

College of Architecture, Design and Construction

DANIEL D. BENNETT, *Dean*
SHARON GABER, *Associate Dean*

THE COLLEGE OF ARCHITECTURE, DESIGN AND CONSTRUCTION (CADC) is committed to preparing professionals in the design, built environment and construction industries through professional undergraduate programs in the academic areas of Architecture, Building Science, Industrial Design and Interior Architecture and graduate professional programs in Building Science, Community Planning, Design-Build, Industrial Design, and Landscape Architecture. We strive to imbue an ethical agenda that reinforces the student's basic tendency and desire to improve our natural and built worlds. The college offers unique opportunities for students to become involved in innovative and collaborative exercises which kindle the mind and stimulate curiosity. Whether working with nationally respected corporations in the Department of Industrial Design, associating with major construction companies in the Department of Building Science, or building facilities to accommodate the needs of some of the state's poorest citizens at the School of Architecture's Rural Studio, CADC students learn in unique and flexible settings from innovative faculty, ideas and conditions.

The College of Architecture, Design and Construction maintains the right to limit enrollment in all programs and may retain student work for exhibition or for records and accreditation purposes.

School of Architecture

Academic Standards and Policies - Enrollment in the second year studios is limited and eligibility for acceptance to Architecture and Interior Architecture is based on performance in courses in the first year of the model curriculum. In addition, students must successfully complete 27 hours, pass Calculus I, and achieve a minimum cumulative grade-point average of 2.8 to be accepted into Summer Design. Transfer students must also have a cumulative grade-point average of 2.8 to be considered for acceptance into the program. Transfer students from NAAB-accredited schools of architecture will be required to present a portfolio of their work. Based on an evaluation of the portfolio and transcript, a determination will be made regarding level of placement in the design sequence. Transfer students from non-accredited programs will be required to begin the design sequence with the first year studios via the Summer Option curriculum model.

In the event a grade of D or F is received in any required course in the major, a review is required for continuance in the program. Based on the outcome of this review, a student may be required to repeat the course or, in the case of design studios, the entire studio sequence for that respective year-level. Students receiving a second D when repeating a required course will be reviewed for continuance in the program. Similarly, a student receiving a majority of grades of C or poorer may be reviewed for continuance in the program.

Students must maintain professional standards of behavior, as outlined in the Tiger Cub, in all required courses. Failure to do so may be grounds for dismissal from the program.

To proceed to the beginning sequence of design studio at third, fourth, or fifth year levels, the student must have completed all required prerequisite courses for that respective year-level, as indicated in the model curriculum. Enrollment in 3000-level BSCI courses will be limited to those students with a grade-point average of 2.5 or above and third-year standing in design studio.

Special Opportunities for Qualified Students - The school offers several elective opportunities for enriching students' learning experience and preparation for professional life. These options include: a Foreign Studies Program with a variety of options for international travel and study; The Auburn Center for Architecture and Urban Studies - a design center in downtown Birmingham where upper-level students and faculty engage in community-centered, service-learning activities; and The Rural Studio - a program based in rural west Alabama where students engage local communities via hands-on service-learning projects to help meet needs of shelter and improved quality-of-life. Participation in each of these programs is limited, and students may be allowed to participate based on academic standing, available resources, and a competitive selection process.

Professional internships with practicing architects are recommended prior to the last year of study.

Department of Building Science

Entering Freshmen who meet the general admission requirements of Auburn University will be admitted to the Pre-Building Science program.

Transfer Students must have a minimum grade-point average of 2.8 and will be accepted on a space-available basis as determined by the department head.

Academic Standards and Policies - To be considered for admission into the professional program (BSCI), the student must have completed all course work shown in the first two years of the model curriculum, and must have successfully completed a minimum of 63 semester hours. The department reserves the right to limit enrollment in the professional program (BSCI) based on calculated grade-point average.

After being admitted to the professional program, any student receiving a grade below C in any 3000 or 4000 level BSCI course, or any student whose cumulative grade-point average falls below 2.50, will be reviewed by the Department Academic Standards Committee for approval to continue in the program. Any student who is reviewed may be required to repeat a course or to withdraw from the program.

Department of Industrial Design

Students who meet the general admission requirements of Auburn University will be admitted to the Pre-Industrial Design Program.

Transfer Students from other institutions must meet the university admission requirements. Students transferring from other design disciplines will be required to present examples of their work to determine studio placement. Internal transfer students should contact the department head to determine eligibility.

Summer Design Program - Students who have completed courses in the first year of the model curriculum qualify for the Summer Design Program. This program allows students to complete the first year Industrial Design Studio requirements. After completion, students may enter the sophomore design studio sequence in the fall semester. Contact the department head for more information.

Academic Standards and Policies - Design courses must be taken in sequence and may not be taken simultaneously with pre-requisites. All courses in the freshman year must be completed before entering the sophomore year of study. A grade of C or higher must be made in studio courses. Grades below C in studio courses 1310 through 4210 must be repeated. Any student with two grades at the C level or below in INDD 1310, 1320, 2110 or 2210 may be reviewed by the Design Review Committee for approval to continue in the design sequence. Admission to the Industrial Design curriculum in the second and third years requires a 2.5 cumulative grade-point average. The department maintains the right to select the most highly qualified students for admission to and continuation in the program and to retain original work accomplished as part of course instruction. A portfolio and presentation are required for graduation.

Architecture

The Bachelor of Architecture degree is awarded upon the completion of the five-year curriculum. Qualified students may elect to pursue concurrently a second Bachelor of Interior Architecture degree.

Curriculum in Architecture (Foundation Unit)

FR	F	S		F	S
	1100	1120	English Composition I & II.....	3	3
			History Core	**	3
	1610		Calculus I.....	4	**
		1010	Concepts of Science.....	**	4
ARCH	1000		Careers in Design & Const	1	**
ARCH		1420	Intro to Digital Media	**	2
ARCH	1060		Visual Communications	2	**
ARCH	1010	1020	Arch Design I & II.....	5	5
				15	17

SO			Core Social Science Group 1	**	3		
			Core Philosophy	**	3		
ENGL	2200	2210	World Literature I & II.....	3	3		
HIST			History Core	3	**		
PHYS	1500		General Physics I	4	**		
ARCH	2010	2020	Studio I & II.....	6	6		
ARCH		2110	Architectural History I.....	**	3		
				16	18		

To proceed to the beginning sequence of a design studio at third, fourth and fifth year levels, students must have completed all courses prior to that level or have the approval of the Design Review Committee.

JR							
BSCI	2400	3400	Structures I & II.....	3	3		
BSCI	3100		Energy Conscious Design	3	**		
ARCH	3010	3020	Studio III & IV	6	6		
ARCH	3110	3120	Architectural History II & III.....	3	3		
ARCH		3320	Materials & Methods I.....	**	3		
ARCH	3410		Dessein Elective	3	**		
				18	15		

SR							
BSCI	3110		Environmental Controls	2	**		
BSCI	3450		Structures III	3	**		
CPLN		5000	History & Theory of Urban Form	**	3		
ARCH	3700		Seminar in Hist. & Theory	**	3		
ARCH	4010	4020	Studio V & VI	6	6		
ARCH	4320		Materials & Methods II.....	3	**		
ARCH	4500		Professional Practice.....	3	**		
			Professional Elective.....	**	3		
				17	15		

FIFTH YR							
			Core Fine Arts	**	3		
ARCH	5010		Studio VII	6	**		
ARCH		5020	Thesis Studio	**	7		
ARCH	5990		Introduction to Research.....	2	**		
ARCH		5991	Thesis Research	**	1		
ARCH			Seminar**	**	3		
			Interdisciplinary Prof Elective*	**	3		
			Elective	**	3		
UNIV	4@@@		AR1 Undergraduate Graduation.....	**	0		
				14	14		

TOTAL HOURS - 159

* See adviser for list of approved CADC courses.

** See adviser for approved ARCH Seminars.

Curriculum in Architecture (Summer)

FR	F	S		F	S
ENGL	1100	1120	English Composition I & II.....	3	3
			History Core	3	3
MATH	1610		Calculus I.....	4	**
			Core Philosophy	3	**
			Core Social Science Group I	**	3
SCMH		1010	Concepts of Science.....	**	4
ARCH	1000		Careers in Design & Const.....	1	**
				14	13

SUMMER					
ARCH	1010	Arch Design I	5		
	ARCH 1020	Arch Design II.....	5		
	ARCH 1060	Visual Communications.....	2		
	ARCH 1420	Intro to Digital Media	2		
			14		

SO					
ENGL	2200	2210	World Literature I & II.....	3	3
PHYS	1500		General Physics I	4	**
			Core Social Science Group II	3	**
ARCH	2010	2020	Studio I & II.....	6	6
ARCH		2110	Architectural History I.....	**	3
ARCH		3410	Dessein Elective	**	3
				16	15

To proceed to the beginning sequence of a design studio at third, fourth and fifth year levels, students must have completed all courses prior to that level or have the approval of the Design Review Committee.

JR					
BSCI	2400	3400	Structures I & II.....	3	3
BSCI	3100		Energy Conscious Design	3	**
ARCH	3010	3020	Studio III & IV	6	6
ARCH	3110	3120	Architectural History II & III.....	3	3
ARCH		3320	Materials & Methods I.....	**	3
				15	15

SR					
BSCI	3110		Environmental Controls	**	2
BSCI	3450		Structures III	3	**
CPLN		5000	History & Theory of Urban Form	**	3
ARCH	3700		Seminar in Hist. & Theory	**	3
ARCH	4010	4020	Studio V & VI	6	6
ARCH	4320		Materials & Methods II.....	3	**
ARCH	4500		Professional Practice.....	3	**
				15	14

FIFTH YR					
			Core Fine Arts	**	3
ARCH	5010		Studio VII	6	**
ARCH		5020	Thesis Studio	**	7
ARCH	5990		Introduction to Research.....	2	**
ARCH		5991	Thesis Research	**	1
ARCH			ARCH Seminar**	3	**
			Interdisciplinary Prof Elective *	**	3
			Elective	**	3
UNIV	4@@@		AR1 Undergraduate Graduation.....	**	0
				14	14

TOTAL HOURS - 159

* See adviser for list of approved CADC courses.

** See adviser for approved ARCH Seminars.

The Cooperative Education program is available to students after the second year of studio. Active participation in the Intern Development Program (IDP) is encouraged after completion of the third year in the curriculum. IDP is a pre-requisite to licensing in the State of Alabama.

In the United States, most state registration boards require a degree from an accredited professional degree program as a pre-requisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit U.S. professional degree programs in architecture, recognizes two types of degrees: the Bachelor of Architecture and the Master of Architecture. A program may be granted a six, three or two-year term of accreditation, depending on its degree of conformance with established educational standards.

Master's degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree, which, when earned sequentially, comprise an accredited professional education. However, the pre-professional degree is not, by itself, recognized as an accredited degree.

The five-year Bachelor of Architecture degree is accredited by the National Architectural Accrediting Board. The four-year pre-professional Bachelor of Science in Environmental Design is not a professionally accredited degree.

Auburn University is a member of the Association of Collegiate Schools of Architecture.

Students are encouraged to work at an architect's office, a construction site or other approved professional endeavor prior to their fourth year.

Interior Architecture

Interior Architecture is involved with the making of "place," and to pursue this endeavor to the fullest extent, Auburn has integrated Interior Architecture and Architecture resulting in the granting of two degrees upon completion of the fifth year of study. Students must apply separately to the Interior Architecture Program. The graduate who receives a Bachelor of Interior Architecture degree and a Bachelor of Architecture degree is a person trained in interior design who also is qualified to sit for an Architectural License Exam and the NCIDIQ Exam for Interiors. Participation in the Interior Architecture Program is highly selective. See adviser for details.

Curriculum in Interior Architecture (Foundation Unit)

FR	F	S		F	S
ENGL	1100	1120	English Composition I & II.....	3	3
MATH	1610		Calculus I.....	4	**
			Science Core	**	4
			Core Social Science Group 1	**	3
ARCH	1000		Careers in Design & Const.....	1	**
ARCH	1010		Intro to Careers in Arch.....	5	**
ARCH	1060		Visual Communications	2	**
ARCH		1420	Intro to Digital Media	**	2
ARCH		1020	Arch Design I & II	**	5
				15	17

SO			
ENGL	2200	2210	World Literature I & II..... 3 3
HIST			Core History 3 3
PHYS	1500		General Physics I 4 **
ARIA	2150		Elements of IA ** 3
ARCH	2010	2020	Studio I & II..... 6 6
ARCH		2110	Architectural History I..... ** 3
			16 18

To proceed to the beginning sequence of a design studio at third, fourth and fifth year levels, students must have completed all courses prior to that level or have the approval of the Design Review Committee.

JR			
BSCI	2400	3400	Structures I & II..... 3 3
BSCI	3100		Energy Conscious Design 3 **
ARIA	2160		Elements of IA 3 **
ARCH	3010		Studio III ** 6
ARIA		3020	Studio IV ** 6
ARCH	3110	3120	Architectural History II & III..... 3 3
ARCH		3320	Materials & Methods I..... ** 3
			18 15

SR			
BSCI	3110		Environmental Controls 2 **
BSCI	3450		Structures III 3 **
CPLN		5000	History & Theory of Urban form ** 3
ARCH		3410	Dessein Elective ** 3
ARCH		4020	Studio VI ** 6
ARCH	4320		Materials & Methods II 3 **
ARCH	4500		Professional Practice 3 **
ARIA	4010		Studio V 6 **
			Core Philosophy ** 3
			17 15

ARIA SUMMER SESSION			
ARIA	4030		Thesis 6
ARIA	4080		Thesis Research 2
ARIA	4450		Professional Practice 2
ARIA	4680		History of IA 3
			13

Bachelor of Interior Architecture, 143 semester hours, non-professional degree. To be eligible to become licensed to practice architecture and interior architecture, the student must complete the following:

FIFTH YR			
			Core Fine Arts ** 3
			Core Social Science Group II 3 **
ARCH	3700		Seminar in Hist. & Theory ** 3
ARCH	5010		Studio VII 6 **
ARCH	5020		Thesis Studio ** 7
ARCH	5990		Introduction to Research..... ** 2
ARCH	5991		Thesis Research ** 1
ARCH			ARCH Seminar* 3 **
UNIV	4@@@		AR1 Undergraduate Graduation..... ** 0
			14 14

TOTAL HOURS - 172

* See adviser for approved ARCH Seminars

Curriculum in Interior Architecture (Summer)

FR	F	S	F	S
			Science Core ** 4	
ENGL	1100	1120	English Composition I & II..... 3 3	
HIST			History Core 3 3	
MATH	1610		Calculus I..... ** 4	
			Core Philosophy 3 **	
			Core Social Science Group I..... ** 3	
ARCH	1000		Careers in Design & Const..... ** 2	
			15 13	
SUMMER				
ARCH	1010		Arch Design I..... 5	
ARCH	1020		Arch Design II..... 5	
ARCH	1060		Visual Communications 2	
ARCH	1420		Intro to Digital Media 2	
			14	
SO				
ENGL	2200	2210	World Literature I & II..... 3 3	
PHYS	1500		General Physics I 4 **	
ARIA	2150		Elements of IA ** 3	
ARCH	2010	2020	Studio I & II..... 6 6	
ARCH		2110	Architectural History I..... ** 3	
			13 15	

To proceed to the beginning sequence of a design studio at third, fourth and fifth year levels, students must have completed all courses prior to that level or have the approval of the Design Review Committee.

JR			
BSCI	2400	3400	Structures I & II..... 3 3
BSCI	3100		Energy Conscious Design 3 **
ARIA	2160		Elements of IA 3 **
ARCH	3010		Studio III 6 **
ARIA		3020	Studio IV ** 6
ARCH	3110	3120	Architectural History II & III..... 3 3
ARCH		3320	Materials & Methods I..... ** 3
			18 15

SR			
BSCI		3110	Environmental Controls ** 2
BSCI	3450		Structures III 3 **
CPLN		5000	History & Theory of Urban Form ** 3
ARCH		3410	Dessein Elective ** 3
ARCH	4010		Studio V 6 **
ARIA		4020	Studio VI ** 6
ARCH	4320		Materials & Methods II 3 **
ARCH	4500		Professional Practice 3 **
			15 14

ARIA SUMMER SESSION			
ARIA	4030		Thesis 6
ARIA	4080		Thesis Research 2
ARIA	4450		Professional Practice 2
ARIA	4680		History of IA 3
			13

Bachelor of Interior Architecture, 143 semester hours, non-professional degree. To be eligible to become licensed to practice architecture and interior architecture, the student must complete the following:

FIFTH YR			
			Core Fine Arts ** 3
			Core Social Science Group II 3 **
ARCH	3700		Seminar in Hist. & Theory ** 3
ARCH	5010		Studio VII 6 **
ARCH	5020		Thesis Studio ** 7
ARCH	5990		Introduction to Research..... 2 **
ARCH	5991		Thesis Research ** 1
ARCH			ARCH Seminar* 3 **
UNIV	4@@@		AR1 Undergraduate Graduation..... ** 0
			14 14

* See adviser for approved ARCH Seminars

Building Science

Students in the Building Science program learn the basic principles of science, architecture, engineering, business and construction. The four-year curriculum leads to the Bachelor of Science in Building Construction, accredited by the American Council for Construction Education. Graduates qualify for positions in all areas of the construction industry.

The Cooperative Education Program is offered after completion of two semesters of study at Auburn.

Non-majors will be accepted in BSCI classes on a space-available basis.

Curriculum in Building Science

FR	F	S	F	S
ENGL	1100	1120	English Composition I & II..... 3 3	
MATH	1610		Calculus I..... 4 **	
HIST	1210	1220	Core History I & II..... 3 3	
			Core Fine Arts ** 3	
			Core Philosophy 3 **	
PHYS		1500	General Physics I ** 4	
BSCI	1100		History & Intro to Construction..... 3 **	
BSCI		1200	Work Drawing & Specs ** 3	
			16 16	
SO				
ECON	2020		Core Social Science ** 3	
ENGL	2200	2210	World Literature I & II..... 3 3	
PHYS		1510	General Physics II..... ** 4	
COMM		1000	Public Speaking ** 3	
ACCT	2910		Fundamentals of Accounting Principles 3 **	
BSCI	2300	2350	Materials Methods/Equip I & II 3 3	
BSCI	2400		Structures I..... 3 **	
			15 16	
JR				
ENGL	3040		Technical Writing 3 **	
MNGT	3100		Principles of Management 3 **	
MNGT		3460	Organizational Behavior ** 3	
BSCI	3400	3450	Structures II & III..... 3 3	
BSCI	3500	3550	Construction Info Technology 3 3	

BSCI	3600	3650	Project Controls I & II.....	4	4	JR							
BSCI		3700	Safety & Hoisting.....	**	3					Philosophy Core.....	3	**	
					16	16				Soc Science Core I.....	**	3	
SUMMER*							INDD	3110		Exhibit Packaging.....	6	**	
	BSCI	3300	Field Surveying.....		2		INDD	3120		Industrial Design Methods.....	3	**	
							INDD	3130		Photo for Industrial Design.....	3	**	
SR							INDD	3210		Product Design.....	**	6	
GEOL		1100	Physical Geology.....	**	4		INDD	3220		Materials & Technology.....	**	3	
FINC	2400		Personal Finance.....	3	**		INDD	3230		Adv Computer Aided Design.....	**	3	
BSCI		4400	Construction Structures.....	**	2							15	15
BSCI	4600		Project Controls III.....	4	**	SR							
BSCI	4700		Building Equipment.....	3	**	ENGL	2200	2210	World Literature I & II.....	3	3		
BSCI	4750		Soils & Earthmoving Equip.....	2	**	INDD	4110		Advanced Product Design.....	6	**		
BSCI	4800		Contracting Business.....	3	**	INDD	5120		Professional Portfolio.....	3	**		
BSCI		4850	Business & Construction Law.....	**	3	INDD	4210		Industrial Design Thesis.....	**	6		
BSCI		4980	Thesis.....	**	4	INDD	4220		Professional Practice.....	**	3		
UNIV		4@@@	AR1 Undergraduate Graduation.....	**	0	UNIV		4@@@	AR1 Undergraduate Graduation.....	**	0		
					15	13						12	12

TOTAL HOURS - 125

TOTAL HOURS - 126

* Surveying camp is a 10 working day course held during the Summer/Fall break.

Required Elective - See Advisor for approved course listing.

Industrial Design

Students of Industrial Design learn the basic principles of design, engineering, human factors, marketing and sociology. They acquire such technical skills as computer-aided design and drafting, prototype fabrication, photography, sketching and graphics techniques. Students are introduced to design methods, color theory, product planning, visual statistics, materials, manufacturing methods, consumer psychology and environmental studies.

The four-year curriculum, which is accredited by the National Association of Schools of Art and Design, leads to the professional degree of Bachelor of Industrial Design. Graduates will qualify for positions in industrial design consultant offices and in various industries. Motivated students will be considered for admission to the Graduate Program in Industrial Design. The Cooperative Education Program is offered at the completion of the second year of studio. A one semester internship experience should be completed before enrollment in the fourth year studio sequence.

Curriculum in Industrial Design

FR	F	S		F	S
ENGL	1100	1120	English Composition I & II.....	3	3
HIST			History Core.....	3	3
MATH			Math Core.....	3	**
			Science Core.....	**	4
			Fine Arts Core.....	**	3
INDD	1120		Ind Design in Mod Soc.....	3	**
			Elective.....	3	**
				15	13
SUMMER					
	INDD	1310	Synthesis of Drawing.....	10	
	INDD	1320	Prototype Fabrication.....	3	
				13	
SO			Science Core.....	4	**
			Soc Science Core II.....	**	3
INDD	2110		2-D Industrial Design Principles.....	6	**
INDD	2120		Computer & Design Comm.....	3	**
INDD	2130		Rendering.....	3	**
INDD	2210		3-D Industrial Design Principles.....	**	6
INDD	2220		Anthropology.....	**	3
INDD	2230		History of Ind Design.....	**	3
				16	15

Environmental Design

Any student in the college, during the third year of study, may apply to be a degree candidate for the Bachelor of Science in Environmental Design. This four-year, non-professionally accredited degree is available at the recommendation of the head of the student's academic unit, and with the approval of the dean. If a Bachelor of Science in Environmental Design degree is received, a graduate must apply for re-admission to be a candidate for any other degree offered by the college. Some candidates for Master's programs may complete the requirements for the Bachelor of Science in Environmental Design, as a second baccalaureate degree, at the completion of undergraduate studies as qualification requirements for entry to graduate studies. Contact the department head for more information.

Curriculum in Environmental Design

R	F	S		F	S
ENGL	1100	1120	English Composition I & II.....	3	3
			Core History I & II.....	3	3
			Core Fine Arts.....	**	3
			Core Philosophy.....	3	**
			Core Mathematics.....	3	**
			Major Course.....	2	3
			Core Social Science Group I.....	**	3
				14	15
SO					
ENGL	2200	2210	World Literature I & II.....	3	3
ECON	2020		Microeconomics.....	3	**
			Core Science.....	4	4
			Major Course.....	6	8
				16	15

The student is to complete major requirements of 30 hours of approved courses in ARCH, INDD or LAND; 30 hours of directed electives in support of the major and 19 hours of electives. Electives may include basic ROTC.

TOTAL HOURS - 120