

14-Apr-09

**BED 120 Hour Curriculum Architectural Studies
Directed Elective Menus**

Students must select four electives from at least three categories.

Note: students have three additional free electives that can be taken from any department on campus.

Students may propose additions to these menus.

Category I: Architectural History/Theory

| No. | Name | Hours |
|------------|--|--------------|
| ARCH 260 | Comparative Theory in the Built and Virtual Environments | 3 |
| ARCH 329 | The American House | 3 |
| ARCH 345 | History of Building Technology | 3 |
| ARCH 353 | Color Theory | 3 |
| ARCH 430 | History of Ancient Architecture | 3 |
| ARCH 434 | The Role of Sculpture and Painting in Ancient Architecture | 3 |
| ARCH 437 | Great Medieval Cathedrals | 3 |
| ARCH 440 | History of Renaissance Architecture | 3 |
| ARCH 441 | Baroque and Rococo Architecture | 3 |
| ARTS 330 | The Arts of America | 3 |
| ARTS 335 | The Art and Architecture of Rome | 3 |
| LAND 240 | History of Landscape Architecture | 3 |

Category II: Context

| No. | Name | Hours |
|------------|--|--------------|
| ARCH 310 | Site Planning and Design | 3 |
| PLAN 356 | Housing & Community | 3 |
| PLAN 365 | Intro to Planning | 3 |
| PLAN 414 | Sustainable Communities | 3 |
| PLAN 415 | Urban Issues | 3 |
| URSC 305 | Urban Analytical Methods | 3 |
| URSC 325 | Introduction to GIS in Urban and Regional Studies | 3 |
| URSC 454 | Neighborhood Revitalization | 3 |
| URSC 469 | Urban Infrastructure | 3 |
| LDEV 467 | Land Development | 3 |
| LAND 310 | Landscape Theory | 3 |
| GEOG 306 | Intro to Urban Geography | 3 |
| GEOG 311 | Cultural Geography | 3 |
| GEOG 330 | Resources and the Environment | 3 |
| GEOG 402 | Interpretation of Cultural Landscapes | 3 |
| GEOG 406 | Geographic Perspectives on Contemporary Urban Issues | 3 |

Category III: Tectonics

| No. | Name | Hours |
|----------|---|-------|
| ARCH 327 | Conceptual Structural Analysis | 3 |
| ARCH 345 | History of Building Technology | 3 |
| ARCH 421 | Energy Conservation in Residential Architecture | 3 |
| ARCH 433 | Architectural Lighting | 3 |

Category IV: Design Practice

| No. | Name | Hours |
|----------|--|-------|
| ARCH 446 | Introduction to Historic Preservation | 3 |
| ARCH 451 | Strategies in Architectural Management | 3 |
| ARCH 452 | Alternative Careers in Architecture | 3 |
| ARCH 457 | Ethics and Professional Practice | 3 |
| ARCH 463 | Elements of Interior Architecture | 3 |
| COSC 463 | Construction Law & Ethics | 3 |
| PLAN 370 | Intro to Health System Planning | 3 |

Category V: Design Communication

| No. | Name | Hours |
|----------|---|-------|
| ARCH 311 | Photography I | 3 |
| ARCH 312 | Photography II | 3 |
| ARCH 370 | Virtual Architecture | 3 |
| ARCH 372 | Creating Digital Environments | 3 |
| ARCH 374 | Multimedia Design and Development | 3 |
| ARCH 375 | Foundations of Visualization | 3 |
| ARCH 470 | Digital Rendering | 3 |
| ARCH 474 | Designing for the Web | 3 |
| ARTS 203 | Graphic Design I | 3 |
| ARTS 304 | Graphic Design II | 3 |
| ARTS 305 | Painting I | 3 |
| ARTS 308 | Sculpture | 3 |
| ARTS 312 | Drawing IV | 3 |
| LAND 461 | Geographic Information System Application | 3 |

Category VI: Architecture Innovation

| No. | Name | Hours |
|----------|---|-------|
| ENDS 101 | Design Process | 3 |
| ARCH 291 | Research (may be repeated twice for credit) | 1 - 6 |
| ARCH 491 | Advanced Architecture Innovation (may be repeated twice for credit) | 1 - 6 |
| ENDS 485 | Capstone Innovation | 1 - 6 |

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|----------|-------------------|---|
| ARCH 401 | Design Creativity | 3 |
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Category VII: Eco-Home Architecture

Note: the COSC courses have significant pre-requisites

| No. | Name | Hours |
|------------|---|--------------|
| ARCH 327 | Conceptual Structural Analysis | 3 |
| ARCH 329 | The American House | 3 |
| ARCH 334 | Environmental Systems II | 3 |
| ARCH 345 | History of Building Technology | 3 |
| ARCH 421 | Energy Conservation in Residential Architecture | 3 |
| ARCH 431 | Architectural Structures II | 3 |
| ARCH 433 | Architectural Lighting | 3 |
| ARCH 463 | Elements of Interior Architecture | 3 |
| COSC 275 | Estimating I | 3 |
| COSC 353 | Construction Project Management | 3 |
| COSC 375 | Estimating II | 3 |
| COSC 440 | Interdisciplinary Capstone | 3 |
| COSC 441 | Residential Construction | 3 |
| COSC 442 | Commercial Construction | 3 |
| LDEV 467 | Land Development | 3 |