

<b>Fiscal Unit/Academic Org</b>	School/Educ Policy&Leadership - D1280
<b>Administering College/Academic Group</b>	Education & Human Ecology
<b>Co-administering College/Academic Group</b>	
<b>Semester Conversion Designation</b>	New Program/Plan
<b>Proposed Program/Plan Name</b>	Education Minor
<b>Type of Program/Plan</b>	Undergraduate minor
<b>Program/Plan Code Abbreviation</b>	EDUCAMN
<b>Proposed Degree Title</b>	Education Minor

## Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program				15	
Required credit hours offered by the unit	Minimum			3	
	Maximum			15	
Required credit hours offered outside of the unit	Minimum			0	
	Maximum			12	
Required prerequisite credit hours not included above	Minimum			0	
	Maximum			0	

## Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

**Program Learning Goals** •

## Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

**Is this a degree program (undergraduate, graduate, or professional) or major proposal?** No

## Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

## Pre-Major

**Does this Program have a Pre-Major?** No

**Attachments**

- EHE Dean's Approval - Semester Conv - Educational Policy Leadership - 010911.docx: College Approval Letter  
*(Letter from the College to OAA. Owner: Zircher,Andrew Paul)*
- Education Minor Attachment Revised 052311.docx: Proposal  
*(Program Proposal. Owner: Zircher,Andrew Paul)*

**Comments**

- Notes in response to Jim Fredal's email message-

PACER will not allow us to enter old program credit hour numbers into the credit hour conversion table of a proposal that is listed as new, so a table was added to the proposal document.

Removed the question marks throughout and added semester numbers.

Added note that 6 credits must be taken at 3000-level or above.

Edited semester advising sheet to reflect semester language. *(by Zircher,Andrew Paul on 05/23/2011 10:54 AM)*

- Feedback will be provided by Professor Jim Fredal (via e-mail). *(by Vankeerbergen,Bernadette Chantal on 03/02/2011 02:40 PM)*

**Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	Zircher,Andrew Paul	12/08/2010 01:32 PM	Submitted for Approval
Approved	Anderman,Eric Mitchell	12/09/2010 08:37 AM	Unit Approval
Approved	Zircher,Andrew Paul	01/24/2011 10:25 AM	College Approval
Revision Requested	Vankeerbergen,Bernadette Chantal	03/02/2011 02:40 PM	ASCCAO Approval
Submitted	Zircher,Andrew Paul	05/23/2011 10:55 AM	Submitted for Approval
Approved	Zircher,Andrew Paul	05/27/2011 02:34 PM	Unit Approval
Approved	Zircher,Andrew Paul	05/27/2011 02:35 PM	College Approval
Pending Approval	Hanlin,Deborah Kay Vankeerbergen,Bernadette Chantal Meyers,Catherine Anne Jenkins,Mary Ellen Bigler Nolen,Dawn	05/27/2011 02:35 PM	ASCCAO Approval



**Office of Academic Affairs**  
172 Arps Hall, 1945 N. High Street  
614 688-4571

**Date:** January 9, 2011

**To:** Randy Smith, Vice Provost for Academic Programs  
Elliot Slotnick, Associate Dean, Graduate School

**From:** Jackie Blount, Associate Dean, EHE Academic Affairs

**RE:** Semester Conversion Package for School of Educational Policy and Leadership

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I am pleased to present the complete package of semester conversion materials for the School of Educational Policy & Leadership. In what follows, I will outline unique college and school contexts that have shaped this package. I will include tables summarizing constituent programs/courses and describe any other pertinent considerations. Finally, you will find Dean's level approval.

### **College Contexts**

The College of Education and Human Ecology was formed in 2006 by merging two colleges (Human Ecology and Education). Curriculum across the new college, however, has remained relatively unchanged. Given this situation, we view the semester conversion process as a fresh opportunity to deepen the merger by building curricular collaborations among our units. We also wish to rethink our pre-existing programs and find ways to make them stronger, more coherent, and streamlined.

To these ends, we have asked faculty in our units to purge their curricula of little-used or less-than-relevant courses. We have challenged faculty to reach across unit lines to forge curricular collaborations by creating new degrees, interdisciplinary specializations, or co-taught courses. We are re-instituting a number of undergraduate teacher preparation programs (B.S.Ed.), each of which draws from courses in units around our college as well as across the university. We have encouraged five of our six units to address findings of the 2008 OSU Doctoral Program Assessment and Plan by strengthening their Ph.D. programs and making them more coherent. They have responded by: 1) defining their Ph.D. programs in alignment with their units -- rather than with their pre-merger college (i.e., Ph.D. in Consumer Science rather than Ph.D. in Human Ecology); and 2) creating true cores for their Ph.D. programs if they did not previously exist. Additionally, an Ed.D. degree in Educational Leadership is being proposed to address the need of school administrators to pursue advanced degrees geared for practitioners. With approval of the Ed.D. and also with recent B.O.R. approval of our other practitioner-oriented programs, an Ed.S. (Education Specialist) program in School Psychology and another in Teaching and Learning, fewer graduate students in the college will pursue Ph.D.s by default than in the past.

We believe that, taken together, these changes will greatly strengthen our programs and clarify our new college identity.

## School Notes

Educational Policy & Leadership (EPL) is one of five units in the college to change its Ph.D. program to align with school boundaries rather than those of its previous college. EPL faculty have proposed that the degree name change from “Ph.D. in Education” to “Ph.D. in Educational Policy & Leadership.” The “Education” designation no longer makes sense because the college of that name does not exist. Also, Ph.D. degrees from other units with the “Education” designation have very little in common with each other as there is no common core. However, with the proposed Ph.D. in Educational Policy & Leadership, a 6-credit hour common core will provide greatly enhanced cohesion to the degree program that will span five separate specializations.

The proposed Ed.D. in Educational Leadership degree would allow advanced educational practitioners to pursue a doctoral degree needed for career advancement, a degree imbued with grounded, practice-oriented research. They would no longer need to choose to pursue a Ph.D. degree by default, a degree intended primarily to prepare individuals for research-oriented careers.

## Summary Tables

Program	Extent of Change	Notes	Approval by EHE Curr. Committee	Approval by EHE College Council
<b>Ph.D. in Educational Policy and Leadership</b>	New	Name changed to align with unit name; and true common core added across all specializations.	Nov. 19, '10	Dec. 3, '10
<b>Ed.D. in Educational Leadership</b>	New	Originally submitted in '09 for quarters. Revised in light of Graduate School Curr. Com. recommendations and semester conversion.	Nov. 19, '10	Dec. 3, '10
<b>M.A. in Educational Policy and Leadership</b>	Converted	Straight conversion.	Nov. 19, '10	Dec. 3, '10
<b>Graduate Interdisciplinary Specialization in Quantitative Methods</b>	New	Generated from EHE Curriculum Collaboration Seed Grant, '10. Coordinates Quantitative Methods faculty in college.	Nov. 30, '10	Dec. 3, '10
<b>Graduate Minor in Teaching in Virtual Environments</b>	New	Generated from EHE Curriculum Seed Grant, '10. Coordinates Ed Tech faculty in college and OSU.	Nov. 30, '10	Dec. 3, '10
<b>Minor in Education</b>	New	New because of change from "no home unit" to EPL. Otherwise, straight conversion.	Dec. 9, '10	Jan. 7, '11

Program	Extent of Change	Notes	Approval by EHE Curr. Committee	Approval by EHE College Council
Licensure - Superintendency (non-degree)	Converted	Straight conversion. Meets state licensure requirements.	Nov. 19, '10	Dec. 3, '10
Licensure - Principalship (non-degree)	Converted	Straight conversion. Meets state licensure requirements.	Nov. 19, '10	Dec. 3, '10

Courses	Number	Extent of Change	Approval by EHE Curr. Committee	Approval by EHE College Council
New graduate courses	15	New	Nov. 19, '10	Dec. 3, '10
New undergraduate courses	3	New	Nov. 19, '10	Dec. 3, '10
<b>Total new Courses</b>	18			
Re-envisioned graduate courses	111	Re-envisioned	Nov. 19, '10	Dec. 3, '10
Re-envisioned undergraduate courses	14	Re-envisioned	Nov. 19, '10	Dec. 3, '10
<b>Total re-envisioned courses</b>	125			
Graduate courses	109	Converted	Nov. 19, '10	Dec. 3, '10
Undergraduate courses	52	Converted	Nov. 19, '10	Dec. 3, '10
<b>Total converted courses</b>	161			
<b>Total number of all courses</b>	<b>304</b>			

## Unique Considerations

Faculty in EPL currently contribute to the university's Graduate Interdisciplinary Specialization in College and University Teaching. Additionally, EPL faculty are proposing to contribute to or lead two additional collaborative programs: 1) a Graduate Interdisciplinary Specialization in Quantitative Methods, and 2) a graduate Minor in Teaching in Virtual Environments. These two proposals grew out of a college-wide initiative to encourage cross-unit curricular collaborations. The future academic home for these programs may be the Graduate School.

The Minor in Education proposal represents a straight conversion of an existing program. However, until now, this minor has not had an academic home. After discussions around the college, EPL agreed to become the academic home for this program.

### **College Approval**

I have carefully reviewed all semester conversion materials for the School of Educational Policy & Leadership, having done so conjointly with the EHE Curriculum Committee. I also have discussed these materials with Dean Achterberg. This memo signifies Dean's level approval of the entire semester conversion package for the School of Educational Policy & Leadership.

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	* C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		23-25	15.18-16.5	15	.18-1.5
Required credit hours offered by the unit	Minimum		3.96	3	.96
	Maximum	20	13.2	15	1.8
Required credit hours offered outside of the unit	Minimum	3	1.98	0	1.98
	Maximum	17	11.22	12	.08
Required prerequisite credit hours not included above	Minimum			0	
	Maximum			0	

#### Program Rationale:

The education minor is designed to provide foundational knowledge about education within the larger social context and to offer a cross-disciplinary examination of the intersections of education, culture, and society. Students choosing to minor in education may wish to explore education as a possible career choice or they may be interested in studying current issues in the field as well as learning more about schools and schooling in today's society.

The minor has been converted directly, decreasing the credit hours to the 3/2 ratio and maintaining category and number of courses required.

#### Semester Courses:

Edu PAES 2891– Seminar in Helping Relationships  
 Edu PAES 2189.01 – Field Experience: Introductory Experience in a School System  
 Edu PAES 2542 – Lifespan Motor Development  
 Edu PAES 5622 – Introduction to Software Applications for Teachers and Trainers  
 Edu PAES 5623 – Advanced Software Applications for Teachers and Trainers  
 Edu PAES 5624 – Foundations of Workforce Development and Education  
 Edu PAES 5649S – Teaching Adults in the Workplace  
 Edu PAES 5650– Intro to Exceptional Children  
 Edu PAES 5672 – Lifelong Learning in Adult Years  
 EDU PAES 5678 – The Parent-Professional Partnership  
 Edu PAES 5742 – Applied Behavior Analysis for Tchrs  
 Edu P&L 3206 – School and Society  
 Edu P&L 2309 – Psychological Perspectives on Educ  
 Edu P&L 2270 – Computers in the Classroom: An Introduction

Edu P&L 2241 – Body Mind Goes to School  
Edu P&L 4214 – Gender and Education  
Edu P&L 4215 – Sexualities and Education  
Edu P&L 5401 – Adolescent Learning and Development in School Contexts  
Edu P&L 4406 – Ethics and the Professional Context of Teaching  
Edu P&L 4410 – Philosophy of Ed  
Edu P&L 4280 – History of Modern Education  
Edu P&L 6271 – Fundamentals of Computer applications in Education and Training  
Edu T&L 2368 – Introduction to Children’s Literature  
Edu T&L 2389 - Laboratory Experiences in English Education  
Edu T&L 3160 - Elementary Education: Child Guidance  
Edu T&L 3356 - Literature for Adolescents  
Edu T&L 4731 – Work Experience in Technology  
Edu T&L 5442 - Teaching Reading Across the Curriculum  
Edu T&L 5468 - Reading Foundations  
Edu T&L 5557 - Language and Children with Disabilities  
HDFS 2400- Life Span Human Development  
HDFS 3630- Family Ethics and Policy  
HUMN NTR 3506- Nutrition Across the Life Span



**The Ohio State University**  
**College of Education**  
**Education Minor (EDUC-MN)**

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College of Education & Human Ecology, 227 Arps Hall, 1945  
North High Street, Columbus, 614-292-2332

The education minor is designed to provide foundational knowledge about education within the larger social context and to offer a cross-disciplinary examination of the intersections of education, culture, and society. Students choosing to minor in education may wish to explore education as a possible career choice or they may be interested in studying current issues in the field as well as learning more about schools and schooling in today's society.

Students intending to pursue the Master of Education (M.Ed.) teacher preparation program may use courses in the minor to fulfill prerequisites for the M.ED. The career exploration courses in the minor provide valuable field experience designed to help exploring students decide if they want to teach and, if so, at what level—early childhood, middle childhood, high school, or in interventionist specialist programs involving children with disabilities. The educational technology, adult education, business and workforce development courses in the minor provide opportunities for students to apply technology in formal and informal learning environments, and to explore education and training practices in business and industry.

The education minor requires 23-25 credit hours. All students completing the minor must take one course from at least five of the seven categories listed. Courses in the minor represent conceptual areas or themes that are important aspects of the educational process: critical issues in education, career exploration in educational settings, educational technology, education and society, teaching and learning, human development in educational settings, and literacy curriculum. Courses in the minor are offered by each of the three schools in the College of Education: Educational Policy and Leadership (Edu P&L); Education: Physical Activity and Educational Services (Edu PAES); and Education: Teaching and Learning (Edu T&L).

Students who plan to complete the minor should meet with an academic advisor in the College of Education to fill out the Minor Program Form, then submit the approved form to their college of record. Any variation in the minor requires written approval from the coordinating advisor in the College of Education. For further information about the minor program, contact the College of Education.

**Critical Issues in Education.** Students examine legal, ethical, interpersonal, and community issues that impact education.

Select from the following courses:

Edu P&L 413 – Legal Issues in Education.  
Edu P&L 414 – Gender Education  
Edu P&L 415 – Sexuality and Education  
Edu P&L 609 – Teaching as a Profession

**Career exploration in educational settings.** Students observe the role and responsibilities of teachers and other educators and then try out various teaching duties (e.g., tutoring, instructing small groups, and preparing instructional materials). Working closely with a professional teacher/educator as well as reading about current issues in education provides students the opportunity to explore teaching as a career.

Select from the following courses:

Edu PAES 271/289.01 –Intro Experience in a School  
Edu PAES 289.02 – Experience in a Community Agency  
Edu T&L 120 – Technology Edu. Practices in Schools  
Edu T&L 250 – Work Experience in Industry  
Edu T&L 589 – Lab Experiences in English Education

**Educational technology.** Students study the theories, function, impact, and use of technology in formal and informal learning and educational environments.

Select from the following courses:

Edu P&L 370 – Computers in the Classroom  
Edu P&L 671 – Computer Applications in Educ & Trng  
Edu PAES 622 – Business Technology Education I  
Edu PAES 623 – Business Technology Education II  
Edu PAES 632 – Software Applications for Business  
and Industry Teachers  
Edu T&L 220 – Design of Constructed and  
Manufactured Goods  
Edu T&L 235 – Graphic Reproduction Practices  
Edu T&L 236 – Printing and Publishing Practices

**Education and society.** Students examine the relationships between education and the social, political, philosophical, and cultural contexts of the larger society.

Select from the following courses:

Edu P&L 306 – School and Society  
Edu P&L 650.01 – Philosophy of Ed  
Edu P&L 650.02 – History of Education  
Edu P&L 650.03 – Applied Ethics for Teachers  
Edu P&L 650.04 – Social Criticism in American Educ  
Edu PAES 624 – Foundations of Workforce  
Development and Education  
Edu PAES 672 – Adult Learning in Society

**Teaching and Learning.** Students examine theories of learning, motivation, and creation of learning environments.

Select from following courses:

Edu P&L 309 – Psychological Perspectives on Educ  
Edu PAES 649 – General Methods in Adult Education  
Edu PAES650 (or 251) – Intro to Exceptional Children  
(or Intro to Exceptional Learners)  
Edu PAES 669 – Teaching Students with Disabilities in  
Inclusive Settings  
677 – Parent/Professional Partnership  
633 – Teaching and Learning with Drama

**Human development.** Students study the hereditary and environmental factors that influence individuals' physical, cognitive, affective, social, and language development.

Select from the following courses:

Edu PAES 542 – Lifespan Motor Development  
Edu PAES 742 – Applied Behavior Analysis for Tchrs  
Edu P&L 411 – Body and Mind Go to School  
Edu P&L 607 – Adolescent Learning and Development  
Edu T&L 460 – Elementary Education: Child Guidance  
Edu T&L 660 – Language Competence of Children and Youth with Disabilities

**Literacy Curricula.** Students study influences on the development of literacy curricula.

Select from the following courses:

Edu T&L 467 – Children's Literature  
Edu T&L 668 – Reading Foundations  
Edu T&L 656 – Adolescent Literature  
Edu T&L 642 – Reading Across Curriculum

### **Arts and Sciences minor program guidelines**

The following guidelines govern minors.

Required for graduation No

Credit hours required A minimum of 20 (some minors require more)

Transfer credit hours allowed A maximum of 10

Overlap with the GEC Permitted, unless specifically disallowed by an individual minor program.

Overlap with the major Not allowed and

- The minor must be in a different subject than the major.
- The same courses cannot count on the minor and on the major.

Overlap between minors Each minor completed must contain 20 unique hours.

100-level course: For every five credit hours of 100-level course work on the minor, the minimum total required for the minor is increased by five.

#### Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.

- Course work graded Pass/Non-Pass cannot count on the minor.

Approval required The minor program description sheet indicates if the minor course work must be approved by:

- The academic unit offering the minor, or
- A college/school counselor.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by:

- The academic unit offering the minor, or
- A college/school counselor (depending on the minor).

College of Arts and Sciences  
Curriculum and Assessment Services  
154 Denney Hall, 164 W. 17<sup>th</sup> Ave.  
<http://artsandsciences.osu.edu>  
KDH 9/1/09  
Update 8-19-10 DH

## The Ohio State University - College of Education and Human Ecology Education Minor (EDUC-MN) Semesters

College of Education & Human Ecology, 122 Ramseyer Hall, 29  
W. Woodruff Ave., Columbus, 614-688-4007

The education minor is designed to provide foundational knowledge about education within the larger social context and to offer a cross-disciplinary examination of the intersections of education, culture, and society. Students choosing to minor in education may wish to explore education as a possible career choice or they may be interested in studying current issues in the field as well as learning more about schools and schooling in today's society.

The education minor requires at least 15 credit hours. All students completing the minor must take one course from at least five of the seven categories listed. At least 6 credits need to be taken at the 3000-level or above.

Students who plan to complete the minor should meet with an academic advisor in the College of Education and Human Ecology to fill out the Minor Program Form, then submit the approved form to their college of record. Any variation in the minor requires written approval from the coordinating advisor in the College of Education and Human Ecology. For further information about the minor program, contact the College of Education and Human Ecology.

**Critical Issues in Education.** Students examine legal, ethical, interpersonal, and community issues that impact education.

Select from the following courses:

Edu P&L 4214 – Gender and Education  
Edu P&L 4215 – Sexualities and Education  
Edu P&L 4403 – Ethics and the Professional Context of Teaching

**Career exploration in educational settings.** Students observe the role and responsibilities of teachers and other educators and then try out various teaching duties (e.g., tutoring, instructing small groups, and preparing instructional materials). Working closely with a professional teacher/educator as well as reading about current issues in education provides students the opportunity to explore teaching as a career.

Select from the following courses:

Edu PAES 2891 –Seminar in Helping Relationships  
Edu PAES 2189.01 – Fld Exper: Intro Exper in School System  
Edu T&L 2389 – Lab Experiences in English Education  
Edu T&L 4731 – Work Experience in Technology

**Educational technology.** Students study the theories, function, impact, and use of technology in formal and informal learning and educational environments.

Select from the following courses:

Edu P&L 2270 – Computers in the Classroom: An Introduction  
Edu P&L 6271 – Fund of Computer Appl in Education & Training  
Edu PAES 5622 – Business Technology Education I  
Edu PAES 5623 – Business Technology Education II

**Education and society.** Students examine the relationships between education and the social, political, philosophical, and cultural contexts of the larger society.

Select from the following courses:

Edu P&L 3206 – School and Society  
Edu P&L 4401 – Philosophy of Ed  
Edu P&L 4280 – History of Modern Education  
Edu PAES 5624 – Foundations of Workforce  
Development and Education  
Edu PAES 5672 – Lifelong Learning in Adult Years

HDFS 3630 – Family Ethics and Policy

**Teaching and Learning.** Students examine theories of learning, motivation, and creation of learning environments.

Select from following courses:

Edu P&L 2309 – Psychological Perspectives on Educ  
Edu PAES 6649 – General Methods in Adult Education  
Edu PAES 5650 – Intro to Exceptional Children  
(or Intro to Exceptional Learners)  
EDU PAES 5678 – Parent/Professional Partnership  
Edu T&L 5101 – Teaching and Learning with Drama

**Human development.** Students study the hereditary and environmental factors that influence individuals' physical, cognitive, affective, social, and language development.

Select from the following courses:

Edu PAES 2542 – Lifespan Motor Development  
Edu PAES 5742 – Applied Behavior Analysis for Tchrs  
Edu P&L 2241 – Body Mind Goes to School  
Edu P&L 5401 – Adolescent Learning and Development in School  
Contexts  
Edu T&L 3160 – Elementary Education: Child Guidance  
Edu T&L 5557 – Language and Children with Disabilities  
HDFS 2400 – Life Span Human Development  
HUMN NTR 3506 – Nutrition Across the Life Span

**Literacy Curricula.** Students study influences on the development of literacy curricula.

Select from the following courses:

Edu T&L 2368 – Introduction to Children's Literature  
Edu T&L 5468 – Reading Foundations  
Edu T&L 3356 – Literature for Adolescents  
Edu T&L 5442 – Teaching Reading Across Curriculum

### Arts and Sciences minor program guidelines

The following guidelines govern minors.

Required for graduation No

Credit hours required A minimum of 15 (some minors require more)

Transfer credit hours allowed A maximum of 10

Overlap with the GE Permitted, unless specifically disallowed by an individual minor program.

Overlap with the major Not allowed and

- The minor must be in a different subject than the major.
  - The same courses cannot count on the minor and on the major.
- Overlap between minors Each minor completed must contain 15 unique hours.

1000-level course: For every three credit hours of 1000-level course work on the minor, the minimum total required for the minor is increased by three.

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.

Approval required The minor program description sheet indicates if the minor course work must be approved by:

- The academic unit offering the minor, or
- A college/school counselor.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by:

- The academic unit offering the minor, or
- A college/school counselor (depending on the minor).

College of Arts and Sciences  
Curriculum and Assessment Services  
154 Denney Hall, 164 W. 17<sup>th</sup> Ave.  
<http://artsandsciences.osu.edu>  
JLM 10/12/2010

### Transition Plan:

Students will work closely with advisors to determine which requirements have yet to be met. The same number of courses and category distribution will be required, so the requirements should be able to be met with little alteration to the students' programs.