Roadmap: Architecture - Bachelor of Science
[AE-BS-ARCH]
College of Architecture and Environmental Design
Catalog Year: 2011-2012

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

| Course Subject and Title | Credit Hours | Upper Div. | Min. Grade | Major GPA | Important Notes |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Semester One: [16-18 Credit Hours] |  |  |  |  |  |
| ARCH 10101 First-Year Design Studio I | 3 |  |  |  |  |
| ARTH 22006 Art History I: Ancient and Medieval Art | 3 |  |  |  | Fulfills Kent Core Fine Arts |
| MATH 11010 Algebra for Calculus and MATH 11022 Trigonometry or MATH 12011 Calculus with Precalculus I | 3-5 |  |  |  | MATH 11010 must be taken with MATH 11022; fulfills Kent Core Mathematics and Critical Reasoning |
| US 10097 Destination Kent: FYE | 1 |  |  |  | Not required of transfer students with 25 credits |
| Kent Core Requirement | 3 |  |  |  | See Kent Core Summary on page 2 |
| Kent Core Requirement | 3 |  |  |  | See Kent Core Summary on page 2 |
| Semester Two: [15-17 Credit Hours] |  |  |  |  |  |
| ARCH 10102 First-Year Design Studio II | 3 |  |  | $\square$ | Offered in spring only |
| ARCH 10111 History of Architecture I | 3 |  |  | $\square$ |  |
| MATH 12002 Analytic Geometry and Calculus I or MATH 12012 Calculus with Precalculus II | 3-5 |  |  |  | MATH 12002 must be taken with MATH 11022 if 11022 was not taken in previous semester; fulfills Kent Core Additional |
| Kent Core Requirement | 6 |  |  |  | See Kent Core Summary on page 2 |
| Semester Three: [16 Credit Hours] |  |  |  |  |  |
| ARCH 20101 Second-Year Design Studio I | 3 |  |  | $\square$ | Offered in fall only |
| ARCH 20112 History of Architecture II | 3 |  |  | $\square$ | Offered in fall only |
| ARCH 20601 Computer Applications in Architecture I | 2 |  |  | $\square$ | Offered in fall only |
| PHY 13001 General College Physics I | 4 |  |  |  | Fulfills Kent Core Basic Sciences; |
| PHY 13021 General College Physics Laboratory I | 1 |  |  |  | must be taken together |
| Kent Core Requirement | 3 |  |  |  | See Kent Core Summary on page 2 |
| Semester Four: [15 Credit Hours] |  |  |  |  |  |
| ARCH 20102 Second-Year Design Studio II | 3 |  |  | $\square$ | Offered in spring only |
| ARCH 20113 History of Architecture III | 3 |  |  | $\square$ | Offered in spring only |
| ARCH 20201 Beyond Western Architecture | 3 |  |  | $\square$ | Offered in spring only |
| ARCH 20301 Introduction to Building Structures | 3 |  |  | $\square$ | Offered in spring only |
| ARCH 20602 Computer Applications in Architecture II | 1 |  |  | $\square$ | Offered in spring only |
| PHY 13012 College Physics II | 2 |  |  |  | Fulfills Kent Core Basic Sciences |
| Semester Five: [15 Credit Hours] |  |  |  |  |  |
| Requirements: minimum 2.25 GPA in ARCH courses, minimum cumulative 2.50 GPA. <br> Note: no more than one deficiency in required major coursework listed in the first four semesters |  |  |  |  |  |
| ARCH 30001 Site Design | 1 | $\square$ |  | ■ | Offered in fall only; fulfills writing-intensive course requirement; see note on page 2 |
| ARCH 30101 Third-Year Design Studio I | 5 | $\square$ |  | $\square$ | Offered in fall only |
| ARCH 30301 Structural Systems I | 3 | $\square$ |  | $\square$ | Offered in fall only |
| ARCH 30401 Method and Materials I | 3 | $\square$ |  | $\square$ | Offered in fall only |
| ARCH 30501 Environmental Technology I | 3 | $\square$ |  | $\square$ | Offered in fall only |
| Semester Six: [18 Credit Hours] |  |  |  |  |  |
| ARCH 30002 Urban Design | 1 | $\square$ |  | $\square$ | Offered in spring only |
| ARCH 30102 Third-Year Design Studio II | 5 | $\square$ |  | $\square$ | Offered in spring only |
| ARCH Electives (upper-division) | 9 | $\square$ |  | $\square$ |  |
| Kent Core Requirement | 3 |  |  |  | See Kent Core Summary on page 2 |

Critical requirements are boldface in shaded areas

| Course Subject and Title | Credit Hours | Upper Div. | Min. Grade | Major GPA | Important Notes |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Semester Seven: [15 Credit Hours] |  |  |  |  |  |
| ARCH 40001 Sustainable Design I | 1 | $\square$ |  | $\square$ | Offered in fall only; fulfills writing-intensive course requirement; see note below |
| ARCH 40101 Fourth-Year Design Studio I | 5 | $\square$ |  | $\square$ | Offered in fall only |
| ARCH 40402 Methods and Materials II | 3 | $\square$ |  | $\square$ | Offered in fall only |
| ARCH 40502 Environmental Technology II | 3 | $\square$ |  | $\square$ | Offered in fall only |
| Kent Core Requirement | 3 |  |  |  | See Kent Core Summary below |
| Semester Eight: [17 Credit Hours] |  |  |  |  |  |
| ARCH 40002 Systems Design | 1 | $\square$ |  | $\square$ | Offered in spring only |
| ARCH 40102 Fourth-Year Design Studio II | 5 | $\square$ |  | $\square$ | Offered in spring only |
| ARCH 40302 Structural Systems II | 3 | - |  | $\square$ | Offered in spring only |
| Non-ARCH Electives (lower or upper division) | 8 |  |  |  | Number of credits required depends on meeting minimum 127 credit hours and minimum 39 upperdivision credit hours |

Graduation Requirements Summary

| Minimum <br> Total Hours | Minimum Upper- <br> Division Hours | Minimum <br> Kent Core Hours | Diversity Course <br> Global / Domestic | Writing-Intensive | Minimum <br> Major GPA |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 127 | 39 | 36 | Kent Core or General <br> Electives | ARCH 30001 or <br> ARCH 40001 | 2.25 | 2.00 |

## Kent Core Summary

| Kent Core Categories | Important Notes | Remaining <br> Credit <br> Hours |
| :--- | :--- | :---: |
| Composition (6-8 credit hours) <br> ENG 11011, 11002, 21011; HONR 10197, 10297 | Enrollment based on placement test | $6-8$ |
| Mathematics and Critical Reasoning (3-5 credit hours) | Fulfilled in this major with MATH 11010 or MATH 12011 | 0 |
| Humanities and Fine Arts (9 credit hours) <br> Minimum one course from humanities in Arts and Sciences <br> and minimum one course from fine arts | 3 credit hours are fulfilled in this major with ARTH 22006 | 6 |
| Social Sciences (6 credit hours) <br> Must be selected from two curricular areas | Recommended: ECON 22060; may fulfill diversity requirement | 6 |
| Basic Sciences (6-7 credit hours) <br> Must include one laboratory | Fulfilled in this major with PHY 13001, PHY 13021 and PHY 13012 | 0 |
| Additional (6 credit hours) <br> Must be selected from two Kent Core categories | 3 credits are fulfilled in the major with MATH 12002 or MATH 12012 | 3 |

Note: A minimum C grade must be earned in either ARCH 30001 or ARCH 40001 to fulfill the writing-intensive requirement.

## Kent Core

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit www.kent.edu/catalog/kent-core for course list.

## Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit www.kent.edu/catalog/diversity for course list.

Writing-Intensive Course Requirement
Students must complete a one-course writing-intensive requirement in their major and earn minimum $C(2.00)$ grade.
Visit www.kent.edu/catalog/wic for course list.
Upper-Division Requirement
Students must complete a minimum 39 upper-division (numbered 30000 to 49999 ) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.

## Foreign Language

Visit www.kent.edu/catalog/foreign-languages for course list.

