BARCH DEGREE – CODE #0135

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You're considering studying architecture? You have found the right place! The Bachelor of Architecture (BArch) program helps prepare students to be well-rounded, creative, and socially responsible architects who shape our world through the design of meaningful and inspirational spaces. The BArch is a fully accredited professional program, preparing students for employment and the opportunity to pursue licensure shortly after graduation, reducing the need for further graduate education or an advanced degree.

ADVANTAGES

- Students enrolled in the BArch program have had the opportunity to select a "cognate area of focus to allow them to develop additional expertise." A list of options is available in the department office or from an academic advisor.
- Upon successful completion of the BArch degree, graduates may begin an internship and the other professional steps leading to licensure as a registered, practicing architect. Students may participate in the Architectural Experience Program (AXP) while enrolled at Alfred State.
- The BArch program provides a career-focused, project-based education integrating theory and practice with a strong multidisciplinary foundation that draws upon an institutional heritage of building and technology.
- Alfred State offers multiple study abroad options through our signature 12-week semester study abroad program (offered in conjunction with Sant'Anna Institute in Sorrento, Italy) and other programs offered in conjunction with SUNY partners. To learn more, see www.alfredstate.edu/study-abroad.

NAAB ACCREDITATION INFORMATION

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with US regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year term, an eight-year term with conditions, or two-year term of continuing accreditation, or a three-year term of initial accreditation, depending on the extent of its conformance with established educational standards. Doctor of Architecture and Master of Architecture degree programs may require a non-accredited undergraduate degree in architecture for admission. However, the non-accredited degree is not, by itself, recognized as an accredited degree.

Alfred State Department of Architecture and Design offers the following NAAB-accredited degree program: Bachelor of Architecture (BArch) 156 Credit Hours

A detailed archive of NAAB-related accreditation documents is available on our website.

POST-GRADUATE STUDIES

BArch graduates who wish to continue academic study may choose to apply at another institution to master's or doctoral programs in architecture or related disciplines.

CAREER OPPORTUNITIES

A wide range of career opportunities are available to graduates of this accredited degree: intern architect, practicing architect (after successfully meeting state registration requirements), or practitioner in related sub-fields that include, but not limited to: sustainable architecture, urban design, interior architecture, adaptive reuse and historic preservation, building construction management, hospitality design, lighting design, acoustical design, religious building design, and others.

ENTRANCE REQUIREMENTS/RECOMMENDATIONS

Required: Algebra, Geometry, Algebra 2 , and Pre-Calculus.

Recommended: Physics is strongly recommended.

REQUIRED COURSE PREREQUISITES

If students do not place into MATH 1033 College Algebra, MATH 1084 Calculus I, MATH 1323 Quantitative Reasoning, 1034 College Algebra of Functions, 1054 Precalculus, or 2124 Statistical Methods & Analysis, then MATH 1014 Algebra Concepts is a required prerequisite for completion of the major.

If students do not place into PHYS 1024 General Physics I or PHYS 1044 College Physics I, then PHYS 1014 Introductory Physics is a required prerequisite for completion of this major.

OFFICE OF ACCESSIBILITY SERVICES

Students who believe they need a reasonable accommodation to properly participate in this program may contact Melanie Ryan in the Office of Accessibility Services. This office may be contacted by email at oas@alfredstate.edu or by phone at 607-587-4506. Please keep in mind that some accommodations may take time to implement, so students seeking accommodations are encouraged to contact OAS as early as possible.

PORTFOLIO REQUIREMENTS

All students who apply to the BArch program are required to submit a portfolio of creative work that demonstrates their interest in design and the built environment.

Through the portfolio, the department hopes to get a sense of the applicant as a creative individual. We understand that the portfolio will not demonstrate mastery of architecture, but instead present a student's potential through explorations and representation of the built environment, which may be presented as art work such as drawings, sketches, models, sculpture, or photographs. The portfolio should focus mainly on the representation of space, but may also include a small representation of creative work such as woodworking, crafts, graphic design, and/or other creative endeavors (e.g., high school, college course) or from personal pursuits (e.g., employment, hobbies). Each portfolio should be a balanced representation of both two- and three-dimensional works.

Alfred State College uses SlideRoom to collect portfolio details, which will guide all new students through the process of assembling the correct materials for the portfolio.

PORTFOLIO REQUIREMENTS FOR TRANSFER STUDENTS

All transfer students from other institutions applying to the BArch program must submit a portfolio of creative work demonstrating their interest in design and the built environment. Students applying for transfer from institutions with which Alfred State College has an existing and active articulation agreement; SUNY Delhi, Dutchess CC, Erie CC, Finger Lakes CC, Hudson Valley CC, SUNY Morrisville, Onondaga CC, and Orange County CC, should submit a design portfolio responding to the requirements above.

Applicants from institutions with which Alfred State College does not have an active articulation agreement must submit a comprehensive academic portfolio for review which will include examples of student work, course syllabi, assignments, and grade reports and will be evaluated along with the student's overall grade point average and studio course grades.

Alfred State College uses SlideRoom to collect portfolio details, which will guide all transfer students through the process of assembling the correct materials for the portfolio.

EMPLOYMENT STATISTICS

Employment and continuing education rate of 100 percent – 100 percent are employed.

TYPICAL PROGRAM

In the first and second years, a typical day consists of two one-hour lectures and a two-hour studio. At the third-year, fourth-year, and fifth-year levels, the studio meeting times are three hours. Students can expect to spend additional time working on projects and course work outside of studio.

GENERAL NOTES:

Students must complete at least one course from seven of the 10 SUNY General Education knowledge areas.

All students who transfer in courses from another institution must undergo an academic portfolio review before placement in any studio course.

A minimum grade of "C" is required in the following courses to continue from one studio course to the next and to meet graduation requirements: ARCH 1184, ARCH 2394, ARCH 3014, ARCH 4104, ARCH 5306, ARCH 6306, ARCH 7306, ARCH 8306, ARCH 8716, and ARCH 8776.

Entry level of student into math and composition/literature sequences is a function of student's high school preparation and mathematics and English placement examinations.

Math through Technical Calculus I must be completed. Students who start at a higher level of math must meet all SUNY general education and campus liberal arts and sciences course credit requirements for graduation.

GRADUATION REQUIREMENTS

A student must successfully complete all courses in the prescribed program and earn a minimum cumulative index of 2.0.

REQUIRED EQUIPMENT

All students in both the architecture and interior design programs are required to purchase a computer in addition to other equipment. Typically, the costs of these purchases can be covered using financial aid. Please consult a financial aid counselor for further details. A tier 3 laptop computer is required, and a tier 4 laptop computer is recommended, for students entering this degree program. Laptop specifications are available at www.alfredstate.edu/required-laptops.

ARCHITECTURE - BARCH DEGREE
TYPICAL TEN-SEMESTER PROGRAM

First

ARCH	1184	Design Fundamentals 1	4
FNAT	2333	Survey of Design	3
FNAT	1303	Architectural History I	3
GLST	2113	Global & Diverse Perspectives	3
MATH	1054	Precalculus	4
			17

Second

ARCH	2394	Design Fundamentals 2	4
ARCH	2014	Computer Visualization	4
MATH	1063	Technical Calculus I	3
COMP	1503	Writing Studies	3
PHYS	1024	General Physics I	4
			18

Third

ARCH	3104	Design Studio 1	4
ARCH	3014	Construction Technology 1	4
ARCH	3003	Environmental Controls 1	3
XXXX	xxx3	Gen. Ed. Elective	3
SOCI	1163	General Sociology	3
			17

Fourth

ARCH	4304	Design Studio 2	4
ARCH	4014	Construction Technology 2	4
ARCH	4013	Municipal Codes & Regulations	3
CIVL	4103	Structures I	3
SPCH	1083	Public Speaking OR	3
SPCH	xxx3	Effective Speaking Equivalent	3
			17

Fifth

ARCH	5306	Design Studio 3	6
FNAT	5303	Architectural History II	3
XXXX	xxx3	Concentration Elective	3
SOCI	5213	Science, Technology & Society	3
			15

Sixth

ARCH	6306	Design Studio 4	6
CIVL	5213	Reinforced Concrete	3
XXXX	xxx3	Concentration Elective	3
XXXX	xxx3	Gen Ed Elective/ Humanities	3
			15

Seventh

ARCH	7306	Design Studio 5	6
ARCH	7003	Environmental Controls 2	3
XXXX	xxx3	Concentration Elective	3
COMP	5703	Technical Writing II	3
			15

Eighth

ARCH	8306	Design Studio 6	6
ARCH	8003	Professional Practice	3
XXXX	xxx3	Concentration Elective	3
XXXX	xxx3	Gen Ed Elective (AH)	3
			15

Ninth

ARCH	8716	Design Studio 7-Thesis Defntn	6
ARCH	8733	Modern Architectural Theory	3
ARCH	8753	Advanced Structural Concepts	3
XXXX	xxx3	Concentration Elective	3
			15

Tenth

ARCH	8776	Design Studio 8-Thesis Develop	6
ARCH	8793	Professional Development	3
XXXX	xxx3	Concentration Elective	3
			12

Be advised that a prior felony conviction may impede a student's ability to participate in an internship and/or pursue licensure.