

LSC Use Only Proposal No:
LSC Action-Date:

UWUCC Use Only Proposal No: 12-23e.
UWUCC Action-Date: AP-8/28/12 Senate Action Date: App-4/30/13

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person(s) Karen Scarton	Email Address k.scarton@iup.edu
Proposing Department/Unit Human Development and Environmental Studies	Phone 724-357-2395

Check all appropriate lines and complete all information. Use a separate cover sheet for each course proposal and/or program proposal.

1. Course Proposals (check all that apply)

- New Course Course Prefix Change Course Deletion
 Course Revision Course Number and/or Title Change Catalog Description Change

Current course prefix, number and full title: **INDS 319, Residential Design II**

Proposed course prefix, number and full title, if changing: **INDS 319, Kitchen & Bath Design**

2. Liberal Studies Course Designations, as appropriate

This course is also proposed as a Liberal Studies Course (please mark the appropriate categories below)

- Learning Skills Knowledge Area Global and Multicultural Awareness Writing Across the Curriculum (W Course)

Liberal Studies Elective (please mark the designation(s) that applies – must meet at least one)

- Global Citizenship Information Literacy Oral Communication
 Quantitative Reasoning Scientific Literacy Technological Literacy

3. Other Designations, as appropriate

- Honors College Course Other: (e.g. Women's Studies, Pan African)

4. Program Proposals

- Catalog Description Change Program Revision Program Title Change New Track
 New Degree Program New Minor Program Liberal Studies Requirement Changes Other

Current program name: _____

Proposed program name, if changing: _____

5. Approvals	Signature	Date
Department Curriculum Committee Chair(s)	<i>Karen M. Scarton</i>	2-23-12
Department Chairperson(s)	<i>Judith B. Brown</i>	2-23-12
College Curriculum Committee Chair	<i>Janku Wachtel</i>	4-13-12
College Dean	<i>Mary E. Smith</i>	4/12/12
Director of Liberal Studies (as needed)		
Director of Honors College (as needed)		
Provost (as needed)		
Additional signature (with title) as appropriate		
UWUCC Co-Chairs	<i>Gail Scheist</i>	4/11/12

Received

Received

APR 1 2013

APR 20 2012

Liberal Studies

Liberal Studies

1. Syllabus of Record

Description of the Curriculum Change

I. Catalog Description:

INDS 319 Kitchen and Bath Design	1 lecture hour 3 lab hours
Prerequisite: Junior Standing	3 credit hours
	(1c-3l-3cr)

Design elements are applied to kitchen and bath areas of the residence to provide design solutions supporting the needs of individuals as well as special populations and changing lifestyles. Current national standards are addressed.

II. Course Objectives:

Students will be able to:

- A. Identify basic design fundamentals and components
- B. Interpret specific design consideration including laws, building codes, ordinances, fire protection, and life safety to protect the health, safety and welfare of the public.
- C. Evaluate design components of kitchen and bath (e.g. cabinetry, countertop materials, etc.)
- D. Identify current design trends.
- E. Develop and generate multiple design solutions in applying kitchen and bath principles to solve design problems relating to special populations, universal design, spatial composition, and the relationship between human beings and the environment.
- F. Demonstrate proficiency in using kitchen and bath design software.
- G. Evaluate energy conservation resources and techniques.

III. Course Outline

1 lecture hour, 3 laboratory hours per week
56 hours total

A. Historical Perspective.....(1 lecture, 3 lab hours)

- 1. Course Introduction
- 2. Historical aspects of kitchen design
- 3. Evolution of active spaces; the work triangle

B. Materials.....(2 lecture, 6 lab hours)

- 1. Construction systems and materials
- 2. Laws, codes, standards and ordinances
- 3. Surface materials and textiles

- 4. Specifying, estimating, and installation
- C. Building Systems.....(2 lecture, 6 lab hours)
 - 1. Plumbing and water
 - 2. Climate control and ventilation
 - 3. Selection and application of lighting and electrical
- D. Room Planning Fundamentals.....(2 lecture, 6 lab hours)
 - 1. Space planning (NKBA considerations)
 - 2. Storage
 - 3. Cabinet selection, function and design
 - 4. Fixtures and appliances
 - 5. Work centers
- E. Environmental Concerns.....(1 lecture, 3 lab hours)
 - 1. Energy efficiency (e.g. appliances, fixtures, materials)
 - 2. Waste management
 - 3. Water management
 - 4. Indoor air quality
 - 5. Sustainable materials
- F. Design Trends.....(2 lecture, 6 lab hours)
 - 1. Regional
 - 2. Color, texture, scale
 - 3. Demographics
 - 4. Elderly (mature population)
 - 5. Universal Design (ADA Considerations)
 - 6. Lifestyles, room use changes
 - 7. Innovative technologies and products
 - 8. Human environment (e.g. proxemics, behavior, etc.)
- G. Professional Presentation.....(2 lecture, 6 lab hours)
 - 1. Floor plan, space planning, residential
 - 2. Industry standards/specifications (laws, codes, ordinances)
 - 3. Programming, priority checklist
 - 4. Design problem solving
 - 5. Sketching, rendering, sample boards
 - 6. Design process (e.g. schematics)
- H. Kitchen & Bath Design Computer Program.....(2 lecture, 6 lab hours)
 - 1. Kitchen & bath design software package
- I. Culminating Activity.....(2 hours)

IV. Evaluation Methods:

The final grade for the course will be determined as follows:

30%: Kitchen Project: Students will program a specific client, take individual measurements of the existing space, and re-design a kitchen using the kitchen and bath computer software. The design process will be stressed. A final presentation will be made. Results will be a complete floor plan, elevations, perspectives and lighting plans.

30%: Bathroom Project: Students will program a specific client, take individual measurements of the existing space, and re-design a bathroom using kitchen and bath computer software. The design process will be stressed. A final presentation will be made. Results will be a complete floor plan, elevations, perspectives and lighting plans.

10%: Two Quizzes: Will quiz lecture material given on proper kitchen and bathroom design practices.

30%: Class Assignments: Will consist of practicing kitchen and bath computer software, kitchen and bath design exercises, programming exercises, design process exercises (e.g. diagramming & schematics).

V. Example Grading Scale:

90% - 100%	=	A
80% - 89%	=	B
70% - 79%	=	C
60% - 69%	=	D
0% - 59%	=	F

VI. Undergraduate Course Attendance Policy

Attendance is required. To do well in this course you must be present and on time, with the required supplies. The attendance policy for this class will follow the Undergraduate Course Attendance Policy. This can be reviewed in the Undergraduate Catalog. Faculty can define a limited level of allowable absence.

VII. Required Textbooks, Supplemental Books, and Readings

A. Required textbook

Mitton, M., & Nystuen, C. (2011). *Residential interior design: A guide to planning spaces* (2nd ed.). Hoboken, NJ: John Wiley & Sons.

B. Supplemental Books and Readings

Gordon, R. P. (2011). *Residential design studio*. New York, NY: Fairchild Books.

Koontz, T., & Dagwell, C. V. (1994). *Residential kitchen design: A research based approach*. Hoboken, NJ: John Wiley & Sons.

VIII. Special Resource Requirements

- Kitchen and bath design educational software
- Trace paper
- Vellum
- Architectural scale
- Graph paper
- Tape measure
- Illustration board
- Foam core

IX. Bibliography

Baden-Powell, C. (2005). *Architect's pocket book of kitchen design*. Burlington, MA: Architectural Press.

Botti-Salitsky, R.M.(2009). *Programming and research: Skills and techniques for interior designers*. New York, NY: Fairchild Books.

Gibson, S. (2007). *Bathroom ideas that work: Creative design solutions for your home*. Newtown, CT: The Taunton Press.

Haro, F. & Fuentes, O. (2011). *Kitchens (design inside)*. Mexico, Mexico: AM Editores.

Hurt, S. L. (2012). *Codes, regulations, and standards in interior design*. Upper Saddle River, NJ: Pearson Prentice Hall.

Knott, M.F. (2011). *Kitchen and bath design: A guide to planning basics*. Hoboken, NJ: John Wiley & Sons.

Koontz, T., & Dagwell, C. V. (1993). *Residential kitchen design: A research-based approach*. Hoboken, NJ: John Wiley & Sons.

Lovett, S. M. (2006). *The smart approach to kitchen design* (3rd ed.). Creative Homeowner.

Natale, C. (2009). *Furniture design and construction for the interior designer*. New York, NY.

Fairchild Books.

Slotkis, S. J. (2006). *Foundations of interior design*. New York, NY: Fairchild Publications.

Veillette, B. (2007). *Kitchen ideas that work: Creative design solutions for your home*.

Newtown, CT: The Taunton Press.

Winship, S. M. (2007). *Sustainable design for interior environments* (2nd ed.). New York, NY:

Fairchild Books.

2. Summary of Proposed Revisions

- The course name is being changed to Kitchen & Bath Design
- “Media room areas” was deleted from the course description
- Several objectives were modified
- Design software objective no longer states a specific program of choice.

3. Justification/Rational for the Revision

- New course title better coordinates with the revised objectives of the course.
- Objectives were modified in order to better align with accreditation standards (Council for Interior Design Accreditation, CIDA).
- Anything pertaining to media room design was eliminated in order to better align with accreditation needs for interior design curriculum (not required in this program of study).
- “Chief Architect” is no longer used in kitchen and bath design. It was eliminated from the objectives and the software of choice was kept vague in order to have flexibility as industry software needs change/evolve.
- The prerequisite INDS 315 was removed because INDS 319 will now be taught to first semester juniors and INDS 315 will be taught to second semester juniors. The interior design faculty agreed that this change will greatly benefit students due to the fact that they will first learn kitchen and bathroom design (INDS 319) before designing an entire residential interior (INDS 315).

4. Old Syllabus of Record

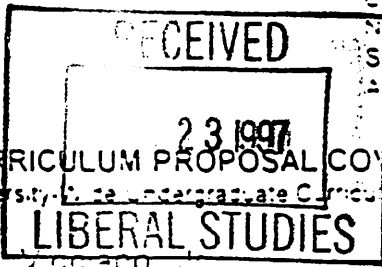
See Attached

5. Letter of Support or Acknowledgement

Not needed

LSC Use Only
Number _____
Submission Date _____
Action Date _____

CURRICULUM USE ONLY
Number 99-26c
Submission Date App. 2/17/98
Action Date Senate App. 3/3/98



CURRICULUM PROPOSAL COVER SHEET
University of the Pacific Undergraduate Curriculum Committee

CONTACT
Contact Person Frank A. Fogano Phone 357-2350/2336

Department Human Development and Environmental Studies

II. PROPOSAL TYPE (Check All Appropriate Lines)

ID 319 COURSE Res DesII:Kit,Bth,MR
Suggested 20 character title

New Course* ID 319 Residential Design II: Kitchen, Bath, & Media Room Design
Course Number and Full Title

Course Revision _____
Course Number and Full Title

Liberal Studies Approval - _____
for new or existing course Course Number and Full Title

Course Deletion _____
Course Number and Full Title

Number and/or Title Change _____
Old Number and/or Full Old Title

New Number and/or Full New Title

Course or Catalog Description Change _____
Course Number and Full Title

PROGRAM: Major Minor Track

New Program* _____
Program Name

Program Revision* _____
Program Name

Program Deletion* _____
Program Name

Title Change _____
Old Program Name

New Program Name

III. Approvals (signatures and date)

Mary C. Sumlin 4/8/96
Department Curriculum Committee

Donna Shuckman 4-8-96
Department Chair

Mie Moore Barker 3/6/97
College Curriculum Committee

Howard C. Wingard 17 Mar 97
College Dean

W. Lutz 3/19/97

+ Director of Liberal Studies (where applicable)

* Provost (where applicable)

Catalog Description

319 RESIDENTIAL DESIGN II Kitchen, Bath, and Media Room Design

(1c-3l-3sh)

Prerequisite: ID 315

Design elements are applied to kitchen, bath, and media room areas of the residence to provide design solutions supporting individual needs and changing lifestyles. The course addresses the needs of special populations. Standards from the NKBA (National Kitchen & Bath Association) and CEDIA (Custom Electronics Design & Installation Association) will be addressed.

Syllabus of Record

I. CATALOG DESCRIPTION

ID 319 Residential Design II: Kitchen, Bath, & Media Room Design

**3 credits
1 lecture hour
3 lab hours
(1c-3l-3sh)**

Prerequisite: ID 315

Design elements are applied to kitchen, bath, and media room areas of the residence to provide design solutions supporting individual needs and changing lifestyles. The course addresses the needs of special populations. Standards from the NKBA (National Kitchen & Bath Association) and CEDIA (Custom Electronics Design & Installation Association) will be addressed.

II. COURSE OBJECTIVES

Upon completion of the course, the student will be able to:

- 1) identify basic design fundamentals and components e.g. work triangle.**
- 2) interpret specific design considerations including laws, building codes, ordinances, fire protection, and life safety to protect the health, safety, and welfare of the public.**
- 3) evaluate design components of kitchen, bath and media planning (e.g. cabinetry, flooring, acoustics, etc.).**
- 4) identify current design trends.**
- 5) develop design solutions to apply kitchen, bath & media design principles to solve design theories and problems relating to special populations, special purposes, furniture, and fixture layout, spatial composition, and the relationship between human beings and the environment.**
- 6) describe installation methodologies.**
- 7) evaluate energy conservation resources techniques including recycling, water conservation and waste management.**

A. HISTORICAL PERSPECTIVES (1 lecture hour)

1. Introduction
2. History of kitchen, bath, and media room
3. Evolution of "active" spaces

B. MATERIALS (1 lecture hour, 1 lab hour)

1. Construction systems and materials
2. Laws, codes, standards and ordinances
3. Surface materials and textiles
4. Specifying, estimating, and installation

C. BUILDING SYSTEMS (2 lecture hours, 6 lab hours)

1. Plumbing and water
2. Climate control and ventilation
3. Selection and application of lighting and electricals
4. Miscellaneous (e.g. central vacuum, communication)
5. Acoustic application

D. ROOM PLANNING FUNDAMENTALS (3 lecture hours, 7 lab hours)

1. Space planning, residential
2. Storage
3. Cabinet selection, function, and design
4. Fixtures and appliances
5. Furniture selection and layout
6. Selection and application of flooring materials, wall treatments, textiles
7. Windows
8. Work centers

E. ENVIRONMENTAL CONCERNS (1 lecture hours, 2 lab hours)

1. Energy efficiency (e.g. appliances, fixtures, materials)
2. Waste management
3. Water management
4. Indoor air quality
5. Sustainable materials

F. TECHNOLOGICAL CONSIDERATIONS (2 lecture hours, 6 lab hours)

1. Residential communications
2. Media (e.g. audio, video, home automation)
3. Innovative technologies and products

G. DESIGN TRENDS (2 lecture hours, 5 lab hours)

1. Regional
2. Color, texture, scale
3. Demographics
4. Lifestyle/room use changes
5. Elderly (mature population)
6. Physically challenged (laws, codes, standards, ordinances)
7. Innovative technologies and products
8. Human environment e.g. proxemics, behavior, etc.

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H. PROFESSIONAL PRESENTATION (2 lecture hours, 14 lab hours)

1. Floor plan/space plan, residential
2. Industry standards/specifications (laws, codes, ordinances)
3. Equipment/priority checklist
4. Design problem solving
5. Sketching, rendering, sample boards
6. Logos, signage, etc.
7. Photography, videotape, multimedia, CD-ROM

Two exams will be given during lab hours. The third exam will be given during finals week.

IV. EVALUATION METHODS

The final grade for the course will be determined as follows:

40% Three tests (equally spaced throughout the semester) consisting of multiple choice, true-false, completion or essay. 100 points each.

20% Research Paper. Each student will prepare a 6-8 page paper on a topic approved by the instructor. 100 points

30% Major Project (Floor plan). Each student will design a kitchen, bath or media room utilizing approved specifications, principles and techniques. A complete floor plan, electrical plan, elevations and equipment specification lists are required as would be appropriate for presentation to client. 200 points

10% Problem Solving Exercise. Each student will be expected to apply appropriate design solutions to specific kitchen, bath, and media room design problems. 50 points @ x 3 = 150

TOTAL POSSIBLE POINTS = 750

FINAL GRADE

A= 90-100 %, B= 80-89 %, C= 70-79%, D= 60-69% F=59% or less

V. REQUIRED TEXTBOOK(S), SUPPLEMENTAL BOOKS READINGS (1)

Textbook:

Koontz, T. & Dagwell, C. (1994) Residential Kitchen Design. New York: Van Nostrand Reinhold

Bath Industry Technical Manual. (1992). New Jersey: National Kitchen & Bath Association and the University of Illinois Small Homes Council.

CEDIA Technical Manual. (1994). Indiana: Custom Electronics Design and Installation Association.

(1) Readings will be extracted from Home Theater, and Audio Video Interiors

VI. SPECIAL RESOURCE REQUIREMENTS

Each student will be expected to supply the following:

1. Faber-Castell Color Pens/Pencils (12)
2. Graph Paper, 1/4-inch
3. Residential Design Template, Picket #1151
4. Faber-Castell Eraser
5. Pentel 0.5mm Pen/Pencil

VII. BIBLIOGRAPHY

- Carstens, D. (1993). Site planning and design for the elderly. New York: Van Nostrand Reinhold.
- Fine Homebuilding Staff, (Eds.) (1990). Fine home building on: bath & kitchens. Newton, CT: Tauton.
- Grosslight., J. (1992). Lighting kitchen & bath. New York: Durwood.
- Kitchen & bath source book. (1995). New York: Macmillan.
- Kitchen & bathroom plumbing. (1995). New York: Time-Life.
- Kitchen industry technical manuals. (Vols.1-6).(1992). New Jersey: National Kitchen & Bath Association and the University of Illinois Small Homes Council-Building Research Council
- Lawrence, M. (1989). Kitchens. UK: New Holland
- Lupton, E. & Miller, J. (1992). Bathroom, the kitchen, & the aesthetics of waste. Princeton Arch.
- Pinkl, J. J. (1993). Transgenerational design. New York: Van Nostrand Reinhold.
- Raschko, B. B. (1991). Housing interiors for the disabled & elderly. New York: Van Nostrand Reinhold.
- Sutro, D. (1993). West coast wave. New York: Van Nostrand Reinhold:
- Winkler, G. (1989). The well-appointed bath: authentic plans & fixtures from the early 1900's. Preservation Press.

HISTORICAL REFERENCES (Prior to 1985)

- Ching, D.K. & Miller, D.(1983). Home renovation. New York: Van Nostrand Reinhold.
- Conran, T. (1977). The kitchen book. New York: Crown.
- Gould, M. E. (1965). The early American house: Household life in America 1620-1850. Rurland. VT: Tuttle Co.

Illinois University.(1965). Small homes council-building research council kitchen planning guide. Illinois Small Home Council, Urbana, Il.

Kira, A. (1976). The bathroom. New York: Viking.

Paradise, K. (1973). The kitchen book: How to get exactly the kitchen you want. New York P.H. Wyden.

Phipps, F.(1972). Colonial kitchen. New York: Hawthorne Books.

COURSE ANALYSIS QUESTIONNAIRE

A Details of the Course

A1 This course will be a requirement for students majoring in Interior Design. The course is not intended for inclusion in the Liberal Studies program.

A2 This course does not require changes in content of existing courses.

A3 This course has never been offered as a special topics course.

A4 This course is not intended to be dual-level.

A5 This course is not to be taken for variable credit.

A6 Similar courses are offered at these institutions: (Appendix A)

Auburn University:	CA 422 Kitchen and Bath Planning
Virginia Polytechnic Institute:	HDRM 4624Advanced Kitchen and Bath Design
East Carolina University:	AMID 3650 Kitchen and Bath Design

(Note: No other institution currently offers a course including the Media Room. The Media Room is a new market niche which we feel needs to be addressed. There are no local area institutions offering this course format. More money is being invested in home entertainment through the Home Theatre. Careers as a Home Theater Designer, Systems Integration Designer, and Audio-Video Specialist are growing quickly. This new discipline has virtually grown into an entire industry within five years. Jobs are plentiful.)

A7 The FIDER accrediting body states that students have an "understanding" (as compared to "awareness" or "competency") of most material presented in this course. (Appendix B).

B. Interdisciplinary Implications

B1 This course will be taught by one faculty member from the Human Development and Environmental Studies Department.

B2 This course does not overlap with any other course at the University.

B2 This course does not overlap with any other course at the University.

B3 One seat in each section of this course will be reserved for a student in the School of Continuing Education.

Implementation

C1 No additional faculty will be needed to teach this course.

C2 Other Resources

a. Current space allocations are adequate to offer this course.

b. No additional equipment will be necessary to teach this course.

c. Supplies will be sufficient for this course.

d. Library materials should be adequate; however, Technical Papers from the NKBA... (National Kitchen & Bath Association) should seriously be considered for inclusion in the library holdings.

e. Travel funds will not be necessary to teach this course.

C3 No resources for this course are funded by a grant.

C4 This course will be offered at least once an academic year with no seasonal restrictions.

C5 At least one section of this course will be offered each year.

C6 Eighteen (18) students will be accommodated in this course.

C7 The Foundation for Interior Design Education Research (FIDER), curriculum 1996 guidelines are attached as Appendix B to this proposal.

Auburn University**Department of Consumer Affairs****COURSE: CA 422 Kitchen and Bath Planning****DESCRIPTION: Technical and aesthetics elements of kitchen and bath design. Application of industry standards to design solutions and graphic presentations.****Virginia Polytechnic Institute & State University****Department of Housing, Interior Design and Resource Management****COURSE: HDRM 4624 Advanced Kitchen and Bath Design****DESCRIPTION: Principles of planning, design and evaluation of residential kitchen and bathrooms, in relation to the total house plan. Emphasis on planning principles and technical requirements with attention to functional use of the space to meet the needs of people.****East Carolina University****Department of Apparel, Merchandising and Interior Design****COURSE: AMID 3650 Kitchen and Bath Design****DESCRIPTION: Fundamentals of kitchen and bath design; emphasis on design detailing, economic considerations, and universal design criteria; client project required.**

APPENDIX B

Relevant FIDER Criteria Addressed in This Course
FIDER Standards and Guidelines, Professional Level Programs, FIDER Form 402R, January 1996

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2.11 Technical Knowledge

- 2.11.3 Laws, codes, standards, and ordinances, e.g. universal accessibility guidelines, life safety, fire, etc.
- 2.11.4 Specifying, estimating, and installation
- 2.11.5 Construction systems and materials
- 2.11.6 Building systems, i.e. electrical, acoustics
- 2.11.7 Building systems, i.e. HVAC, plumbing
- 2.11.8 Metric system
- 2.11.9 Environmental concerns, i.e. energy, ecology, indoor air quality, sustainable materials