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CURRICULUM SUBCOMMITTEE MINUTES
6 December 2012

A meeting of the Curriculum Subcommittee of the Educational Policies Committee was held on 6 December 2012 at 2 p.m. in Old Main 136 (Champ Hall Conference Room).

Present: Larry Smith, Chair (representing Ed Reeve)
 Janet Anderson, College of Agriculture (representing Ed Reeve)
 Darrin Brooks, Caine College of the Arts
 Frank Caliendo, Huntsman School of Business
 Scott Hunsaker, Emma Eccles Jones College of Education and
 Human Services
 Dean Adams, College of Engineering
 Eddy Berry, College of Humanities and Social Sciences
 (representing Patricia Gantt)
 Nancy Mesner, College of Natural Resources
 Richard Mueller, College of Science
 Travis Peterson, Regional Campuses and Distance Education
 Wendy Holliday, Libraries
 Shelley Lindauer, Graduate Council
 Norm Jones, General Education Subcommittee Chair
 Roland Squire, Registrar's Office
 Cathy Gerber, Registrar's Office

Absent: Jordan Hunt, ASUSU Academic Senate President
 Michelle Fleck, USU-Eastern
 Zach Portman, Graduate Studies Vice President

Visitors: Steve Beck, Asst Dean, School of Graduate Studies
 Scot Allgood, Department Head, Family, Consumer and Human
 Development
 Laura Gelfand, Department Head, Art and Design
 Steve Mansfield, Art and Design

Wendy Holliday moved to approve the minutes of the 1 November 2012 meeting. Dean Adams seconded; motion approved.

AV 3120	Aviation Law Prerequisites: AV 1100, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
AV 3140	Advanced Avionics Systems and Flight Simulation Prerequisites: AV 1100, AV 2540, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
AV 3280	Advanced Turbine Engines Prerequisites: AV 1100, AV 2150, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	2 cr.
AV 3610	AeroTechnology Design I Prerequisites: AV 1100, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	1 cr.
AV 3720	CFI and CFII Ground School University Studies Designation: CI Prerequisites: AV 1100, AV 2620, AV 2660, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
AV 4200	Composite Manufacturing Processes and Repair Prerequisites: AV 1100, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
AV 4250	Internship Repeatable for credit Prerequisites: Permission of department Effective Fall 2013	1-6 cr.
AV 4280	Airline Management Prerequisites: AV 1100, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
AV 4300	Airline Marketing Prerequisites: AV 1100, grade of C- or better in MATH 1050 and Aviation Technology majors only. AV 4280 is highly recommended Effective Fall 2013	3 cr.

AV 4490	Human Factors in Aviation Safety Prerequisites: AV 1100, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
AV 4610	AeroTechnology Design II University Studies Designation: CI Prerequisites: AV 1100, AV 3610, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
AV 4620	AeroTechnology Design III University Studies Designation: CI Prerequisites: AV 1100, AV 4610, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
AV 4660	Flight Senior Project University Studies Designation: CI Prerequisites: AV 1100, AV 5400, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
AV 5400	Regional Jet Ground School I Prerequisites: AV 1100, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	4 cr.
AV 5410	Regional Jet Ground School II Prerequisites: AV 1100, AV 2550, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	4 cr.
AV 5420	Advanced Regional Jet Simulation Prerequisites: AV 1100, AV 5410, grade of C- or better in MATH 1050 and Aviation Technology majors only Effective Fall 2013	3 cr.
Delete Course		
AV 6200	Composite Manufacturing Processes and Repair Effective Spring 2013	3 cr.

Darrin Brooks moved to approve the business of the Caine College of the Arts. Nancy Mesner seconded; motion approved.

Caine College of the Arts

Department of Art and Design

Add University Studies Request

ARTH 3850	Film Studies	3 cr.
	University Studies Designation: CI/DHA	
	Effective Spring 2013	

Department of Theatre Arts

Credit Hour Change

THEA 6010	Introduction to Graduate Study in Theatre	1 cr.
	Previously 3 cr.	
	Effective Fall 2013	

THEA 6970	Thesis	1-3 cr.
	Previously 1-4 cr.	
	Repeatable for credit	
	Pass/Fail only	
	Effective Fall 2013	

Course Description Change

THEA 6920	Graduate Projects in Theatre	2-3 cr.
	Repeatable for credit	
	Effective Fall 2013	

Course Number Change

THEA 6930	Theatre Production Portfolio	3 cr.
	Previously THEA 6180	
	Effective Fall 2013	

Frank Caliendo moved to approve the business of the Jon M. Huntsman School of Business. Darrin Brooks seconded; motion approved.

Jon M. Huntsman School of Business

Department of Management

Prerequisite Change

MGT 6685	Strategic Human Capital Management	2 cr.
	No prerequisites needed	
	Effective Spring 2013	

Scott Hunsaker moved to approve the business of the Emma Eccles Jones College of Education and Human Services. Darrin Brooks seconded; motion approved.

Emma Eccles Jones College of Education and Human Services

School of Teacher Education and Leadership

New Course

ELED 3200	Practicum in RTI: Tier 2 Instruction Prerequisite: ELED 3100 (may be taken concurrently) Effective Spring 2013	3 cr.
TEAL 7321	Foundations of Language and Literacy Effective Spring 2013	3 cr.
TEAL 7322	Research in Literacy Effective Spring 2013	3 cr.

Department of Family, Consumer, and Human Development

Credit Hour Change, Prerequisite Change, Course Description Change

FCHD 4900	Pre-Practicum Skills Previously 3 cr. Prerequisites: FCHD majors only, junior standing, FCHD 2660, and fulfillment of Communications Literacy CL2 requirement University Studies Designation: CI Effective Fall 2013	1 cr.
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Department of Psychology

Course Number Change, Credit Hour Change, Course Description Change

PSY 3010	Psychological Statistics Previously PSY 2800, 3 cr. University Studies Designation: QI Effective Fall 2013	4 cr.
PSY 6240	Comprehensive School Counseling Programs Previously Introduction to School Counseling and Guidance Effective Summer 2013	3 cr.
PSY 6460	Ethical, Legal and Professional Issues in School Counseling Previously Professional Issues in School Counseling and School Psychology Effective Summer 2013	3 cr.

Department of Special Education and Rehabilitation

Course Number Change

SPED 5110	Social and Psychological Implications of Visual Impairments Previously SPED 6110 Effective Fall 2013	2 cr.
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SPED 5120	Ocular Disorders and Examination Techniques of Low Vision Previously SPED 6120 Effective Fall 2013	4 cr.
SPED 5130	Literary Braille Codes and Technologies Previously SPED 6130 Effective Fall 2013	4 cr.
SPED 5140	Nemeth Braille Codes and Braille Technologies Previously SPED 6140 Effective Fall 2013	3 cr.
SPED 5150	Teaching Children with Dual Sensory Impairments (Deaf/Blind) Previously SPED 6150 Effective Fall 2013	3 cr.
SPED 5160	Introduction to Orientation and Mobility Previously SPED 6160 Effective Fall 2013	2 cr.
SPED 5170	Instructional Management for Students with Visual Impairments (0-21) Previously SPED 6170 Repeatable for credit Effective Fall 2013	4 cr.
SPED 5180	Field Studies in Visual Impairments Previously SPED 6180 Effective Fall 2013	1 cr.

Dean Adams moved to approve the business of the College of Engineering. Norm Jones seconded; motion approved.

College of Engineering

Prerequisite Change

ENGR 2450	Numerical Methods for Engineers Prerequisites: A structured programming experience in MATLAB, C, FORTRAN, EXCEL-VBA, or similar language; MATH 1220 and (MATH 2250 or MATH 2280). MATH 2250 or MATH 2280 may be taken concurrently. Effective Summer 2013	3 cr.
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Department of Sociology, Social Work and Sociology

New Course

ANTH 3120 African Healing Systems 3 cr.
Effective Spring 2013

SW 5901 Dimensions of Human Behavior: Person and Environment 3 cr.
Effective Spring 2013

SW 5902 Generalist Social Work Practice 3 cr.
Effective Spring 2013

SW 5903 Social Policy and Social Change 3 cr.
Effective Spring 2013

Course Description Change, Add Repeatable for Credit

ANTH 3380 Archaeology Field Trip 1-3 cr.
Repeatable for credit
Effective Summer 2013

Course Number Change, Title Change, Course Description Change

ANTH 4130 Introduction to Medical Anthropology 3 cr.
Previously ANTH 4230, Medical Anthropology: Matter, Culture,
Spirit, and Health
University Studies Designation: DSS
Effective Fall 2013

Title Change, Course Description Change

ANTH 5100/6100 Gender, Sex and Health 3 cr.
Previously Anthropology of Sex and Gender
University Studies Designation: DSS
Effective Summer 2013

Prerequisite Change

ANTH 5340/6340 Anthropology of the Desert West 3 cr.
Prerequisite for ANTH 5340: ANTH 1030 and ANTH 2330.
Effective Fall 2013

Richard Mueller moved to approve the business of the College of Science. Darrin Brooks seconded; motion approved.

College of Science

Department of Mathematics and Statistics

Title Change, Course Description Change

MATH 2020 Mathematics for Elementary School Teachers 3 cr.
Previously Introduction to Logic and Geometry
University Studies Designation: QI
Effective Fall 2013

Other Business

Shelley Lindauer moved to approve the following department requests to restructure their PhD programs. Nancy Mesner seconded; motion approved. (see below)

Plants, Soils and Climate

1. Climate Science
2. Plant Science
3. Soil Science

4. Norm Jones moved to approve the School of Applied Sciences, Technology, and Education's request to discontinue the Plan C in MS in Technology and Engineering Education (TEE). Scott Hunsaker seconded; motion approved. (see below)

5. Darrin Brooks moved to approve the Department of Art and Design requests to add an Interior Design specialization (Plan B) within the MFA degree **AND** to discontinue the MS in Human Environments. Shelley Lindauer seconded; motion approved. (see below)

6. The request from the Department of Family, Consumer and Human Development to create a new emphasis (Human Development Lifespan Emphasis) was removed from the agenda for further revision.

Meeting adjourned 2:30 p.m.

Larry Smith conducted the meeting.

Cathy Gerber recorded the minutes.

Cover/Signature Page - Abbreviated Template

Institution Submitting Request: *Utah State University*

Proposed Title: *PhD in Climate Science*

Currently Approved Title: *PhD in Climate Science*

School or Division or Location: *College of Agriculture*

Department(s) or Area(s) Location: *Department of Plants, Soils, and Climate*

Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): *1.1101*

Current Classification of Instructional Programs (CIP) Code (for existing programs): *1.1101*

Proposed Beginning Date (for new programs): *01/01/2013*

Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

R401-5			R401-6		
<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>			<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>		
Section #		Item	Section #		Item
4.1.5.2	<input type="checkbox"/>	Minor*	6.1.1	<input type="checkbox"/>	Reinstatement of Previously Suspended Program
5.1.1.1	<input type="checkbox"/>	New Emphasis on an Existing Degree*	6.1.5	<input type="checkbox"/>	Reinstatement of Previously Suspended Unit
5.1.2	<input type="checkbox"/>	Certificate of Proficiency Not Eligible for Financial Aid			
5.1.3	<input type="checkbox"/>	Out-of-Service Area Delivery of Programs			
5.1.4	<input type="checkbox"/>	Name Change of Existing Programs			
	<input type="checkbox"/>	Program Transfer			
5.1.5	<input checked="" type="checkbox"/>	Program Restructure			
	<input type="checkbox"/>	Program Consolidation			
5.1.6	<input type="checkbox"/>	Program Discontinuation			
	<input type="checkbox"/>	Program Suspension			
	<input type="checkbox"/>	Administrative Unit Creation			
5.1.7	<input type="checkbox"/>	Administrative Unit Transfer			
	<input type="checkbox"/>	Administrative Unit Consolidation			
	<input type="checkbox"/>	New Center			
5.1.8	<input type="checkbox"/>	New Institute			
	<input type="checkbox"/>	New Bureau			
5.1.9	<input type="checkbox"/>	Graduate Certificate			

*Requires "Section VI: Program Curriculum" of Abbreviated Template

Chief Academic Officer (or Designee) Signature:

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature

Date:

Printed Name:

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

Institution Submitting Proposal: *Utah State University*

College, School or Division in Which Program/Administrative Unit Will Be Located: *Agriculture*

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: *Plants, Soils, and Climate*

Program/Administrative Unit Title: *Climate Science*

Recommended Classification of Instructional Programs (CIP) Code: *01.1101*

Certificate, and/or Degree(s) to Be Awarded: *PhD in Climate Science*

Proposed Beginning Date: *January 1, 2013*

Institutional Signatures (*as appropriate*):

Teryl Roper, Department Head, PSC

Noelle Cockett, Dean, College of Agriculture

*Mark R. McLellan, Vice President for Research
and Dean of Graduate Studies*

Date:

**R401.5.1.5-Program Restructure
Utah State University
PhD in Climate Science
10/15/2012**

Section I: Request

The Department of Plants, Soils, and Climate proposes to restructure its PhD in Climate Science. Current credit hour requirements are 60 credits for students entering with a MS degree and 90 credits for those students entering without a MS degree. We propose reducing those credit requirements to 30 for students with a MS degree and 60 for students without a MS degree

Section II: Need

One of the hallmarks of the PhD in PSC, and many other programs, is flexibility in designing a program of study for students to allow focus in a particular area of expertise. Our department has one requirement for formal coursework in the PhD, which is the departmental seminar that is taken 2-3 times during the student's program. The remainder of the coursework is intended to fill gaps in the student's background and build research skillset. This is typically done through classroom instruction but also through personal study and through mentoring by the major advisor, others on the student's committee, and possibly other faculty at USU or elsewhere. But most important is the student's research work, addressing important questions for industry and science at large, and communicating that research through presentations at scientific meetings, industry group conferences, and publication. Making changes to the credit requirements for the PhD will have no impact on the academic and scientific rigor for the PhD students in Climate Science, but will reduce their burden from taking unnecessary classes even if they have shown sufficient progress in research.

We are requesting a credit reduction for students coming in with an MS and those without. Students without an MS degree typically take approximately 5 years to complete. Students who already have an MS degree typically finish more quickly, between 3-4 years. The longer period for a student without the MS reflects time spent learning the research process and more coursework that is typically needed.

There are very few climate programs in the nation that are comparable with the PSC program, other than traditional meteorology departments that usually require 60 credits (e.g., Iowa State University). Because of this and by following other PSC programs, we determined that a credit requirement of 60 credits (post B.S.) is reasonable and comparable.

Section III: Institutional Impact

This proposed change was included in our department's graduate program review 5-year goals. No change to administrative structure is expected from this restructure and we do not expect any changes in faculty or staff required.

Section IV: Finances

No additional costs are expected in this restructure. The Department of Plants, Soils, and Climate receives more applications from high quality students than we have funding to support. By reducing the credit hour requirements, we expect our program to train students with flexibility and better focus, helping them become more competitive. Moreover, this change will potentially increase the number of students as resources allow.

Cover/Signature Page - Abbreviated Template

Institution Submitting Request: *Utah State University*
 Proposed Title: *PhD in Plant Science*
 Currently Approved Title: *PhD in Plant Science*
 School or Division or Location: *College of Agriculture*
 Department(s) or Area(s) Location: *Department of Plants, Soils, and Climate*
 Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): *1.1101*
 Current Classification of Instructional Programs (CIP) Code (for existing programs): *1.1101*
 Proposed Beginning Date (for new programs): *01/01/2013*
 Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

R401-5			R401-6		
<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>			<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>		
Section #		Item	Section #		Item
4.1.5.2	<input type="checkbox"/>	Minor*	6.1.1	<input type="checkbox"/>	Reinstatement of Previously Suspended Program
5.1.1.1	<input type="checkbox"/>	New Emphasis on an Existing Degree*	6.1.5	<input type="checkbox"/>	Reinstatement of Previously Suspended Unit
5.1.2	<input type="checkbox"/>	Certificate of Proficiency Not Eligible for Financial Aid			
5.1.3	<input type="checkbox"/>	Out-of-Service Area Delivery of Programs			
5.1.4	<input type="checkbox"/>	Name Change of Existing Programs			
	<input type="checkbox"/>	Program Transfer			
5.1.5	<input checked="" type="checkbox"/>	Program Restructure			
	<input type="checkbox"/>	Program Consolidation			
5.1.6	<input type="checkbox"/>	Program Discontinuation			
	<input type="checkbox"/>	Program Suspension			
	<input type="checkbox"/>	Administrative Unit Creation			
5.1.7	<input type="checkbox"/>	Administrative Unit Transfer			
	<input type="checkbox"/>	Administrative Unit Consolidation			
	<input type="checkbox"/>	New Center			
5.1.8	<input type="checkbox"/>	New Institute			
	<input type="checkbox"/>	New Bureau			
5.1.9	<input type="checkbox"/>	Graduate Certificate			

*Requires "Section VI: Program Curriculum" of Abbreviated Template

Chief Academic Officer (or Designee) Signature:

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature

Date:

Printed Name:

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

Institution Submitting Proposal: *Utah State University*

College, School or Division in Which Program/Administrative Unit Will Be Located: *Agriculture*

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: *Plants, Soils, and Climate*

Program/Administrative Unit Title: *Plant Science*

Recommended Classification of Instructional Programs (CIP) Code: *01.1101*

Certificate, and/or Degree(s) to Be Awarded: *PhD in Plant Science*

Proposed Beginning Date: *January 1, 2013*

Institutional Signatures (*as appropriate*):

Teryl Roper, Department Head, PSC

Noelle Cockett, Dean, College of Agriculture

*Mark R. McLellan, Vice President for Research
and Dean of Graduate Studies*

Date:

**R401.5.1.5-Program Restructure
Utah State University
PhD in Plant Science
10/15/2012**

Section I: Request

The Department of Plants, Soils, and Climate proposes to restructure its PhD in Plant Science. Current credit hour requirements are 60 credits for students entering with a MS degree and 90 credits for those students entering without a MS degree. We propose reducing those credit requirements to 30 for students with a MS degree and 60 for students without a MS degree.

Section II: Need

One of the hallmarks of the PhD in the PSC Department, and many other programs, is flexibility in designing a program of study for students to allow focus in a particular area of expertise. Our department has one requirement for formal coursework in the PhD, which is the departmental seminar that is taken 2-3 times during the student's program. The remainder of the coursework is intended to fill gaps in the student's background. This is typically done through classroom instruction but also through personal study and through mentoring by the major advisor, others on the student's committee, and possibly other faculty at USU or elsewhere. But most important is the student's research work, addressing important questions for industry and science at large, and communicating that research through presentations at scientific meetings, industry group conferences, and publication. Making changes to the credit requirements for the PhD will have no impact on these most important practices. In other words, academic and scientific rigor for the PhD in Plant Science will not be impacted by reducing credits for the degree. Instead the change will enhance the competitiveness of our program to attract better and brighter graduate students.

We are requesting a credit reduction for students coming in with a MS and those without. Students without a MS degree typically take approximately 5 years to complete. Students who already have a MS degree typically finish more quickly, often between 3-4 years. The longer period for a student without the MS reflects time spent learning the research process and more coursework that is typically needed.

In an analysis of other land-grant institutions, we determined that a credit requirement of 60 credits (post B.S.) is reasonable and comparable. The range of credits required was 0 to 90 with a mean of 66 (Appendix). Two institutions (Clemson and New Mexico State University) do not have credit requirements and two institutions (Univ. of Nebraska-Lincoln and Kansas State University) require 90 credits.

Section III: Institutional Impact

We expect that reducing the required credit hours for the PhD will improve our ability to recruit high quality talent into our graduate program and keep those students. This restructure will make our program more competitive compared to other research institutions. This change was included in our department's graduate program review 5-year goals. No change to administrative structure is expected from this restructure and we do not expect any changes in faculty or staff required.

Section IV: Finances

No additional costs are expected in this restructure. The Department of Plants, Soils, and Climate receives more applications from high quality students than we have funding to support. By reducing the credit hour requirements, we expect our program to educate our students with greater flexibility and better focus, attract higher quality students by being more competitive with other institutions and potentially increase the number of students as resources allow.

Appendix

Land-grant institutions included in analysis

Institution	Min. Credits Required
University of Arizona	45
Auburn	60
Colorado State University	72
University of Idaho	78
Iowa State University	72
Kansas State University	90
University of Minnesota	30
University of Nebraska-Lincoln	90
New Mexico State University	0
North Carolina State University	72
Pennsylvania State University	55
Washington State University	72
University of Wyoming	60
Mean	66.3

Cover/Signature Page - Abbreviated Template

Institution Submitting Request: *Utah State University*
 Proposed Title: *PhD in Soil Science*
 Currently Approved Title: *PhD in Soil Science*
 School or Division or Location: *College of Agriculture*
 Department(s) or Area(s) Location: *Department of Plants, Soils, and Climate*
 Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): *1.1101*
 Current Classification of Instructional Programs (CIP) Code (for existing programs): *1.1101*
 Proposed Beginning Date (for new programs): *01/01/2013*
 Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

R401-5			R401-6		
<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>			<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>		
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5.1.1.1	<input type="checkbox"/>	New Emphasis on an Existing Degree*	6.1.5	<input type="checkbox"/>	Reinstatement of Previously Suspended Unit
5.1.2	<input type="checkbox"/>	Certificate of Proficiency Not Eligible for Financial Aid			
5.1.3	<input type="checkbox"/>	Out-of-Service Area Delivery of Programs			
5.1.4	<input type="checkbox"/>	Name Change of Existing Programs			
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	<input type="checkbox"/>	Program Suspension			
	<input type="checkbox"/>	Administrative Unit Creation			
5.1.7	<input type="checkbox"/>	Administrative Unit Transfer			
	<input type="checkbox"/>	Administrative Unit Consolidation			
	<input type="checkbox"/>	New Center			
5.1.8	<input type="checkbox"/>	New Institute			
	<input type="checkbox"/>	New Bureau			
5.1.9	<input type="checkbox"/>	Graduate Certificate			

*Requires "Section VI: Program Curriculum" of Abbreviated Template

Chief Academic Officer (or Designee) Signature:

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature

Date:

Printed Name:

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

Institution Submitting Proposal: *Utah State University*

College, School or Division in Which Program/Administrative Unit Will Be Located: *Agriculture*

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: *Plants, Soils, and Climate*

Program/Administrative Unit Title: *Soil Science*

Recommended Classification of Instructional Programs (CIP) Code: *01.1101*

Certificate, and/or Degree(s) to Be Awarded: *PhD in Soil Science*

Proposed Beginning Date: *January 1, 2013*

Institutional Signatures (*as appropriate*):

Teryl Roper, Department Head, PSC

Noelle Cockett, Dean, College of Agriculture

*Mark R. McLellan, Vice President for Research
and Dean of Graduate Studies*

Date:

**R401.5.1.5-Program Restructure
Utah State University
PhD in Soil Science
10/15/2012**

Section I: Request

The Department of Plants, Soils, and Climate proposes to restructure its PhD in Soil Science. Current credit hour requirements are 60 credits for students entering with a MS degree and 90 credits for those students entering without a MS degree. We propose reducing those credit requirements to 30 for students with a MS degree and 60 for students without a MS degree.

Section II: Need

One of the hallmarks of the PhD in the PSC Department, and many other programs, is flexibility in designing a program of study for students to allow focus in a particular area of expertise. Our department has one requirement for formal coursework in the PhD, which is the departmental seminar that is taken 2-3 times during the student's program. The remainder of the coursework is intended to fill gaps in the student's background. This is typically done through classroom instruction but also through personal study and through mentoring by the major advisor, others on the student's committee, and possibly other faculty at USU or elsewhere. But most important is the student's research work, addressing important questions for industry and science at large, and communicating that research through presentations at scientific meetings, industry group conferences, and publication. Making changes to the credit requirements for the PhD will have no impact on these most important practices. In other words, academic and scientific rigor for the PhD in Soil Science will not be impacted by reducing credits for the degree. Instead the change will enhance the competitiveness of our program to attract better and brighter graduate students.

We are requesting a credit reduction for students coming in with a MS and those without. Students without a MS degree typically take approximately 5 years to complete. Students who already have a MS degree typically finish more quickly, often between 3-4 years. The longer period for a student without the MS reflects time spent learning the research process and more coursework that is typically needed. The requested change would also be consistent with the two other PhD programs in the PSC Department.

Section III: Institutional Impact

We expect that reducing the required credit hours for the PhD will improve our ability to recruit high quality talent into our graduate program and keep those students. This restructure will make our program more competitive compared to other regional institutions. For example at Colorado State University, 62 credits are required post BS. Likewise, the University of Arizona requires 66 credits post-BS. At both the University of Wyoming and Washington State University, 72 credits are required post-BS. This proposed change was included in our department's graduate program review 5-year goals. No change to administrative structure is expected from this restructure and we do not expect any changes in faculty or staff required.

Section IV: Finances

No additional costs are expected in this restructure. The Department of Plants, Soils, and Climate receives more applications from high quality students than we have funding to support. By reducing the credit hour requirements, we expect our program to attract higher quality students by being more competitive with other institutions and potentially increase the number of students as resources allow.

Cover/Signature Page - Abbreviated Template

Institution Submitting Request: Utah State University

Proposed Title: Discontinuation of Plan C in Technology and Engineering Education (TEE)

Currently Approved Title:

School or Division or Location: School of Applied Sciences, Technology, and Education (ASTE)

Department(s) or Area(s) Location: Technology and Engineering Education

Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs):

Current Classification of Instructional Programs (CIP) Code (for existing programs): 13.1309

Proposed Beginning Date (for new programs):

Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

R401-5		R401-6	
<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>		<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>	
Section #	Item	Section #	Item
4.1.5.2	<input type="checkbox"/> Minor*	6.1.1	<input type="checkbox"/> Reinstatement of Previously Suspended Program
5.1.1.1	<input type="checkbox"/> New Emphasis on an Existing Degree*	6.1.5	<input type="checkbox"/> Reinstatement of Previously Suspended Unit
5.1.2	<input type="checkbox"/> Certificate of Proficiency Not Eligible for Financial Aid		
5.1.3	<input type="checkbox"/> Out-of-Service Area Delivery of Programs		
5.1.4	<input type="checkbox"/> Name Change of Existing Programs		
	<input type="checkbox"/> Program Transfer		
5.1.5	<input checked="" type="checkbox"/> Program Restructure		
	<input type="checkbox"/> Program Consolidation		
5.1.6	<input type="checkbox"/> Program Discontinuation		
	<input type="checkbox"/> Program Suspension		
	<input type="checkbox"/> Administrative Unit Creation		
5.1.7	<input type="checkbox"/> Administrative Unit Transfer		
	<input type="checkbox"/> Administrative Unit Consolidation		
	<input type="checkbox"/> New Center		
5.1.8	<input type="checkbox"/> New Institute		
	<input type="checkbox"/> New Bureau		
5.1.9	<input type="checkbox"/> Graduate Certificate		

*Requires "Section VI: Program Curriculum" of Abbreviated Template

Chief Academic Officer (or Designee) Signature:

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature

Date:

Printed Name: Dr. Larry Smith

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located:
School of Applied Sciences, Technology, and Education (ASTE)

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located:
Technology and Engineering Education

Program/Administrative Unit Title:

Recommended Classification of Instructional Programs (CIP) Code: 13.1309

Certificate, and/or Degree(s) to Be Awarded:

Proposed Beginning Date: August 15, 2013 (fall semester)

Institutional Signatures (*as appropriate*):

Department Chair

Dean or Division Chair

Bruce Miller

Noelle Cockett

Career and Technical Education Director

Graduate School Dean

*Mark R. McLellan, Vice President for Research
and Dean of Graduate Studies*

Council on Teacher Education

Date: October 10, 2012

Program Request - Abbreviated Template
Utah State University
School of Applied Sciences, Technology, and Education (ASTE)

Discontinuation of Plan C in Technology and Engineering Education (TEE)
(10/10/2012)

Section I: Request

The area of Technology and Engineering Education (*TEE*) in the School of Applied Sciences, Technology, and Education (ASTE) offers students the opportunity to obtain a Master's of Science (MS) degree in Technology and Engineering Education. In this program, students currently have three options to complete the degree: Plan A (30 Credits - Thesis), Plan B (33 Credits - Master's Project) or Plan C (36 Credits - Coursework Only). This request calls for discontinuing the Plan C Option.

Section II: Need

The area of *TEE* has recently moved into the School of Applied Sciences, Technology, and Education (ASTE) and has been revising and upgrading its MS graduate program. The Plan C Option does not meet the rigors of the revised MS program.

Section III: Institutional Impact

The proposed program change will have little affect on student enrollments since students will still have two other program options to choose from. The proposed change will also not affect existing administrative structures, changes in faculty and staff requirements, or to existing facilities.

Section IV: Finances

No costs or savings are anticipated to result from this change.

**Program Request – Abbreviated Template
Utah State University
Art & Design Department, Caine College of the Arts**

Request to add an Interior Design specialization to MFA degree, and discontinuation of MS in Human Environments

Section I: Request

The Utah State University Department of Art and Design seeks approval to offer an Interior Design specialization (Plan B) within the Master of Fine Arts degree beginning Fall 2013. We also wish to discontinue the Master of Science degree in Human Environments that is currently offered by the Department of Art and Design.

Section II: Need

The Department of Art and Design currently offers two graduate degrees: the Master of Fine Arts (MFA) with specializations in Ceramics, Graphic Design, Painting and Drawing, Photography, Printmaking, and Sculpture, and the Master of Science (MS) degree in Human Environments, which is in actuality a degree in Interior Design. We propose to offer the MFA degree with a specialization in Interior Design and discontinue the MS degree in Human Environments. This new degree offering will achieve a number of things: it will create greater uniformity in the graduate offerings of the Department of Art and Design, it will create a degree with a name that more appropriately reflects its content, and, most importantly, it will enable USU to offer a terminal degree for students wishing to pursue a career teaching interior design.

It is important to recognize that the MFA with a specialization in Interior Design is considered the terminal degree in the discipline. For students who wish to pursue a career teaching in higher education, the MFA is an essential qualification.

The Master of Science in Human Environments is a non-terminal, first professional degree that does not qualify graduates for teaching positions in higher education. Because of the degree's limited utility, the program has attracted relatively few graduate students and graduate classes/studios have often been under-enrolled. It is our desire to terminate the Master of Science in Human Environments degree and focus our resources and energy on the new MFA degree.

The demand for education in interior design has increased significantly over the past decade. Denise Guerin, 2010-2011 president of the Interior Design Education Council (IDEC), described this demand in a white paper entitled "Path from Practitioner to Professor," in which she wrote:

"There is a shortage of qualified interior design instructors, and in order to address and solve this problem we must first ask ourselves how we got to this point. From our perspective, there are three reasons that explain how this shortage came about:

- First, the interior design profession has grown in popularity; therefore, we are seeing more applicants for interior design programs in schools and universities.
- Second, the business world is recognizing the importance of syncing design with company goals and objectives.
- Third, as many Baby Boomers begin to retire, the number of qualified professionals, those with a master's degree, is shrinking, yet the number of programs is growing. Additionally, many institutions are shifting interior design from two-year to four-year programs, which have increased the need for teachers in both public and private institutions."

The issue was also addressed in an article titled "Sustaining Interior Design Education: The Shortage of Qualified Interior Design Educators" in the *eNewsletter of the Interior Designers of Canada*.

"Interior Design education is facing a severe shortage of qualified interior design educators. Each year, there are over 120 interior design faculty positions open across North America; most of these positions go unfilled. Reasons for this shortage include the increasing number of interior design students, the increasing number of interior design programs, the aging and retirement of current faculty, and the lack of graduate degrees among interior design practitioners, which is generally required for full-time faculty positions."

The US Department of Labor Bureau of Labor Statistics Employment projections for jobs in Interior Design shows an expected increase in employment by 2020 of more than 28,000 new job openings.

See http://www.bls.gov/emp/ep_table_102.htm. Growth in the next decade for Interior Design professionals overall is projected to be 19.3% and in Higher Education it is projected at 12.6%. (See US Dept. of Labor Bureau of Labor Statistics National Employment Matrix <http://data.bls.gov/oeplnioem>)

The majority of searches for tenure-track positions in interior design at universities indicate a preference for those who have terminal degrees in interior design. Dozens of current and former students have indicated that they would be interested in pursuing this degree at USU if it were offered. Additionally, faculty in the program have been strongly encouraged to offer the degree by professionals in the field. Surveys taken of seniors graduating in interior design from Utah State University over the last two years indicate that nearly 30% of these students would pursue an MFA with a specialization in interior design given the opportunity.

San Diego State University is the only other public institution in the western United States that offers an MFA with a specialization in interior design. Upon the degree's approval, USU will be the only institution between the Mississippi and the west coast to offer the MFA / Interior Design specialization.

Section III: Institutional Impact

Using the existing graduate resources already well established within the Department of Art and Design, the interior design program will have the personnel and facilities to offer this degree specialization with no significant impact to the institution.

The creation of the MFA specialization in Interior Design can be accomplished with no additional financial commitment by the institution. Interior Design graduate students will take graduate courses already offered by the Department of Art and Design. Only one additional studio class (ID 6730 – Advanced Interior Design Studio) will need to be offered each semester. All interior design graduate students pursuing the MFA will take this course each of the six semesters they are enrolled. This course will provide an in-depth examination of a focused interior design topic that will change each semester and repeat on a three-year rotation, enabling every ID graduate student the opportunity to cover the same material in a graduate course. Recent changes to the ID undergraduate program have been instituted so that each of the five full-time interior design faculty will be able to take turns teaching this course.

We anticipate that the MFA specialization will have a positive financial impact on the institution by increasing the number of Interior Design graduate students enrolled. Within their first year we anticipate that most of these students will be able to teach courses allowing the Department to offer more on-line and summer courses.

It is also anticipated that adding MFA students specializing in Interior Design to the long-established MFA program in the Department of Art and Design will have a positive impact on the institution by adding diverse skills and new types of experience and creativity. The new MFA specialization will enrich the interaction of graduate students specializing in a variety of art and design disciplines. We anticipate Interior Design students collaborating with art students to explore how art and space interact, and fine art students learning from interior design students about working in

three-dimensional space in creative new ways. We look forward to interior design students and graphic design students collaborating on issues such as building signage, way finding and branding.

Section IV: Finances

All classes for the proposed new degree are funded through existing resources. No budgetary impact is anticipated for any other programs or units. If the MFA with a specialization in Interior Design grows, as we anticipate it might, then there will be a need for an additional faculty member but there are no needs for the foreseeable future.

Program Requirements – Interior Design

Master of Fine Arts with a specialization in Interior Design
 Post Professional Degree
 Three-Year Program

A three-year course of study allows students with an undergraduate degree in interior design to obtain a Master of Fine Arts with a specialization in interior design. The MFA is the terminal degree. Its primary emphasis is on the creative aspects of the student's work. The MFA requires a minimum of five semesters of intensive study and 60 semester hours of credit.

Credit Hours

Students must earn 60 credits, to include:

42 credits of graduate-level studio art as determined by the student in consultation with his or her major professor, including a minimum of:

- 6 credits studio art outside of the declared emphasis area
- 3 Credits of ART 6900 Graduate Seminar: Professional Practices
- 3 Credits of ARTH 6900 Graduate Seminar: Issues in Contemporary Art
- 3 credits of Graduate Interdisciplinary Critique
- 6 credits outside the art department as specified by the supervisory committee
- 3 credits of Plan "B" Project, which concludes with an MFA plan "B" project exhibition and an oral defense. The MFA plan "B" project is a visual presentation, the equivalent of a written dissertation in other disciplines. The plan "B" project exhibition is the single most important feature of the MFA program; the culmination of at least two years, and often three or more years, of intensive study in a single discipline. In conjunction with the plan "B" project exhibition, students must submit visual documentation of the graduate project, in the form of a digital image portfolio.

Sample Program of Study

Year One				Undergrad. Credit	Grad. Credit
Fall Semester					
ART 6900	Graduate Seminar	F			3 Elective
	Elective	F		3	
ID 6730	Advanced I.D. Studio	F			6
Spring Semester					
ARTH 6900	Graduate Seminar	S			3
Art Elective	Art Elective	S			3
ID 6730	Advanced I.D. Studio	S			6

24 credits

Year Two			Undergrad. Credit	Grad. Credit
Fall Semester				
ART	Inter. Critique	F		3 Elective
	Elective	F		3
ID 6730	Advanced I.D. Studio	F		6
Spring Semester				
ID Elective	ID Elective	S		3
Art Elective	Art Elective	S		3
ID 6730	Advanced I.D. Studio	S		6
				24 credits

Year Three			Undergrad. Credit	Grad. Credit
Fall Semester				
ID 6730	Advanced I.D. Studio	F		3
ID Elective	I.D. Elective	F		3
Spring Semester				
ID Elective	I.D. Elective	S		3
ID 6970	Thesis Research	S		3
				12 credits