a university
- (c) has published a scholarly work as primary author or corresponding author, or appropriate evidence of professional accomplishment related to the discipline
- (d) employed by Texas A&M University; Texas A&M University System agencies such as Texas A&M AgriLife Research, Texas A&M Forest Service, TAEX, TEES, TTI; ***; and not located in cities of Texas A&M and branch campuses.

Member role:

The following minimum qualifications must be met for non-tenure-track individuals to be eligible to serve in the member role on advisory committees for master's students.

- (a) have an earned master's or terminal degree, or an earned bachelor's degree and appropriate evidence of professional accomplishments related to the discipline

Exceptions to the minimum qualifications of any of the various roles listed above for NTT individuals may be requested as a part of the letter from heads of departments, colleges, or chairs of intercollegiate faculty through the Graduate Instruction Committee and Dean of College.

2. General qualifications for serving on advisory committees for doctoral students

Minimum qualifications for non-tenure track individuals to serve in the various roles of the graduate committee faculty for doctoral students [and master's students] are described below each role in the following section.

Chair role:

The following minimum qualifications must be met for non-tenure-track individuals to be eligible to serve in the chair role on advisory committees for doctoral students.

- (a) have an earned doctoral or terminal degree
- (b) has actively served on a graduate students' advisory committee, or has held an administrative assignment in a graduate program of a university
- (c) has published a scholarly work as primary author or corresponding author, or appropriate evidence of professional accomplishment related to the discipline
- (d) employed by Texas A&M University; Texas A&M University System agencies such as Texas A&M AgriLife Research, Texas A&M Forest Service, TAEX, TEES, TTI; *** and located in cities of Texas A&M and branch campuses.

Co-Chair role:

The following minimum qualifications must be met for non-tenure-track individuals to be eligible to serve in the co-chair role on advisory committees for doctoral students.

- (a) have an earned doctoral or terminal degree
- (b) has actively served on a graduate students' advisory committee, or has held an administrative assignment in a graduate program of a university
- (c) has published a scholarly work as primary author or corresponding author, or appropriate evidence of professional accomplishment related to the discipline
- (d) employed by Texas A&M University; Texas A&M University System agencies such as Texas A&M AgriLife Research, Texas A&M Forest Service, TAEX, TEES, TTI; ***; and not located in cities of Texas A&M and branch campuses.

Member role:

The following minimum qualifications must be met for non-tenure-track individuals to be eligible to serve in the member role on advisory committees for doctoral students.

- (a) have an earned doctoral or terminal degree, or an earned bachelor's or master's degree and appropriate evidence of professional accomplishments related to the discipline

Exceptions to the minimum qualifications of any of the various roles listed above may be requested by heads of departments, colleges, or chairs of intercollegiate faculty through the Graduate Instruction Committee and Dean of College.

Special Appointments

There may be times when the head of an academic department or chair of intercollegiate faculty wishes to have qualified individuals serve [such as, from another university, government or industry] on a student's Advisory Committee without being permanent members on the Graduate Committee Faculty.

These appointments are accomplished by use of the Personal Record Form and a letter, initiated by the head of an academic department or chair of intercollegiate faculty to the Associate Provost for Graduate and Professional Studies with the individual's resume attached, and a list of the specific student advisory committees. An individual serving as a Special Appointment to the Graduate Committee Faculty is not counted toward the minimum number of Graduate Committee Faculty necessary to form the committee.

If the chair of a student's advisory committee voluntarily leaves the University and

the student wants the chair to continue to serve in this role, the student is responsible for securing a current member of the University Graduate Faculty, from her/his academic program and located on the respective Texas A&M University campus, to serve as the co-chair of the committee. If the committee chair is on an approved leave of absence, s/he can remain as chair without a co-chair for up to one year with written approval of the Department Head or chair of the intercollegiate faculty. Extensions beyond the one year period can be granted with additional approval of the Dean.

If the chair of the student's advisory committee is unavailable for an extended time in any academic period during which the student is involved in activities relating to an internship, thesis or professional paper and is registered for courses such as 684, 691, 692 or 693, the student may request, in writing, that the department head appoint an alternate advisory committee chair during the interim period.

Commented [KBP2]: Check to see if this is the change that was approved. I thought they did not have to be on an approved leave.

DRAFT

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).

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)	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 (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 (Campus & 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, December 2014

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

	2015-16	2016-17	2017-18	2018-19	2019-20
FALL	ALEC 602 Adv Instructional Design in AGSC (Moore)	ALEC 602 Adv Instructional Design in AGSC	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 (Murphy)	ALEC 605 Facilitating Comp Secondary AGSC Programs	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 (Elbert)	ALEC 606 Leadership Education Theory	ALEC 606 Leadership Education Theory
	ALEC 610 Principles of Adult Education (Lindner) ¹	ALEC 610 Principles of Adult Education (Lindner) ¹	ALEC 610 Principles of Adult Education (Lindner) 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 (Dooley) ¹	ALEC 611 Adv Methods in Distance Ed ¹	ALEC 611 Adv Methods in Distance Ed ¹
	ALEC 615 Philosophy of AGED (Rayfield)	ALEC 615 Philosophy of AGED	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 (Odom)	ALEC 616 Facilitation of Leadership Programs	ALEC 616 Facilitation of Leadership Programs
	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) ¹	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) ¹	ALEC 623 Survey of Evaluation Strategies for Agriculture (Murphrey) ¹	ALEC 623 Survey of Evaluation Strategies for Agriculture ¹	ALEC 623 Survey of Evaluation Strategies for Agriculture
	ALEC 624 Developing Funded Research Projects (Pina)	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 630 Guidance & Counseling for Rural Youth (Harlin) ¹	ALEC 631 Development and Planning of Community Education Programs	ALEC 631 Development and Planning of Community Education Programs	ALEC 631 Development and Planning of Community Education Programs	ALEC 631 Development and Planning of Community Education Programs
	ALEC 631 Development and Planning of Community Education Programs (Cummings)	ALEC 640 Methods of Technological Change (Murphrey) ¹	ALEC 640 Methods of Technological Change (Murphrey) ¹	ALEC 640 Methods of Technological Change ¹	ALEC 640 Methods of Technological Change ¹
	ALEC 640 Methods of Technological Change (Murphrey) ¹	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 644 The Agricultural Advisor in Developing Nations	ALEC 644 The Agricultural Advisor in Developing Nations
	ALEC 640 Methods of Technological Change (Harlin)	ALEC 681 Seminar	ALEC 681 Seminar (Murphrey) ¹	ALEC 681 Seminar	ALEC 681 Seminar
	ALEC 644 The Agricultural Advisor in Developing Nations (Pina)	ALEC 690 Theory of AGED Research-Basic Quant (Briers)	ALEC 690 Theory of AGED Research-Basic Quant (Briers)	ALEC 690 Theory of AGED Research-Basic Quant	ALEC 690 Theory of AGED Research-Basic Quant
	ALEC 681 Seminar (Harlin)	ALEC 695 Frontiers in Research	ALEC 695 Frontiers in Research (Strong) ³	ALEC 695 Frontiers in Research	ALEC 695 Frontiers in Research
	ALEC 681 Seminar (Murphrey) ¹	ALEC 695 Frontiers in Research (Strong) ¹		ALEC 695 Frontiers in Research ¹	ALEC 695 Frontiers in Research ¹
	ALEC 695 Frontiers of Research (Rayfield)				
	ALEC 695 Frontiers of Research (Strong) ^{1,3}				

	2015-16	2016-17	2017-18	2018-19	2019-20
SPRING REGULAR SEMESTER	ALEC 601 Adv Methods in AGED (Murphy) ¹	ALEC 601 Adv Methods in AGED (Murphy) ¹	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	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	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) ^{1,3}	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) ³	ALEC 609 Learning Organizations (Moore)	ALEC 607 Youth Leadership Programs ¹	ALEC 608 Leadership of Volunteers	ALEC 607 Youth Leadership Programs ¹
	ALEC 607 Youth Leadership Programs	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	ALEC 612 Adv Instructional Design for Online Learning (Murphrey) ¹	ALEC 609 Learning Organizations	ALEC 610 Principles of Adult Education	ALEC 609 Learning Organizations
	ALEC 609 Learning Organizations (Moore)	ALEC 613 Techniques in eLearning Dev & Delivery (Strong) ¹	ALEC 610 Principles of Adult Education	ALEC 612 Adv Instructional Design for Online Learning ¹	ALEC 610 Principles of Adult Education
	ALEC 610 Principles of Adult Education (Lindner)	ALEC 617 Leadership in Organizational Culture & Ethics (Williams)	ALEC 612 Adv Instructional Design for Online Learning ¹	ALEC 613 Techniques in eLearning Dev & Delivery ¹	ALEC 612 Adv Instructional Design for Online Learning ¹
	ALEC 612 Adv Instructional Design for Online Learning (Murphrey) ¹	ALEC 620 Instrumentation & Survey Research Methods (Lindner)	ALEC 613 Techniques in eLearning Dev & Delivery ¹	ALEC 620 Instrumentation & Survey Research Methods (Lindner)	ALEC 613 Techniques in eLearning Dev & Delivery ¹
	ALEC 613 Techniques in eLearning Dev & Delivery (Strong) ¹	ALEC 622 Data Collection, Analysis, & Interpretation (Briers)	ALEC 622 Data Collection, Analysis, & Interpretation	ALEC 622 Data Collection, Analysis, & Interpretation	ALEC 622 Data Collection, Analysis, & Interpretation
	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 ¹	ALEC 624 Developing Funded Research Projects-Masters only (Pina)
	ALEC 622 Data Collection, Analysis, & Interpretation (Briers)	ALEC 630 Guidance & Counseling for Rural Youth – Not offered	ALEC 625 Program Evaluation & Organizational Accountability ¹	ALEC 625 Program Evaluation & Organizational Accountability	ALEC 625 Program Evaluation & Organizational Accountability ¹
	ALEC 625 Program Evaluation & Organizational Accountability (Cummings)	ALEC 640 Methods of Technological Change (Murphrey) ¹	ALEC 625 Program Evaluation & Organizational Accountability	ALEC 630 Guidance & Counseling for Rural Youth	ALEC 625 Program Evaluation & Organizational Accountability
	ALEC 625 Program Evaluation & Organizational Accountability (Elbert) ¹	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 630 Guidance & Counseling for Rural Youth	ALEC 640 Methods of Technological Change ¹	ALEC 630 Guidance & Counseling for Rural Youth
	ALEC 630 Guidance & Counseling for Rural Youth	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 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)
	ALEC 640 Methods of Technological Change (Murphrey) ¹	ALEC 681 Seminar (Wingenbach)	ALEC 646 Institutions Serving AG in Developing Nations	ALEC 646 Institutions Serving AG in Developing Nations	ALEC 646 Institutions Serving AG in Developing Nations
	ALEC 645 Initiating, Managing & Monitoring Projects of International ADEV (Pina)	ALEC 681 Seminar (Murphrey) ¹	ALEC 652 Images of Agriculture: Visual Communication Research	ALEC 681 Seminar	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 695 Frontiers of Research	ALEC 681 Seminar
	ALEC 681 Seminar	ALEC 696 Qualitative Research Methods (Dooley) ¹	ALEC 681 Seminar ³	ALEC 696 Qualitative Research Methods ¹	ALEC 681 Seminar ³
	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) ¹		ALEC 696 Qualitative Research Methods ¹		ALEC 696 Qualitative Research Methods ¹
	ALEC 696 Qualitative Research Methods (Lindner)				

	2015-16	2016-17	2017-18	2018-19	2019-20
Spring Winter Mini-mester	ALEC 640 Methods of Technological Change ⁵ – Costa Rica	ALEC 640 Methods of Technological Change ⁵ – Costa Rica			
SSI / Summer Mini-mester	Proposed ALEC 603 Experiential Learning (Rayfield) ⁴ ALEC 617 Leadership in Organizational Culture & Ethics (Williams) ¹ ALEC 625 Program Evaluation & Organizational Accountability ALEC 681 Seminar (Murphrey) ¹	Proposed ALEC 603 Experiential Learning (Rayfield) ⁴ ALEC 617 Leadership in Organizational Culture & Ethics (Williams) ¹ ALEC 681 Seminar (Murphrey) ¹	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 625 Program Evaluation & Organizational Accountability ¹ ALEC 681 Seminar (Murphrey) ¹	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 681 Seminar (Murphrey) ¹	ALEC 603 Experiential Learning ALEC 617 Leadership in Organizational Culture & Ethics ALEC 625 Program Evaluation & Organizational Accountability ¹ ALEC 681 Seminar (Murphrey) ¹
SS II	ALEC 604 Writing for Prof. Publication (Rutherford) ⁵ – 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.

M. Ed. or M. Ag. (3 Hours of Tools)	M. S. (6 Hours of Tools)	Ed. D. (12 Hours of Tools)	Ph. D. (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