

Graduate Council
September 19, 2012
5:15 p.m., 3150 Beardshear Hall

Minutes

Arora, Rajeev	P		Dickson, James	P		Smarandescu, Laura	Ab
Beetham, Jeff	Ab		Gentile, Doug	P		Somani, Arun	Ab
Bunzel, Helle	Ab		Katz, April	P		Van Leeuwen, Hans	P
Chen, Tsing-Chang (Mike)	P		Moore, Ken	Ab		Yilmaz, Seda	P
Dayal, Vinay	P		Munkvold, Gary	P		Zarecor, Kimberly	P
Gwyn Beattie	P	Faculty Senate	Anderson, April	P		Holger, Dave	P
Tim Brenea	Ab	Post-doc	De Leon, J. Elseo	P		Graves, Bill	P
Rakhshandeh, Annoosh	Ab	Post-doc	Harischandra, Delshan	Ab		Ogilvie, Craig	P
			Prisacari, Anna (Brian Tlach)	Sub		Strand, Judy	P

P = Present

Previous Minutes—Minutes from April 19, 2012, were approved.

Chair of Council – Vinay Dayal

From the Graduate College---

David Holger –

Dr. Holger reviewed the goals for Graduate Education presented by new ISU President Leath. President Leath would like to see graduate enrollment grow by 2,000 students or 40%. This also means increased degrees awarded. Investments will be made in assistantships and interdepartmental research support. Excellence committees will be formed for Ph.D. programs and post doc appointments. Dave Holger and Ruth MacDonald will be co-chairs and invite faculty, students, and staff from constituted groups that will cover representation from all colleges and yet be manageable in size. The Graduate Council will be involved in recommendations from the committee for policy changes. The President and Provost will push to get things done in a timely manner.

New programs may be encouraged through initiatives which provide funds: partnerships, research, Ph.D. enrollment. If money is available, programs that have large numbers of degrees awarded may have an advantage.

Bill Graves-

The work of the Graduate Council is very important regarding daily policy decisions that need to be made in the Graduate College. It helps to take into consideration the spirit of the conversations in the Graduate Council meetings while making decisions.

Business – Vinay Dayal

Dayal reviewed the Graduate Council Bylaws for attendance and voting. If a member misses two consecutive meetings, their position may be declared vacant. Only elected faculty members can vote on matters regarding policy.

A list of Graduate College committees was circulated and members were asked to sign up for a committee of their choice.

Sub-Committee Reports

- a. State of Graduate Education at ISU. Members: Craig Ogilvie – ex officio. There will be future discussions about continuing this committee in the 2012-2013 year. Graduate Council members will need to volunteer.
- b. Distance Education. Members: Ken Moore – chair, Gary Munkvold, April Anderson, non- council members Jean Anderson, others to be determined. The subcommittee will continue to address concerns about distance education.
- c. Graduate Faculty appointments advisory committee. A committee was utilized over the summer to provide feedback for questions regarding Graduate Faculty appointments. As needed, volunteers may be asked for during the year to provide input in the decision making process.
- d. Part-time students. A new committee to address the concerns of part-time students, residency requirements, and overage courses was formed. The focus of the committee will be on doctoral programs. Members: Kimberly Zarecor, April Anderson, Hans Van Leeuwen.
- e. Requests for new subcommittees will be considered as requests come forward

New Business

Residency Requirement

The Graduate College currently has a residency requirement that Ph.D. students have to take 24 credits within a 12-month period to include summer, fall, spring or fall, spring, summer. Other universities have similar policies. A discussion took place about the pros and cons of this policy. It presents problems for students who are working full time. It may have been from a different age before the implementation of distance programs. Some distance doctoral programs may not be Ph.D. programs and be better suited to online or distance participation. A residency requirement may be a way of forcing students to interact with other students, staff, and faculty members. More assistantships for first year students would facilitate more students on campus. The residency structure might not suit all types of degrees for working professionals. Increasing enrollment may mean increasing flexibility. Is the residency requirement needed for all programs? Rogers stated that there are several dozen requests per year to waive the residency requirement and is common to certain disciplines. The topics of overage courses, residency, and part time students seem at times to be interrelated. A subcommittee to discuss some of these issues was formed. See Sub-Committee, part d., above.

Meeting was adjourned.

Next Meeting will be October 17, 2012, 5:15 – 6:30 p.m., 3150 Beardshear Hall

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Rakhshandeh, Annoosh	P	Post-doc	Harischandra, Delshan	P	GPSS	Ogilvie, Craig	A
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						Rogers, Stacey	P

P = Present

Previous Minutes—Minutes from September 19, 2012, were approved.

Chair of Council – Vinay Dayal

From the Graduate College---

David Holger –

Dr. Holger brought up a discussion regarding the policy or lack-of-policy for night/week-end exams for graduate courses. There is a specific policy for undergraduate courses that is generally followed by all graduate courses that states that the exam schedule for night/week-end exams is set in the schedule of classes by the first part of the semester so students have an opportunity to plan for it. Course scheduling received a late request to schedule a graduate exam. Discussion took place regarding the pros and cons of having a specific policy. Dr. Holger concluded that as long as the students were all notified and there could be accommodations for anyone not being able to attend, that he would approve the late scheduling of an exam.

Bill Graves-

Dr. Graves mentioned requests for waivers due to student receiving misinformation or a delay in processing forms at the department level. The requests asked that the students not be penalized due to administrative errors. A discussion regarding the role of faculty and staff members took place. Dr. Graves will continue to review waivers on a case-by-case basis.

Business – Vinay Dayal

A list of Graduate College committees was re-circulated and for those members who may have not been able to sign up previously.

Sub-Committee Reports

- a. State of Graduate Education at ISU. No report.
- b. Distance Education. Members: Ken Moore – chair, Gary Munkvold, April Anderson, non- council members Jean Anderson, others to be determined. The

subcommittee will continue to collect information and address concerns about distance education.

- c. Part-time students. Van Leeuwen distributed a list of discussion items put together by the committee (list attached). Discussion took place regarding “Research Only” degrees and the role of the Graduate Council in promoting or dispersing information regarding research degrees. The sub-committee will continue to gather information. Members: Kimberly Zarecor, April Anderson, Hans Van Leeuwen.

New Business

Recommendations from GCCC

- a. Youth Specialization in the Master of Family and Consumer Sciences GPIDEA program.
- b. Certificate Program - Youth Development Specialist
- c. Certificate Program - Youth Program Management Evaluation
- d. Dual listings for CRP 460X/560X

A motion was made and seconded to approve all the recommendations from the GCCC. All members present were in favor. None opposed. The motion passed.

Meeting was adjourned.

Next Meeting will be November 15, 2012, 5:15 – 6:30 p.m., 3150 Beardshear Hall

Iowa State University Graduate Council

Subcommittee on non-traditional PhD programs

1. Part-time PhD

Need of working students.

Benefits of gaining working experience

Employer inputs

2. Distance education

Student needs

Expanding our programs

Useful research facilities in employment

3. Research only PhD

Many researchers without PhD

Peer reviewed publications measure of accomplishment

Coursework really necessary?

Could expand ISU horizons in research and draw in accomplished researchers

Different designation? Dr. of Science/Educ/Engineering/Humanities?

Graduate Council
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						Rogers, Stacey	P

P = Present

Previous Minutes—Minutes from October 17, 2012, were approved.

Chair of Council – Vinay Dayal

From the Graduate College---

David Holger –

Update from the institutional excellence subcommittee on graduate education and post docs. The subcommittee has had two meetings and is moving forward to suggest potential policy enhancements that are likely to be addressed by the Graduate Council. One post doc and one PH.D. student are on the subcommittee. Degrees awarded are an important measure of success along with increased enrollment.

Leave policies for graduate students. Holger distributed a proposal from the GPSS for leave policies for graduate students and post docs. It outlines procedures if there is a disagreement between a major professor and a student. Students want an explicit set of instructions of what they can do as a pathway to resolution. A discussion took place about what procedures were already in place, if this would change them, and if this was really needed. Questions were asked about where the new information would appear and how it would be enforced. It would be included specifically under the leave section.

A motion to accept the first paragraph was made and approved. All were in favor, none opposed. A motion to approve the second paragraph with two friendly amendments was made and approved. 11 were in favor, 2 were opposed. Motion passed.

Graduate Council Visitor

Travis Sapp, Department of Finance, presented information regarding the proposal for a Master of Finance degree. The degree program is using many existing graduate classes and current faculty members, with the future addition of one new faculty member and a few graduate classes to develop a quality degree program. The program will pay for itself and there is an established need for the degree program in the Midwest. There is a estimated cohort of 15 students per year, with a steady stream of 30 in the program at a time. It will not take away from other programs.

New Business- Vinay Dayal

Post Docs should be eligible for Term Membership on the Graduate Faculty. They have terminal degrees in their disciplines and they are fully involved in research. Proposal source: Cliff Bergman, DOGE, Dept. of Mathematics. A discussion took place regarding the main focus of post docs, length of appointment, and current policies for serving on graduate committees. Post docs are currently not restricted from serving on POS committees, but their positions are not specifically listed in the Graduate College Handbook under Term Faculty Member policies. Pros and cons of Post Docs serving on graduate committees were discussed. A motion was made and approved to table the discussion to the next meeting. All in favor, none opposed. More information will be presented at the January meeting.

Sub-Committee Reports

- a. Distance Education. Members: Ken Moore – chair, Gary Munkvold, April Anderson, non- council members Jean Anderson, others to be determined. The subcommittee will continue to collect information and address concerns about distance education.
- b. Part-time students. Van Leeuwen distributed a report of recommendations put together by the committee (list attached). Discussion took place on research only degrees, doctorates and professional doctorates, and procedural items. The Graduate Council can decide on residency requirements, but new programs have to go all the way to the Board of Regents. Different expectations for Ph.D.'s would need broader input from the Graduate Faculty through open forums, etc. More discussion will take place at the next meeting. Members: Kimberly Zarecor, April Anderson, Hans Van Leeuwen.

New Business

Recommendations from GCCC

- a. Proposal for a Master of Finance
- b. Graduate Certificate Program – Developmental and Family Sciences Advanced Research Design and Methods
- c. Graduate Certificate Program – Family Well-Being in Diverse Society
- d. Dual listings for CRP 479X/579X

A motion was made and seconded to approve all the recommendations from the GCCC. All members present were in favor. None opposed. The motion passed.

Meeting was adjourned.

Next Meeting will be January 17, 2013, 5:15 – 6:30 p.m., 3150 Beardshear Hall

GPSS Proposed Leave Language Modifications

October 22, 2012

Current statement (in the Graduate College Handbook, Chapter 3, Section Assistantships, Benefits)

Leave

Arrangements for a leave of absence are made between the graduate assistant and that assistant's supervisor. When a graduate student employee needs to be absent either for personal reasons or illness, the supervisor should be understanding and accommodating to that need. At the same time, the graduate assistants should attempt to plan personal leave so that it does not interfere with or cause neglect of the duties associated with his or her appointment. Supervisors of graduate assistants are responsible for ensuring that their assistants do not exceed reasonable limits for leave.

Proposed amendments (proposed modifications in bold)

Arrangement for a leave of absence are made between the graduate assistant and that assistant's supervisor **adhering to all grant and other funding source restrictions**. When a graduate student employee needs to be absent either for personal reasons or illness, the supervisor should be understanding and accommodating to that need. At the same time, the graduate assistants should attempt to plan personal leave so that it does not interfere with or cause neglect of the duties associated with his or her appointment. Supervisors of graduate assistants are responsible for ensuring that their assistants do not exceed reasonable limits for leave.

(paragraph two added)

When a conflict arises between the graduate assistant and that assistant's supervisor regarding leave of absence use, either party may involve the appropriate Director of Graduate Education (DOGE). ~~If conflict is not timely resolved~~ **If the conflict is not resolved in a timely manner**, any of the parties may involve the Dean of the Graduate College for a binding resolution. When resolving conflicts, the concerned party must present all evidence in writing (email is acceptable) and all parties involved must receive a copy. In order to accommodate schedules, allow a minimum of 5 business days for document review and resolution meeting to be scheduled between the two parties ~~shortly thereafter~~ **within two weeks**. Resolutions achieved between the DOGE and parties need to be in writing (email is acceptable) and must be sent to all parties including the Dean of the Graduate College

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Note: Friendly amendments that were approved by the Graduate Council are shown in paragraph two.

Iowa State University Graduate Council Subcommittee on non-traditional PhD programs

Recommendations to Council

The subcommittee, consisting of Faculty Council members Kimberly Zarecor, April Anderson and J. (Hans) van Leeuwen have studied and considered the various new opportunities and challenges faced by (potential) graduate students. These opportunities and challenges have come about as a consequence of rapidly improving communication technology along with the desire and need for more flexible approaches to graduate studies, particularly at PhD level. Outdated rules and long established attitudes fly in the face of changing the paradigm on what may need to be future programs of study. Serious criticisms towards the PhD have been voiced recently in prestigious journals. ("Fix the PhD". *Nature* 472 (7343): 259–260. 2011. Taylor, M. (2011). "Reform the PhD system or close it down". *Nature* 472 (7343): 261). However, the model we currently have has been proven to work well so far, so the committee recommends only considering adding some options as outlined below.

The proposal has three parts, i.e. part-time PhD, distance PhD and research only doctorates. All the measures proposed should, by preference, only be applied without interfering with the current offerings to on-campus students. The traditional model, with on-campus courses and research under supervision of a PoS committee, headed by a major professor, will remain the mainstay, but serious consideration should be given to add rules or even new degree programs based on what is outlined below.

1. Part-time PhD

Needs of working students Many students, weary of growing study debts, opt to work while studying. Class meeting times, aimed at full-time students are most often not friendly towards the schedules of the working student. More evening or weekend classes may have to be introduced to suit all participants.

Benefits of gaining working experience Relevant experience is a great boon to any worker. Research and related coursework also becomes easier with insights gained during employment. Even non-relevant experience is beneficial as it builds out maturity and greater responsibility and teaches time management skills.

Employer inputs The ideal situation would be to have employers being sympathetic to the needs of the working students or the studying employer. The university can be a catalyst in making employers aware that there are also benefits to their organization as the student employee gains better insights through study and grows in maturity. In some cases, employers may be able to allow a shift in responsibility to allow their employees greater freedom in working hours. Furthermore, where possible, work responsibility may be able to be shifted towards being supportive of research efforts. Useful research facilities in employment may also be a great benefit in better interaction between the university and employers.

2. Distance education PhDs

Needs of working students Class meeting times, aimed at full-time students are most often not friendly towards the schedules of the working student as we have observed above. On-line classes would be a good substitute for attending classes. This is also the only viable option for students working in other cities.

Expanding our programs Allowing more flexibility towards doing a larger part of the study away from campus is essential for the success of growing our graduate programs. The concept of expecting certain on-campus periods may need to be revisited and relaxed. Allowing research to be conducted in employer-based facilities would be another important consideration.

3. Research only doctorates

Many excellent researchers in the US are without a PhD and unwilling to leave their job for a few years to go back to university to obtain a PhD. Most universities in other countries have long been awarding doctorates based on research only. The US, with a heavy emphasis on coursework, has stood in the way of researchers employed in private enterprise or federal research organizations to gain doctorates for their work, while in other countries this is a normal, and indeed, highly desirable career path.

Coursework necessary? We really need to ask ourselves: Is coursework really necessary in a PhD program? Or could we award doctorates with a different designation such as Dr. of Science/Educ/ Engineering/Humanities for research only? (See appendix)

Many programs at ISU already make a number of draft publications an important part of the dissertation. Would peer reviewed publications not be an even better measure of accomplishment, already examined externally?

Publication based doctorates The role of the university for a doctorate to be awarded based on peer reviewed publications as the main measurable contribution of the candidate may need some rules, to avoid relegating the role of the university to just a board of examiners, e.g.

- a) Expect that a professor to at least be a research collaborator AND/OR
- b) Require that the candidate has a master's degree from ISU, so that the publications are proof of candidate's subsequent progress.

Role of the Graduate Council

ISU could certainly expand horizons in research and draw in accomplished researchers by being more flexible in its offerings of doctorates and mode of offerings. It may not be the role of the Graduate Council to lay down rules in this regard, but it should at least advise on the matter and send out a clear message that departments and programs should reconsider their responsibilities and offerings to adapt to a changing world and to ensure that ISU retains and gains leadership in research and graduate offerings.

Recommendations

Waive residency and 24 cr rules in deserving cases with relevant employment.

Coursework changes – any coursework required or partial or all coursework?

Allow part-time and distance education to meet coursework requirements.

Allow programs to change rules and programs, of course, subject to approval of the Faculty Senate, and possible also the Board of Regents.

Add new doctoral programs or alter existing ones to permit research only

The Faculty Council should get the process going by formally announcing suggestions for change.

Benefits to ISU

The proposed adaptations could help bring quite some prestige to the university while growing the doctoral programs. Departments and programs need to consider various approaches to expand doctoral offerings to meet demand.

Appendix

RESEARCH DOCTORATE DEGREE TITLES

NOTE: This is the list of frequently awarded research doctorate degree titles accepted by the National Science Foundation (NSF) as representing degrees equivalent in content and level to the Doctor of Philosophy (PhD) degree.

Doctor of Arts (D.A.)
Doctor of Business Administration (D.B.A.)
Doctor of Church Music (D.C.M.)
Doctor of Canon Law (J.C.D./D.C.L.)
Doctor of Design (D.Des.)
Doctor of Education (Ed.D.)
Doctor of Engineering (D.Eng./D.E.Sc./D.E.S.)
Doctor of Fine Arts (D.F.A.)
Doctor of Hebrew Letters (D.H.L.)
Doctor of Industrial Technology (D.I.T.)
Doctor of Juridical Science (J.S.D./S.J.D.)
Doctor of Music (D.M.)
Doctor of Musical/Music Arts (D.M.A.)
Doctor of Music Education (D.M.E.)
Doctor of Modern Languages (D.M.L.)
Doctor of Nursing Science (D.N.Sc.)
Doctor of Philosophy (Ph.D.)
Doctor of Public Administration (D.P.A.)
Doctor of Physical Education (D.P.E.)
Doctor of Public Health (D.P.H.)
Doctor of Sacred Theology (S.T.D.)
Doctor of Science (D.Sc./Sc.D.)
Doctor of Social Work (D.S.W.)
Doctor of Theology (Th.D.)

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January 17, 2013
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Minutes

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						Rogers, Stacey	

P = Present

The January Graduate Council meeting was cancelled.

Recommendations from the GCCC were circulated by e-mail for approval. The following items were approved by an e-mail vote of 11 approved, 0 against.

- a. Proposal for Concurrent BSE/MBA with the Dept. of ABE and Bus Admin
- b. Proposal for concurrent BS/MBA with Animal Science
- c. Proposal for concurrent BS/MBA with Food Science
- d. Proposal for a name change of the A E Graduate Program to Agricultural and Biosystems Engineering to match undergraduate major and department name.
- e. Proposal for Concurrent BSE/MS Agricultural Engineering

Next Meeting will be February 21, 2013, 5:15 – 6:30 p.m., 3150 Beardshear Hall

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February 21, 2013`
5:15 p.m., 3150 Beardshear Hall

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Arora, Rajeev	P		Dickson, James	P		Smarandescu, Laura	P
Beetham, Jeff	P		Gentile, Doug	A		Somani, Arun	P
Bunzel, Helle	P		Katz, April	P		Van Leeuwen, Hans	P
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						Rogers, Stacey	P

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Chair of Council – Vinay Dayal

Previous Minutes—Minutes from November 2012 and January 2013 were approved.

From the Graduate College---

David Holger, Dean and Associate Provost

Update from the institutional excellence subcommittee on graduate education and post docs.

President Leath has requested that the subcommittee make priority recommendations in March for things that will have an impact for 2014. Holger has requested input from DOGES and asked the Graduate Council to send him e-mails with any input they may have. One of the items will be funding for a Post doc/Graduate student office in the Graduate College. Other requests will be coming.

Online Committee and POS forms. The Graduate College has been working with Boeing to accelerate the paperless process. Professionals from Boeing presented an introduction to the production improvement process in February and will be conducting a two-day workshop in March. The goals are to increase capacity, reduce time, and improve the processes without increasing costs or decreasing staff.

William Graves, Associate Dean

With the movement to online forms, the Graduate College has been looking at the role of retired faculty members and non-voting members to serve on POS Committees because there are only limited ways of reaching these people electronically. There is no limit as to how many years retired faculty members can serve on committees. A suggestion was made to list them, but not require signatures. Currently, retired faculty members can serve as co-major professors on committees but not as sole major professor.

Recommendations from GCCC

- a. Proposal for dual listing Com S 412/512 for 2014-15 catalog. A motion was made and seconded. All in favor. None opposed. Approved. 11-0. Motion passed.

Business- Vinay Dayal

1. Draft: Interdepartmental Majors and Home Departments (Bill Graves)

This is a draft for an addition to the Graduate College Handbook. Input has been solicited from interdepartmental programs and participating departments. The goal is to clarify the terms of relationship between interdepartmental majors and home departments. Discussion took place about the option of negotiation between the student and department chair. Would it be a realistic situation? A motion was made and seconded to remove the sentence about negotiation. All in favor, none opposed. 11-0. A motion was made and seconded to approve the draft with the last sentence adjusted. All in favor, none opposed. 11-0. Motion passed.

2. Proposal: Graduate College Handbook for Graduate Faculty Term Membership.

Proposal to add Post Doctoral Research Associates or Collaborator's at ISU. Enhance experience of post docs when looking for faculty job

a. Proposer: Cliff Bergman, DOGE, Dept. of Mathematics.

Discuss too place about what problem this would solve. Full faculty members may be a more powerful reference for the student. Post docs can now be granted term membership through a process of granting them rank only appointment or as a non-voting faculty member. It may be beneficial for M.S. students, but there is a concern about the relationship of the post doc to their employing faculty member and dependence upon post docs as committee members. The proposal was not brought up for approval. It is recommended that it be re-submitted with a statement of the problem with the current system.

Sub-Committee Reports

- a. Distance Education. Members: Ken Moore – chair, Gary Munkvold, April Anderson, non- council members Jean Anderson, others to be determined. The subcommittee has submitted a report to be discussed at the March meeting.
- b. Part-time students. Van Leeuwen distributed a report of recommendations put together by the committee (list attached) to address more flexible options for distance and part-time graduate students. A discussion took place about the definition of residency and how it applies to graduate students. The wording in the handbook will need to be looked at and possibly changed. Items 3, 4, 5, and 6 are already happening or there is already a mechanism so they can be removed. Changing student needs will need more discussion. Revisions will be submitted for future discussion.

Meeting was adjourned.

Next Meeting will be March 28, 2013, 5:15 – 6:30 p.m., 3150 Beardshear Hall

Interdepartmental Majors and Home Departments .(Revised,,approved.version)

Interdepartmental graduate majors and academic departments are in synergistic relationships. The majors gain from these relationships by placing their students in physical settings in which scholarship can thrive. Departments gain talented students who enrich the academic unit in various ways.

- Interdepartmental students contribute to the academic culture of their home departments by being highly qualified, prepared, and motivated to focus on a research subject through a broad lens.
- Interdepartmental students who enroll in courses in their home department bolster the student credit hours of the department.
- Many interdepartmental students co-major in departmental programs to enhance their credential base. In this manner, interdepartmental programs act as a recruiting channel for departmental majors.
- Interdepartmental students frequently have unique experience and training that enhance their effectiveness as teaching assistants for a home department's courses.
- Tuition revenue from interdepartmental students flows to the home department of the student.

Clear terms of relationships between interdepartmental majors and home departments will prevent misunderstandings that might harm students and ultimately restrict the university's research mission.

Admission

Interdepartmental majors review applicants for admission to those majors based on university-wide and program standards. Cooperating departments do not influence the decision of whether to admit applicants to interdepartmental majors, but the departments do have the choice of whether to serve as the academic home for admissible applicants to interdepartmental majors. A department may elect not to serve as the academic home for reasons such as resource limitations, but declining home-department status should not be based on prioritizing students based on major or admission standards. By affiliating with an interdepartmental major, the department agrees to defer to the major for decisions on admissibility. Interdepartmental majors may need to decline admission to a well-qualified applicant who seeks to work with a specific faculty member if that professor's department will not serve as the student's home. The choice of a major professor by students who rotate among labs immediately after admission may be based, at least in part, on which potential major professors are able to offer the student a home department.

Home-department Status

Students admitted to an interdepartmental major may begin their programs with confirmed major professors. In such cases, the department of the professor has agreed to be the home department for the new student. For faculty members with joint appointments among departments whose students pay different tuition rates, the faculty

member's primary department must be that faculty members students' home department. Some students begin a graduate program in an interdepartmental major without a major professor. For example, it is common, for new students to have rotation experiences with multiple faculty members before settling on a major professor and permanent home department. In this case, the DOGE of the interdepartmental major may provide a home as the student completes rotations, or each faculty member hosting a rotation may provide a temporary home for the student. During this interim period, tuition is assessed based on the sole or primary department of the interdepartmental DOGE, and the college of the interdepartmental DOGE awards tuition scholarships to qualified students. The eventual choice of a major professor for students who begin a graduate program without one may be based in part on which professors can provide a home department. If a student selects a major professor who holds joint appointments among departments, and if different rates of tuition are charged to students in those departments, the home department must be the primary department of the professor. Students who enter an interdepartmental program without a major professor must seek approval to designate a home department by initiating the form titled Request to Establish a Home Department for Students Admitted to Interdepartmental Majors, which is available on the Graduate College web site. If a student changes major professors, or a major professor notifies a student that s/he will no longer serve, the interdepartmental major should notify the home department so that the department may determine whether to terminate home-department status. The Graduate College must be informed of such actions.

Provisions for Students

Home departments agree to provide space, facilities, and equipment to students in interdepartmental majors in a manner consistent with what is provided to other graduate students in the department. Typically, desk space is provided, and access to copy machines, common office supplies, and shared departmental equipment is offered. Depending on departmental policy, computers, printers, and other personal equipment may also be provided. Although what is provided to interdepartmental students may vary among departments, provisions within departments should not differ based on the major a student is pursuing unless specific funds have been donated for students in certain majors. It can be acceptable for a home department not to provide space and other support to all or some (e.g., those not on an assistantship or fellowship) students if that is the department's policy regardless of a student's major. Academic colleges of major professors award tuition scholarships for graduate students in interdepartmental majors.

Requirements of Students

After admission and establishment in a home department, an interdepartmental student is required to meet the academic requirements of his or her major, not those of his or her home department unless those additional requirements are associated with a co-major program of study. Home departments may not impose requirements for coursework, seminars, teaching, internships, etc. beyond those of the major. Any department not wishing to abide by this policy may withdraw its affiliation with an interdepartmental major or may deny requests to serve as the home department for a student in an interdepartmental major. With encouragement from major professors, interdepartmental

students should strive to become integrated in the culture of their home department and to build collegial relationships with others from within and outside of their major.

Graduate Council
March 28, 2013
5:15 p.m., 3150 Beardshear Hall

Minutes

Arora, Rajeev	P		Dickson, James	P		Smarandescu, Laura	A
Beetham, Jeff	P		Gentile, Doug	P		Somani, Arun	A
Bunzel, Helle	P		Katz, April	P		Van Leeuwen, Hans	P
Chen, Tsing-Chang (Mike)	A		Moore, Ken	P		Yilmaz, Seda	P
Dayal, Vinay	P		Munkvold, Gary	P		Zarecor, Kimberly	A
Gwyn Beattie	P	Faculty Senate	Anderson, April	Sub	GPSS	Holger, Dave	P
Tim Brenea	P	Post-doc	De Leon, J. Elseo	P	GPSS	Graves, Bill	P
Rakhshandeh, Annoosh	A	Post-doc	Harischandra, Delshan	A	GPSS	Ogilvie, Craig	P
			Prisacari, Anna (Brian Tlach)	P	GPSS	Strand, Judy	P
						Rogers, Stacey	P

P = Present

Chair of Council – Vinay Dayal

Previous Minutes—Minutes from February 2013 were approved.

From the Graduate College---

David Holger, Dean and Associate Provost

The Graduate College is working collaboratively with Boeing to improve processes and go paperless for the Program of Study Committee form and the Program of Study form. Approximately 30 faculty, staff, and students are involved in a two day workshop to discuss the current and future processes.

Next week is Graduate Student and Professional Student Week. Holger encouraged everyone to acknowledge their graduate students.

Business Items

1. Recommendations from the Graduate Council Catalog and Curriculum Committee
 - a. Proposal for name change of PH.D Specialization from "Management Information Technology" to "Information Systems."
 - b. Proposal for name change of Ph.D. specialization from "Customer Relationship Management" to "Marketing"
 - c. Proposal for Graduate Certificate in Lifespan Development
 - d. Proposal for Graduate Certificate in Infant and Early Childhood Mental Health
 - e. Proposal for dual listing of LA 458X and LA 558X

A motion was made and seconded to accept all the recommendations. All in favor, none opposed. Motion passes. 11-0.

2. Proposal from School of Education to revise the residency requirements for students in the Education Major. Ann Foegen present information for Larry Ebberts. Foegen said the proposal was coming forward from the School of Education because it was difficult for many of their students to meet the residency requirements because they work fulltime.

Iowa State University Graduate Council
Subcommittee on non-traditional, part-time PhD programs

Recommendations to Council

Subcommittee:

Faculty Council members Kimberly Zarecor, April Anderson and J. (Hans) van Leeuwen

The subcommittee studied and considered the various new opportunities and challenges faced by (potential) part-time graduate students, which have come about as a consequence of rapidly improving communication technology along with the desire and need for more flexible approaches to graduate studies, particularly at PhD level. Current university rules and attitudes toward PhD programs do not take into account these changing paradigms about doctoral level study. Serious criticisms about the traditional PhD model have been voiced recently in prestigious journals. ("Fix the PhD". *Nature* 472 (7343): 259-260, 2011; Taylor, M. (2011) "Reform the PhD system or close it down" *Nature* 472 (7343): 261).

The subcommittee proposes that more flexible approaches to distance education and off-campus study are essential for the successful growth of our graduate programs. For example, the requirement of lengthy on-campus residency periods may need to be revisited and relaxed. Allowing research to be conducted in employer-based facilities would be another important consideration.

The committee recommends considering some changes as outlined below. This takes the form of a number of proposals to be voted on as below, some of which may overlap, but are offered as alternatives. All proposals are intended to be adopted at the departmental level on a voluntary basis. The sub-committee asks that regulations make this possible, not that it is mandated across campus for all programs.

Part-time graduate studies

1. Considering the needs of part-time graduate students, the restrictions on residency should be relaxed
2. Considering the needs of part-time graduate students, the restrictions on residency should be abandoned
3. Allow traditional courses to be substituted by equivalents offered by distance
4. Allow research projects away from campus, at suitable facilities, to be used to satisfy the needs for the research component in graduate programs
5. Allow qualified employers or senior colleagues as committee members
6. Allow qualified employers or senior colleagues as co-major professors

Research-only doctorates

Many excellent researchers in the US are without a PhD and unwilling to leave their job for a few years to go back to university to obtain a PhD. Most universities in other countries have long been awarding doctorates based on research only.

The heavy emphasis on coursework in the US university system has stood in the way of researchers employed in private enterprise or at federal research organizations to earn doctorates for their work. In other countries, this is a typical and often highly desirable career path. To address such options, the sub-committee recommends a vote on some parallel or alternative options to work towards reducing coursework requirements in the PhD programs on campus that desire this option. Perhaps coursework is not always essential to a PhD program. One option might be research-only doctorates with a different designation such as Dr. of Science/Education/Engineering/Design/Humanities (see appendix).

7. Reduce the required course content in doctoral programs
8. Allow some programs to offer doctorates based on research only
9. Research-only doctorates should have a different designation from PhD

Publication-based doctorates

Many programs at ISU already require a number of draft publications as part of the dissertation. The subcommittee suggests that peer-reviewed publications may be another measure of accomplishment, since they have already been examined externally. Restrictions or conditions for a publication-based doctorate may be required to avoid relegating the university to the role of a board of examiners.

10. Allow doctorates based on peer-reviewed publications
11. Allow doctorates based on peer-reviewed publications subject to certain restrictions or conditions
 - a) Expect that a professor to at least be a research collaborator or credible co-author
 - b) Require that the candidate has a master's degree from ISU, so that there is a record of coursework and the publications are proof of the candidate's subsequent progress.

Role of the Graduate Council

ISU could expand horizons in research and attract accomplished researchers with more flexible offerings in doctoral programs. It may not be the role of the Graduate Council to lay down rules in this regard, but the subcommittee feels that the council should at least provide some leadership in this area and send clear messages to departments and programs about the possibilities of adapting their programs to these new demands.

Benefits to ISU

The proposed changes could bring prestige to the university while also growing doctoral programs. These are approaches to meet demand and best utilize our resources.

Appendix

RESEARCH DOCTORATE DEGREE TITLES

NOTE: This is the list of frequently awarded research doctorate degree titles accepted by the National Science Foundation (NSF) as representing degrees equivalent in content and level to the Doctor of Philosophy (PhD) degree.

- Doctor of Arts (D.A.)
- Doctor of Business Administration (D.S.A.)
- Doctor of Church Music (D.C.M.)
- Doctor of Canon Law (J.C.D/D.C.L.)
- Doctor of Design (D.Des.)
- Doctor of Education (Ed.D.)
- Doctor of Engineering(D.Eng/D.E.Sc/D.E.S.)
- Doctor of Fine Arts (D.F.A.)
- Doctor of Hebrew Letters (D.H.L.)
- Doctor of Industrial Technology (D.I.T.)
- Doctor of Juridical Science (J.S.D./S.J.D.)
- Doctor of Music (D.M.)
- Doctor of Musical/Music Arts (D.M.A.)
- Doctor of Music Education (D.M.E.)
- Doctor of Modern Languages (D.M.L.)
- Doctor of Nursing Science (D.N.Sc.)
- Doctor of Philosophy (Ph.D.)
- Doctor of Public Administration (D.P.A.)
- Doctor of Physical Education (D.P.E.)
- Doctor of Public Health (D.P.H.)
- Doctor of Sacred Theology (S.T.D.)
- Doctor of Science (D.Sc/Sc.D.)
- Doctor of Social Work (D.S.W.)
- Doctor of Theology (Th.D.)

Education often requests waivers for residency and it was suggested they request a waiver for the program rather than individual waivers. The proposal was tabled until after the sub committee discussions because there were very similar items proposed.

3. Sub-Committee Proposals - Distance Education and Part Time Students. Members: Ken Moore – chair, Gary Munkvold, April Anderson, non- council members Jean Anderson, others to be determined. The subcommittee has submitted a report with proposals to be discussed.

- a. **English Placement Test.** A survey was sent to distance programs and the issues indicated that the English Placement Test was a problem because the students are not on campus and do not have access to the test. Some of the programs are computer based relationships and they don't feel the English Placement Test is necessary. The students still have to take the TOEFL test. A proposal was made to waive English Placement Tests for distance students. The Graduate Council requested a list of all the programs that are available only at a distance. The GC also suggested subcommittee members talk to experts on campus regarding the English Placement Test and what TOEFL score would be appropriate to be exempt from the English Placement Test.
- b. **Over age course limits.** Graves presented information regarding frequent requests to accept over age courses for POS forms. Currently, 5 years is the over age limit for master's students and 7 years is the over age limit for Ph.D. students. Discussion took place. If 7 years is current for a Ph.D. student, why wouldn't it be for a master's student? The POS Committee does not HAVE TO accept everything under 7 years. There are many more part time students than there used to be. It is reasonable set the time frame as the same for both programs. A motion was made and seconded that the course age limitation for all graduate students be 7 years. All in favor. None opposed. Motion passes. 11-0.
- c. **Residency Requirement Proposal:** "No campus residency requirement exists for the master's degree, but campus residency is **desirable** for the Ph.D. degree. Of the 72 graduate credits required for a Ph.D., at least 36 credits, including all dissertation research credits, must be earned from Iowa State University under the supervision of the student's POS committee. Programs may establish their own residency requirements." (p. 41 Graduate College Handbook). A motion was made and seconded to accept the proposal as written above. All in favor, none opposed. Motion passes. 11-0.

Meeting was adjourned.

Next Meeting will be Fall Semester 2013, 5:15 – 6:30 p.m., 3150 Beardshear Hall

Iowa State University Graduate Council

Subcommittee on non-traditional PhD programs

1. Part-time PhD

Need of working students.

Benefits of gaining working experience

Employer inputs

2. Distance education

Student needs

Expanding our programs

Useful research facilities in employment

3. Research only PhD

Many researchers without PhD

Peer reviewed publications measure of accomplishment

Coursework really necessary?

Could expand ISU horizons in research and draw in accomplished researchers

Different designation? Dr. of Science/Educ/Engineering/Humanities?

Graduate Council
April 18, 2013
5:15 p.m., 3150 Beardshear Hall

Minutes

Arora, Rajeev	A		Dickson, James	P		Smarandescu, Laura	P
Beetham, Jeff	P		Gentile, Doug	A		Somani, Arun	P
Bunzel, Helle	A		Katz, April	P		Van Leeuwen, Hans	P
Chen, Tsing-Chang (Mike)	P		Moore, Ken	P		Yilmaz, Seda	P
Dayal, Vinay	P		Munkvold, Gary	P		Zarecor, Kimberly	P
Gwyn Beattie	P	Faculty Senate	Anderson, April	Sub	GPSS	Holger, Dave	P
Tim Brenea	P	Post-doc	De Leon, J. Elseo	P	GPSS	Graves, Bill	P
Rakhshandeh, Annoosh	P	Post-doc	Harischandra, Delshan	A	GPSS	Ogilvie, Craig	P
			Prisacari, Anna (Brian Tlach)	P	GPSS	Strand, Judy	A
						Rogers, Stacey	P

P = Present

Chair of Council – Vinay Dayal

Previous Minutes—Minutes from March 2013 were approved.

From the Graduate College---

David Holger, Dean and Associate Provost

Holger presented information regarding a degree audit process for master's non-thesis (possibly) and coursework only (certainly). There may be some policy changes necessary and he would like the Graduate College to review it and provide input.

The Graduate Handbook needs a systematic review and suggested a possible sub-committee for next year to address this task.

Holger would the Graduate Council to look at time to degree for graduate students and review associated data to suggest ideas for improved completion rates.

Business Items

1. Tom Brumm/Ted Heindel gave a brief summary of the proposals for Master of Engineering Energy Systems Engineering and the Graduate Certificate Proposal in Energy Systems Engineering.
2. Anna Prisacari, GPSS President Elect and Brian, GPSS Vice-President Elect presented information for service leadership opportunities as a requirement for all graduate and professional students. A discussion followed. Concerns were brought up about making it a requirement; would it be a program requirement or a Graduate College requirement; how will it be enforced, etc. The Council suggested that they discuss the topic with the GPSS for feedback and return to Graduate Council for further discussion.
3. Recommendations from the Graduate Council Catalog and Curriculum Committee
 - a. Proposal for Master of Engineering in Energy Systems Engineering
 - b. Proposal for Graduate Certificate in Energy Systems Engineering

- c. Proposal for concurrent HM/MS degree program
- d. Proposal for concurrent AMD/MS degree program

A motion was made and seconded to accept above recommendations. All in favor, none opposed.
Motion passes. 12-0.

- 4. Gary Munkvold was elected as Chair of the Graduate Council for 2013-14. He will replace outgoing Chair, Vinay Dayal.
- 5. Classes for non-major graduate credit. Graves proposed a limit of seven non major graduate credits to be used on a POS. This would allow a 4 credit stat 401 class and one other three credit class to be used. A discussion followed. Programs are finding a way circumvent the non-major graduate credits by having the students enroll in 590 independent study courses. Due to time limits, the GC tabled the proposal to next year to have time to get faculty input.
- 6. **Sub-Committee Proposals - Distance Education and Part Time Students.** Members: Ken Moore – chair, Gary Munkvold, April Anderson, non- council members Jean Anderson, others to be determined. The subcommittee has submitted a report with proposals to be discussed.
 - a. **POS Committee Structure.** Currently each graduate student working towards earning an M.S. degree requires the appointment of three faculty members. This is problematic for programs that serve a large number of students due to the small ratio of available faculty to the number of students the program is serving. It is the position of the subcommittee that for an M.S. degree program based on coursework only or a creative component that a single faculty advisor is sufficient.
 - i. **Recommendation:** That the number of faculty required for a POS involving a creative component in lieu of a thesis be reduced from three to a minimum of one for non-thesis Masters' degrees. Individual programs should consider whether the minimum number of committee members should be increased for the benefit of the students. It will be monitored at the program level. If the DOGE signs the committee form, the Graduate College will not question it.

A motion was made and seconded to accept the recommendation as written above.
All in favor, none opposed. Motion passes. 12-0.

Meeting was adjourned.

Next Meeting will be Fall Semester 2013, 5:15 – 6:30 p.m., 3150 Beardshear Hall