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I. Introduction

This document has been assembled to familiarize undergraduate students, especially entering first-year students, with the program, policies and procedures of the School of Architecture (S/ARC) at Mississippi State University. Additional information regarding general university policies can be found in the MSU Bulletin and on the MSU web page at www.msstate.edu/dept/stulife.

The School of Architecture offers an undergraduate program leading to the professional Bachelor of Architecture degree, and a graduate program leading to a Post-Professional Master of Science degree in Architecture. The five-year undergraduate curriculum prepares students in a rapidly changing world for the comprehensive practice of architecture. Through diverse coursework it provides students with a broad-based liberal arts education that includes a consciousness of ethical standards and social responsibility. The undergraduate curriculum emphasizes design excellence, ideological diversity, intellectual rigor, individual development, and the techniques for building. All aspects of the curriculum are synthesized in the design-studio sequence where theory and practice are balanced. The two-year graduate program emphasizes technology strategy in the areas of computer visualization, digital design, and CADCAM. The policies and procedures set forth in these pages have been designed to maintain the School's high professional standards and, at the same time, to offer students a rich educational experience.

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 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-year, three-year, or two-year term of accreditation depending on its degree of conformance with established educational standards. In 2004, the NAAB accredited the 5-year Bachelor of Architecture program at Mississippi State University for another full six-year term.

II. History

The School of Architecture has evolved from a creative idea into a thriving, energetic program housed in an exciting and functional building that has received state and regional design awards.

In 1973, at the urging of the architects in the state, the State Board of Trustees of the Institution for Higher Learning (IHL) established the school. Initially, it consisted of borrowed classrooms and a few adventurous students and faculty members. The first class was admitted under the temporary purview of the College of Engineering.

William G. McMinn, FAIA was selected as the first dean of the School of Architecture in the spring of 1974. Dean McMinn saw his faculty grow from three members to fourteen, watched over classes growing in quality and size, and worked to create outstanding educational programs and facilities. Borrowed classrooms were replaced by quarters in a renovated 1930s agricultural building. That building now serves as the major studio space in a multi-million dollar, multi-level facility equipped with state-of-the-art research and teaching equipment. Following Dean McMinn’s departure in 1984, James F. Barker, FAIA became dean. Following Dean Barker’s departure in 1986, John M. McRae, FAIA became dean and was responsible for guiding the S/ARC’s development through its second decade. Upon his retirement in 2001, James L. West became the fourth dean.
Significant dates in the evolution of the school include:

- 1977: renovations created design studio, office, and library space on the Starkville campus. The Fifth-Year Program opened in the Mississippi Research and Development Center in Jackson, MS to provide an urban-study experience for architecture students.
- June 1978: 16 architecture students received the first Bachelor of Architecture degrees to be awarded in the State of Mississippi.
- Fall 1979: the school received its initial accreditation from the National Architecture Accrediting Board.
- 1983: the new wing of the school was dedicated and named Giles Hall.
- 1994: the fifth-year program moved to a downtown Jackson location in the historic Elks Club Building.
- 2003: the Fifth-year program moved into the newly renovated Stuart C. Irby, Jr. Studios at 509 East Capitol Street in downtown Jackson, and the S/ARC became a College.
- 2004: the College reorganized to include the Art Department and the Interior Design Program, and was renamed the College of Architecture, Art, and Design.

Early and continuing emphasis on the small town, and enthusiastic use of state and local settings as teaching tools, sets the school apart from traditionally urban-based schools and continues to bring it into close contact with the people of Mississippi. The S/ARC’s focus has been applauded in the following publications: Architecture (the journal of the American Institute of Architects), Newsweek on Campus, Architectural Record, and The Boyer Report, to name a few. Its graduates have thrived in graduate programs at Harvard, Yale, Columbia, Rice, Washington University, and Cambridge University in England, as well as in firms across the United States. Statistics derived from records of the National Council of Architectural Registration Board (NCARB) show that S/ARC alumni score significantly higher than the national average for candidates seeking registration as professional architects.

III. Programs Leading to the Bachelor of Architecture Degree

A. Fall Design-Studio Admissions
Incoming freshmen completing their application forms by January 15 are evaluated in the first admissions committee review and are notified of their status by early March. Subsequent applicants are evaluated on the 15th of each month and admitted on the basis of available space at the time the MSU application and supplementary application forms are completed. The strongest applicants are accepted directly into fall design studios and follow the program of study shown in Appendix B. All other applicants meeting university admissions requirements are accepted into the School of Architecture’s pre-architecture program and follow the program of study shown in Appendix C. No applications are reviewed after April 15. Students applying to the S/ARC after that date are automatically accepted into the P/ARC program.

B. Pre-architecture (P/ARC)
Pre-architecture students complete all required freshman level courses (on campus or at other universities or community colleges) except Architectural Design IA and IB: (ARC 1536 and ARC 1546). When all other freshman level courses are completed, and the student has at least a 2.50 cumulative grade point average (GPA) on a 4.00 scale, he/she becomes eligible to apply for admission to the summer freshman design studios. All P/ARC students must apply to the summer studio by the February 15 date that precedes the summer in which they wish to begin the design studio. Acceptance is limited by space availability, academic record, and portfolio review. Transfer and change of major students are generally accepted through the P/ARC program.
C. Accelerated Studies
Accelerated-studies students already have a bachelor's degree in another discipline and must apply for admission to the summer design studios by February 15. These students must submit transcripts showing grades and earned degree, complete the supplementary application form, have met all the pre-requisites (English Comp I and II, Physics I and II, Freehand Drawing I), and submit a portfolio. A minimum GPA of 2.50 is required. Courses completed and first-degree program GPA is also considered. The program of study for accelerated students is shown in Appendix D.

The S/ARC admissions committee evaluates all student applications. Having an interview with the S/ARC Director of Undergraduate Admissions is highly recommended and appointments may be scheduled by calling the S/ARC office at 662.325.2202.

IV. Curriculum

A. General Information
The curriculum leading to the first professional Bachelor of Architecture (B.Arch.) degree is outlined in Appendices B, C, and D. The MSU Bulletin should be consulted for course descriptions and prerequisites. In addition to the required core courses, the S/ARC curriculum also requires the following types of electives.

B. University Electives
All S/ARC students are required to successfully complete seven electives that include two Social/Behavioral Science electives and one fine arts elective. Approved electives for the School of Architecture are listed in Appendix E. An asterisk by a course number denotes prerequisites and the student should refer to the MSU Bulletin for additional information. Any course not listed in Appendix E must be approved by the student’s academic advisor or by the Associate Dean of the School of Architecture in order to receive credit.

C. Special Problems Electives
Individual students or small groups under the direction of a faculty member may undertake elective credits in specialized topics. The credit received may apply toward one of the required elective courses. A student should first discuss his/her proposed topic with a faculty member who must agree to direct the special problems course. The student must then complete the Special-Problems Approval Form (Appendix F) and obtain approvals from the instructor, the advisor and the Associate Dean within the first week of the semester. Criteria for approval include: exceptional topical value, content not available under any other structured format, faculty expertise in a specialized area and the student’s proven ability to perform well with minimum supervision.

V. Program Implementation

A. Administration
The following individuals are responsible for the administration of the school’s program:

- James L. West, AIA: Dean
- Jane Britt Greenwood, AIA: Associate Dean, Director of Undergraduate Admissions, and Director of Research
- Dr. David C. Lewis: Interim Director, School of Architecture
- Dr. Larry Barrow, AIA: Director of the Graduate Program and the Design Research and Informatics Lab (DRIIL)
• Kimberly Brown, AIA: Director, Carl Small Town Center (CSTC)
• David Buege: Director, Jackson Fifth-Year Program
• John C. Garner: Director, Educational Design Institute (EDI)
• David Perkes, AIA: Director, Mississippi Gulf Coast Community Design Studio (MGCCDS)

In addition, fifteen full-time faculty members and a varying number of part-time or adjunct faculty teach the broad range of professional courses.

B. Teaching Methods
A team-teaching methodology is employed in most architectural-design studios. At each year level, one professor on the team acts as the coordinator. In the fall semester of third- and fourth-year, faculty members offer topical studios based upon their areas of interest and students select the studio they prefer. After first-year, students work with the faculty members for their year level on at least one design problem per semester. An individual instructor gives most design guidance; however, the complete year-level teaching team handles lectures, reviews, and evaluations in order to take advantage of their varied expertise.

C. Jackson Fifth-Year Program
The fifth-year program is located in the Stuart C. Irby, Jr. Studios at 509 East Capitol Street in downtown Jackson, Mississippi. The fifth-year provides students with an intensive exposure to the profession, urban design and planning, and the many forces affecting the urban built environment. As the culmination of their architectural education, students produce a thesis project demonstrating the full range of abilities they have developed during their careers at the School of Architecture.

D. Class Responsibilities
1. Upon registration, the student accepts the responsibilities of attending all classes, arriving on time, and doing any work the instructor may prescribe. Attendance is required at each class session and grades may be affected by unexcused absences. When absence from class is essential, the student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for absence. The student is also responsible for making arrangements that are satisfactory to the instructor in regard to work missed and those arrangements should be made prior to the absence. The instructor is not obligated to accept work that was due during an unexcused absence.

The following are considered excused absences by the University:
• Participation in an authorized university activity.
• Death or major illness in a student’s immediate family.
• Illness of a dependent family member.
• Participation in legal proceedings or administrative procedures that require a student’s presence.
• Religious holy day.
• Illness that is too severe or contagious for the student to attend class.
• Required participation in military duties.
• Mandatory admission interviews for professional or graduate school that cannot be rescheduled.

It is the student’s responsibility to secure documentation of illness from a physician (cannot be a parent). The documentation must contain the date and time the student sought treatment. Based upon the documentation, the instructor will decide whether makeup work will be allowed. All said documentation is due to the instructor no later than 2 weeks after the student’s absence.
Because absence from class is detrimental to the learning process, faculty may choose to penalize the student for excessive absences, which may result in a lower grade. Architecture faculty will specify their attendance requirements as related to grading in the course syllabus.

With the exception of freshmen whose absences must be reported, faculty may choose to record and report the absences of all students on both the midterm and final grade reports. All attendance information submitted to the Registrar will become part of the student’s file. Faculty may also report students with continued consecutive absences to the Division of Student Affairs.

2. Professors provide course syllabi and make assignments either verbally or in the form of printed handouts with due dates and times. Students are responsible for obtaining information on assignments if they miss class.

3. Each student is encouraged to maintain a sketchbook throughout his/her five-year course of study. Sketchbooks are useful in training students to document and record ideas and images, and as a means to explore graphic communication.

4. Students are expected to be prepared for a critique during any studio class period. For current projects, both resolved work (based on previous sessions) and new work should be available for critique.

5. Students are expected to work at their desks during the entire scheduled studio time from 1:00-5:00 p.m. MWF, unless meeting with design critics or participating in group discussions.

6. A medical excuse is required for students requesting any extension of due dates or make-up exams. Upon returning to class, the student must make a written request to the appropriate instructor for an extension or permission to make up an exam and provide supporting written documentation.

7. Field trips, an important part of architectural education, are required as part of the design-studio activities. Field trip destinations have included the following:
   - First-Year: New Orleans and Atlanta
   - Second-Year: Columbus, Indiana; Louisville, Kentucky; New Harmony, Indiana; Cincinnati, Ohio; Washington, D.C.; Philadelphia, Pennsylvania
   - Third- and Fourth-Year: New York, Boston, Chicago, San Francisco, Los Angeles
   - Fifth-Year: St. Louis, Missouri

Field trip fees are assessed by the University along with tuition. The fees for 2005-2006 are:
   - $175 per semester for first-year
   - $360 each fall semester for second-year
   - $450 each fall semester for third-year
   - $550 each fall semester for fourth-year

The field trip fees are non-refundable for any student enrolled in studio on the first day of classes.

8. Exchange programs with schools of architecture in Plymouth, England; Delft, Holland; and Alexandria, Virginia are available for students during the fall semester of fourth-year. Students submit letters of interest for particular programs and entire faculty decides whether a student may participate.

9. A Cooperative Education program is available to students having completed the third- or fourth-year design studio. Co-op is a 12-15 month paid internship with a licensed architect. IDP (Intern Development Program) credit is given towards the required three year internship prior to architectural registration.
Interested students should notify either the S/ARC office or the Cooperative Education office located at 335 McCain. A student must have a MSU GPA of 2.5 to participate in the co-op program.

E. Academic Standing

A Student Curriculum Record is kept in each student’s file. Students are advised to maintain their own copies (available in Appendix G of this document) and to consult it when formulating their semester schedules. Credits earned at Mississippi State University are expressed in semester hours, and units transferred from another institution are expressed in, or converted to, semester hours. In the architecture design program, an average load of 15-18 hours per semester with a “C” or better average will enable the student to progress towards graduation. A cumulative MSU average of 2.00 must be attained in order to graduate.

The following requirements guide each student’s advancement through the program:

1. Incoming freshmen and transfer students should be aware that demonstrated proficiency in College Algebra and College Trigonometry is required prior to enrolling in General Physics I (PH 1113). Proficiency in algebra can be demonstrated by a 24 or higher on the math portion of the ACT. Proficiency in trigonometry can be demonstrated by a “B” or better in a semester-long high school trigonometry course, or by passing a CLEP test. College Algebra and College Trigonometry can also be taken at a community college or another university.

2. Once accepted into the design studio, students are required to maintain a cumulative 2.00 MSU GPA in order to remain in the studio. Any student not meeting the minimum academic qualification of 2.00 will not be allowed to enroll in the design studio. Only courses taken at MSU or through the MSU correspondence program will raise or lower the MSU average.

F. Design-Studio Prerequisite

Success in the design studio demands that a student be prepared to undertake projects at that level. Specific cohort courses shall be taken concurrently with design studio. In addition to the prerequisites for the studio courses, individual cohort courses may have their own prerequisites.

<table>
<thead>
<tr>
<th>Design Studio</th>
<th>Cohort Course Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARC 2536: Design – IIA</td>
<td>Completed: All first-year required courses. Concurrently enrolled in: ARC 2713-Passive Building Systems</td>
</tr>
<tr>
<td>ARC 2546: Design – IIB</td>
<td>Completed: Requirements for ARC 2536-Design IIA and ARC 2713-Passive Building Systems. Concurrently enrolled in ARC 2723-Materials</td>
</tr>
<tr>
<td>ARC 3536: Design – IIIA</td>
<td>Completed: Requirements for ARC 2546-Design IIB, ARC 2723-Materials. Concurrently enrolled in: ARC 3904-Structures I and ARC 3713-Assemblages</td>
</tr>
<tr>
<td>ARC 3546: Design – IIIB</td>
<td>Completed: Requirements for ARC 3536-Design IIIA, ARC 3904-Structures I, ARC 3713-Assemblages. Concurrently enrolled in: ARC 3723-Active Building Systems and ARC 3914-Structures II</td>
</tr>
<tr>
<td>ARC 4536: Design – IVA</td>
<td>Completed: Requirements for ARC 3546-Design IIIB, ARC 3914-Structures II, and ARC 3723-Active Building Systems. Concurrently enrolled in ARC 4733-Site Planning</td>
</tr>
</tbody>
</table>
G. Academic Probation
The following information is from the Academic Operating Policy (AOP) 12.15 entitled Academic Probation for Undergraduate Students.

Students whose cumulative MSU GPA falls below 2.00 at the end of any term will enter the next term on academic probation and will remain on probation until the GPA reaches 2.00 or higher. The course load for students on academic probation is restricted to a total of 14 credit hours; a student on academic probation who enrolls concurrently in excess of this limit in correspondence courses or at another institution will not receive credit at Mississippi State University for such courses.

After having been notified of probationary status, a student must schedule an appointment with his/her academic advisor or with the departmental probationary advisor (if the department has a probationary advisor) to devise a plan to improve their academic performance.

H. Academic Suspension and Dismissal
Students with a semester GPA of less than 2.00 who have attempted at least 24 hours of coursework at Mississippi State University AND who fail to meet the following MSU cumulative GPA requirements will be suspended.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Earned Hours</th>
<th>MSU Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seniors</td>
<td>90 or more semester hours</td>
<td>2.0</td>
</tr>
<tr>
<td>Juniors</td>
<td>60-89 semester hours</td>
<td>2.0</td>
</tr>
<tr>
<td>Sophomores</td>
<td>30-59 semester hours</td>
<td>2.0</td>
</tr>
<tr>
<td>Freshmen</td>
<td>29 or fewer semester hours</td>
<td>1.5</td>
</tr>
</tbody>
</table>

I. Degree Requirements
To earn the Bachelor of Architecture degree a student must:
- fulfill all requirements specified by the S/ARC curriculum (See Appendices B, C and D) as well as the university core curriculum and other requirements listed in the current MSU Bulletin, and
- satisfactorily complete the curriculum requirements with an overall 2.00 GPA in “all hours attempted” at all institutions attended (cumulative GPA) and “all hours attempted” at Mississippi State University (MSU GPA).

J. Schedule Changes and Procedures
To add or drop a course, students are advised to first consult with their academic advisor. They should also follow deadlines published in the MSU Bulletin and in the class master schedule for each semester. After the 30th day of classes, students may not drop a class except under specific circumstances outlined in the MSU Bulletin. Refer to Part I, Section III, Item A 9, “Schedule Changes,” of the MSU Bulletin for additional information.

K. Withdrawal
Students withdrawing from the university prior to the end of the period of enrollment, except for temporary absences, should initiate withdrawal procedures at the School of Architecture office located in Room 240, Giles Hall. Refer to Part I, Section III, Item E, “ Withdrawal,” of the MSU Bulletin and AOP 12.02: Withdrawal from the University for additional information.
**L. Academic Load**  
Students with a GPA below 2.00 are limited to an academic load of 14 semester hours. However, designated academic support courses, such as developmental math, are excluded.

Students with a GPA between 2.00 and 2.99 are limited to 19 hours. Any student without a cumulative GPA, such as a freshman or a transfer student, will be limited to 19 hours.

Students with a GPA of 3.00 or higher may elect to take additional hours. Students in this category must secure permission from their advisor to schedule more than 19 hours and pay an “overload” fee for each hour above 19.

For additional information refer to AOP 12.22: Undergraduate Student Courseload.

**M. Grade Appeal**  
Student performance is evaluated according to academic criteria. The evaluation is not based on personalities nor is it affected by student conduct in matters unrelated to academic standards.

A student disputing a grade must first discuss the matter with the instructor. If that does not resolve the dispute, the student may submit a written grade appeal to the coordinator of the year level with copies sent to the Associate Dean and the Dean. The appeal is then reviewed at each level. If the dispute cannot be resolved by review of the instructor, the Associate Dean, or the Dean, it may be referred to the University Academic Review Board for a formal hearing. Refer to AOP 13.14: Grade Appeal and Academic Review Board for more information.

**N. Academic Honesty**  
Academic dishonesty is defined in *The Bulldog* as the “unauthorized giving, taking, or presenting of any information or material by a student with the intent of aiding himself/herself or another on any academic work which is to be considered in the determination of the course grade or completion of other academic requirements.” For further information consult AOP 12.07: Academic Misconduct on the MSU web page at www.msstate.edu/dept/audit/1207.html. Both students and faculty members are responsible for reporting cases of academic dishonesty.

There is no more important value held in any academic setting than academic honesty because the work submitted by a student represents that student’s efforts and achievements. In the School of Architecture, an incident of plagiarism or cheating may constitute grounds for dismissal from the course and automatic failure. Traditional academic conventions for giving credit to sources must be followed.

Work for class assignments is expected to be produced by each student and carried out in its entire substantive content solely by that individual. Help on drawings, model building, etc. is generally not allowed unless it is approved in advance and done within clearly defined limits. Violations of this policy will result in an academic penalty appropriate to the circumstance.

The MSU Academic Honesty Committee conducts hearings on charges of academic dishonesty, decides guilt or innocence, and when guilt is determined, imposes sanctions. For further information consult “Policies and Procedures for Handling Academic Dishonesty” or gain access to this information on the web at www.msstate.edu/web/security.html. (Once you have reached this site choose the following: “University Policies Relating to Students and Student record,” “Academic Misconduct,” “Academic operating Policy and Procedure,” “Attachment A—Policies and Procedures for Handling Academic Misconduct.”)
O. Ownership of Student work
All work produced by students for class assignment is the property of the School of Architecture and will be returned only at the discretion of the faculty. It is common practice to retain projects for exhibition and accreditation purposes.

P. Grading Standards
The university grading system is as follows:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Level of Achievement</th>
<th>Quality points per Credit Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Poor</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>0</td>
</tr>
<tr>
<td>L</td>
<td>In Progress</td>
<td>-</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactorily</td>
<td>-</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactorily</td>
<td>-</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawn without penalty</td>
<td>-</td>
</tr>
</tbody>
</table>

For more information on credit, grades and academic standing, refer to AOP 12.12 at www.msstate.edu/dept/audit/mainindex.html.

To calculate the grade-point average, divide the number of grade points earned by the number of hours attempted. Students are advised to comprehend this process fully in order to keep abreast of their progress.

As a professional program, the School of Architecture must correlate its standards with those of the profession. Therefore, the college elaborates on the MSU grade interpretations as follows:

- “A” represents outstanding accomplishments that go beyond the stated objectives of the problem and conventional wisdom; represents exemplary work that contributes new insights or perspectives on those issues; solutions provoke questions.
- “B” represents solving the stated problem with a high degree of skill and craft; represents good accomplishments within the stated objectives and conventional wisdom; mature concepts, development, and communication.
- “C” represents a competent solution to the stated objectives of the problems of “firmness, commodity and delight;” represents a satisfactory response to what was asked for but does not go beyond what is expected.
- “D” represents a minimally competent response to the stated objectives of the problem; important aspects of the problem have not been solved; represents less than expected accomplishments within the stated objectives; does not provide what is asked for and what is expected.
- “F” represents a significant failure to meet the acceptable level of accomplishments within the stated objectives and issues, even though the project may be complete.
- “F-zero” represents little or no effort.
- "I" (incomplete) may be submitted in lieu of a final grade when the student, because of illness, death in his/her immediate family, or similar circumstances beyond his/her control, is unable to
complete the course requirements or to take final examinations. All grades of I (incomplete) must be removed within thirty (30) calendar days from the date of the student's next enrollment, but only that part of his/her work missed during the emergency for which the incomplete was granted may be made up. If a grade of I is not resolved into a passing grade within the allotted time, the grade then becomes an F.

Grade values for projects at the School of Architecture are:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>10.0</td>
</tr>
<tr>
<td>A</td>
<td>9.5</td>
</tr>
<tr>
<td>A-</td>
<td>9.2</td>
</tr>
<tr>
<td>A-/B+</td>
<td>9.0</td>
</tr>
<tr>
<td>B+</td>
<td>8.8</td>
</tr>
<tr>
<td>B</td>
<td>8.5</td>
</tr>
<tr>
<td>B-</td>
<td>8.2</td>
</tr>
<tr>
<td>B-/C+</td>
<td>8.0</td>
</tr>
<tr>
<td>C+</td>
<td>7.8</td>
</tr>
<tr>
<td>C</td>
<td>7.5</td>
</tr>
<tr>
<td>C-</td>
<td>7.2</td>
</tr>
<tr>
<td>C-/D+</td>
<td>7.0</td>
</tr>
<tr>
<td>D+</td>
<td>6.8</td>
</tr>
<tr>
<td>D</td>
<td>6.5</td>
</tr>
<tr>
<td>D-</td>
<td>6.2</td>
</tr>
<tr>
<td>D-/F+</td>
<td>6.0</td>
</tr>
<tr>
<td>F+</td>
<td>5.8</td>
</tr>
<tr>
<td>Other F's</td>
<td>5.5 to 0.0</td>
</tr>
</tbody>
</table>

Each student should recognize that an accurate evaluation of studio performance goes beyond numerical values. For this reason, the faculty retains the right to raise or lower grades. This might be done, for example, to reflect a student’s improvement during the semester. Other factors that may affect the final grade include class attendance and participation.

Students may be requested to grant permission to have their grades posted. In such cases, grades will be posted by the last 4 digits of the student’s Social Security number.

**Q. Completion of Work**

All projects will be graded on the basis of work submitted on, or before, the assigned due date. An incomplete project is unacceptable and will adversely affect the final grade. Design studio syllabi will indicate more specific policies on incompleteness at a given year level.

**R. Thesis**

Thesis projects are bound with hardcover and housed in the S/ARC Library, the Jackson Center Library, and the Mitchell Memorial Library. They are the student’s enduring legacy at the School and represent a continuing, permanent record of the individual’s and the school’s accomplishments.

Each student must submit four copies (one of them bound) of the thesis program and solution to be eligible for graduation. The precise specifications are outlined during the fifth-year.

**S. IDP and Registration**

To become a registered or licensed architect, practice architecture, and call yourself an architect an individual must:
• Obtain a professional degree from an NAAB accredited architecture program;
• Complete a minimum three-year structured internship (IDP) under the supervision of a registered architect; and
• Pass the Architectural Registration Exam (ARE).

Before graduation, credit towards one year of internship may be earned after the completion of the third-year. Students can participate in an IDP (Internship Development Program) orientation session each year at Career Day. Students are given the opportunity to establish an IDP Record and are encouraged to start an NCARB (National Council of Architectural Registration Boards) record at the appropriate time.

**T. Practice, Ethics, and Liability**

Architecture students are often approached by relatives, friends, or others to perform architectural services. Students must be very careful when they do any architectural work without the active supervision of a registered architect. Be very explicit in informing the person that you are a student - not an architect - and that you are neither competent nor legally or ethically permitted to do the work of an architect.

If anything goes wrong with a project (from a leaking roof to personal injury because the design did not respond properly to egress requirements) you are legally and financially liable. You are liable even if the person tells you - or they put it in writing - that they would never sue you. A third party could be injured by your work and your client cannot waive that person's right to legal recourse.

Every year when you fill out your NCARB (National Council of Architectural Accrediting Boards) annual report, you are asked whether you have practiced architecture without a license. If the answer is “yes,” you may be denied a license.

**U. Additional University Procedures**

For further information regarding university procedures, requirements, and regulations, consult the current issue of the *MSU Bulletin* or the MSU web page at [www.msstate.edu/dept/stulife](http://www.msstate.edu/dept/stulife).

**VI. Giles Hall**

**A. Description**

Giles Hall has evolved from a structure used as a livestock-judging pavilion and a motor pool to a space that complements and fosters creative endeavors. The original structure houses classrooms, design studios, offices, IT plotting and support and the Educational Design Institute (EDI).

The 50,000 square-foot addition has three levels that contain a gallery, a 200-seat auditorium, administrative and faculty offices, the School of Architecture library and slide room, a jury room, seminar rooms, design studio and review space, the Carl Small Town Center (CSTC), the Design Research and Informatics Lab (DRIL), woodworking shop and archives. An outdoor theater that seats 150 is also available for lectures and programs.

**B. Operating Procedures**

1. The SARC building is open 24 hours a day during the fall, spring, and summer terms. After 5 p.m., the studio doors in the original building are operated by an I.D. card-reader coded for architecture students only. It is important that students observe this security policy in order to assure the safety of personnel and property. Also, starting 30 minutes after the library closes, limited access to the building is provided to those students enrolled in design studios through a card reader security system.
2. Specialized facilities such as the computer lab and woodworking shop are available to authorized students during posted hours of operation, or by special arrangements. The shop should never be used without proper training and supervision.

3. Neither the School of Architecture nor Mississippi State University has an insurance program to cover the cost of theft that may occur in conjunction with the SARC program. Therefore, each student is responsible for maintaining and protecting his/her own property and should seek to protect the property of others. Any theft of property should be reported immediately to the office and a police report filed.

4. The multilevel spaces in the building create visual excitement and enhance the learning environment. At the same time, multilevel spaces present the potential for bodily harm if not used as intended. Students are expected to act as mature individuals and to refrain from behavior that might result in injury to themselves or others, or damage to the building.

5. Each student in the design studio will be assigned a desk and will then be responsible for maintaining the equipment and surrounding areas. The studio must be kept in an orderly professional manner, with clear access through them at all times. Plants and other such personalization of spaces are welcomed. Students are expected to show respect for their immediate environment by cleaning up after themselves and refraining from littering in the common spaces and on the building grounds.

6. Sound equipment with speakers is not allowed in the studio. Headphones must be worn for all sound equipment (including TVs) at all times. Misused equipment will be confiscated.

7. The use of cellular telephones during any class time is prohibited. Students who bring their cell phones into the design studio area outside of class time must keep the phones in a silent or vibrate mode and must exit the studio area to take or make phone calls. This policy will be enforced in order to protect the interests of all students. Violators will have their cell phones confiscated.

8. Students may build models and work on other projects in the carpeted areas of the building. However, if this material is not removed by 7:00 a.m. each morning, it is subject to being thrown away. Students are prohibited from using any type of aerosol, including spray paint, in the building. Using spray paint on the grass and exterior walkways is also prohibited.

9. Students may use corridor wall areas as pin-up space only when directed by the studio faculty. However, if this material is not removed by 7:00 a.m. each morning, it is subject to being thrown away. The glazed greenhouse section adjacent to the library may never be used for pinup space. When using public space for pinning up and discussing work, it is the student's responsibility to clean all surfaces of tape residue.

10. Students are not permitted to bring animals inside the building, and may not leave animals on leashes outside the building.

11. Students are not permitted to bring bicycles or motorcycles inside the building. Students should park bicycles and motorcycles only in designated areas. Bicycles found inside the building will be confiscated.

12. Cigarettes or other tobacco products are not permitted in the building at any time.

13. No alcoholic beverages are permitted in the building at any time.

14. Any student involved in criminal behavior may be subject to prosecution by civil authorities.
15. At the end of the fall semester, all projects and equipment must be placed in - or on top of - the desks to allow for floor cleaning. At the end of the spring semester, all projects and equipment must be removed from the studios, hallways, and the Gallery by the last day of final exams. Equipment and projects left behind will be thrown away.

16. Any maintenance problems should be immediately reported to the administrative offices so that a work order can be prepared.

17. Fire extinguishers and first-aid kits are located in various parts of the building. Students should familiarize themselves with the locations. The extinguishers are to be used only in case of emergency.

18. All trash collected in the building shall be placed in the dumpster on the loading dock, or in bags at locations designated by the faculty.

19. A 6"-0" egress path must be maintained at all times along the south wall of the barn ground floor studio. A 5'-0" egress path must be maintained at all times along the north wall of the barn ground floor studio at the glazed greenhouse section of the library. A 4'-0" egress path must be maintained at all times in all other studio spaces in the building. Any projects, equipment, or furniture found blocking these paths will be discarded.

C. Shop Operation
The School of Architecture has a well-equipped shop for student use in developing projects for class assignments. The shop supervisor has established a set of rules for the safe and effective operation of the shop. These rules of operation are based upon the following concerns: 1) the safety of all those using the shop; 2) the care and maintenance of the tools and equipment; and 3) the development of a “craft culture.”

The failure to comply with the procedures listed below will result in the loss of shop privileges.

1. Never use the shop when a supervisor is not present.

2. An orientation session, during which the safe operation of the major pieces of equipment is demonstrated, is given to all entering students. Do not use any piece of equipment unless you have been trained to use it. Do not use any piece of equipment that you do not feel confident using. If you have work to do that you believe to be beyond your capabilities, wait until the shop supervisor can help you.

3. Students are required to own and use protective eye wear whenever operating power equipment.

4. It is the student's responsibility to clean up all debris generated by projects, to leave the shop in a safe and useful condition for the next student, and to return all tools in their proper places.

5. Shop procedures:
   • Check-in with the shop supervisor upon entering the shop and present your MSU I.D. card.
   • Observe all posted warnings while using the shop; be aware of where other people are working, making sure not to endanger them or be endangered by them.
   • Clean up debris and put tools away when finished with work. Check-out with the shop supervisor and return any borrowed tools in exchange for your I.D. card. If you do not check-out properly, your I.D. will be turned in to the main office and you will not be permitted to use the shop again until you have retrieved your card.
VII. Honors, Recognition, Awards, and Scholarship

A. The University Honors Program
The School of Architecture actively encourages qualified students to participate in the University Honors Program designed to enhance the academic experience of outstanding students. Honors courses substitute for regular courses, employ smaller sections taught by selected faculty, and focus on individual instruction. The Honors Forum is a one-credit-hour course composed of presentations by diplomats, musicians, international visitors, artists, computer specialists, writers, scientists, and other scholars and professionals. Participants in the University Honors Program may compete for University Honors Program Scholarships and benefit from other Honors activities. Each student determines his/her degree of personal participation in the University Honors Program. He/she may take a single course or pursue any one of several distinctions, all of which are identified on all academic records.

Phase I: By taking twelve hours of honors coursework and two forums, a student may earn this certification.

Phase II: By taking two honors seminars and completing the honors requirements of a major field, a student may earn the distinction and be identified as a University Honors Scholar on both transcript and Diploma.

In the School of Architecture, the architectural design studio in years one and two may be taken for honors credit. To apply for honors credit, an entering (freshman) student should have a minimum composite ACT of 25 and/or an outstanding academic record. An upper level or transfer student must have a 3.4 grade-point average.

B. Phi Kappa Phi
Phi Kappa Phi is the university-wide honor society. Initiates are limited to third-year students in the upper 5% of their class and fourth-year and graduate students in the upper 10% of their class.

C. Tau Sigma Delta
Tau Sigma Delta is the honor society of Architecture and Allied Arts. Student initiates must be enrolled in the third-year design studio or above, have a minimum MSU GPA of 3.00, and be in the upper 20% of their class.

D. President's and Dean's Scholars
President and Dean’s scholars are recognized each year on the basis of fall semester grades. President’s Scholars are those students who achieve a 3.80 grade point or above; Dean’s Scholars are those who achieve a 3.50 grade-point average or above.

E. Graduating Distinctions
Students maintaining exceptional grade-point averages are recognized at graduation with the following distinctions: Summa Cum Laude: 3.80; Magna Cum laude: 3.60; and Cum Laude: 3.40. Students who successfully complete the University Honors Program graduate “With Honors”.

F. University Scholarships
In its commitment to recognize outstanding students whose academic credentials confirm their potential for success, Mississippi State University offers numerous scholarships to students at all year levels. In addition to applying for a variety of privately funded scholarships, entering freshmen are particularly encouraged to apply for University Academic Scholarships. These scholarships are awarded to students with outstanding ACT scores, and to National Merit and National Achievement semifinalists and finalists. In order to maintain the scholarship, students must keep their cumulative GPA above a 3.00. For more
information on university scholarships and memorials, contact the University's Office of Admissions and Scholarships by phone at 662. 325.2224 or visit the web site at www.admissions.msstate.edu.

G. School of Architecture Scholarships
Each year, the School of Architecture makes a special effort to recognize student achievement through scholarships, competitions, and annual awards. These monetary awards are made possible by friends and alumni of the School, as well as by building and industry suppliers, and are awarded on the basis of demonstrated design excellence and financial need. The following are scholarships offered at each year level along with criteria for selection.

<table>
<thead>
<tr>
<th>SCHOLARSHIP</th>
<th>AMOUNT</th>
<th>CRITERIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIA/AAF Minority/Disadvantaged Scholarship</td>
<td>Varies</td>
<td>Only students entering an accredited, professional degree program leading to a Bachelor or Master of Architecture are eligible for this scholarship. Nominees should currently be high school seniors or college freshmen. Eligibility is also extended to students attending a community college or a technical school who plan to transfer to a NAAB-accredited program. Students who have completed one or more years of a standard university curriculum are not eligible to apply.</td>
</tr>
<tr>
<td>AIA/AAF Scholarship Program for Professional Degree Candidates</td>
<td>Combination of funds from the American Institute of Architects and the American Architectural Foundation</td>
<td>Assists students in one of the final two years of a professional degree program in architecture; students must be either in the third- or fourth-year of a five-year program leading to a bachelor of architecture or equivalent, or, in the second or third year of a three- to four-year program leading to a master of architecture and whose undergraduate degree is in a discipline other than architecture.</td>
</tr>
<tr>
<td>T. Steven Davis Annual Scholarship</td>
<td>$1,000</td>
<td>Applicants must be full-time students at Mississippi State University, entering students in the first-year design studio in the School of Architecture; residents of Mississippi; African-American; and can demonstrate financial need.</td>
</tr>
<tr>
<td>Fred Carl, Sr. Memorial Scholarship</td>
<td>$3,000</td>
<td>Applicants must be full-time students at Mississippi State University, entering students in the first-year design studio in the School of Architecture; residents of Mississippi; have achieved a minimum composite ACT score of 28 (or SAT equivalent), and can demonstrate financial need.</td>
</tr>
<tr>
<td>Fulcher–Bailey Annual Scholarship</td>
<td>$1,000</td>
<td>Applicants must be entering the first-year design studio in the School of Architecture; residents of Mississippi; and can demonstrate financial need.</td>
</tr>
<tr>
<td>Charles H. Dean Jr. Annual Memorial Scholarship</td>
<td>$1,000</td>
<td>Any students in their third–through fifth-year of design studio may apply. Applicants must be full-time students at Mississippi State University; have completed their second–year of design studio in the School of Architecture; residents of Mississippi; and can demonstrate financial need.</td>
</tr>
<tr>
<td>Ferretti/Karnstedt Annual Scholarship</td>
<td>$2,000</td>
<td>Applicants must be enrolled as full-time students in the School of Architecture at Mississippi State University; have a minimum 3.00 overall grade point average; be of good moral character; and have demonstrated leadership ability.</td>
</tr>
<tr>
<td>Hollomon Architects Scholarship</td>
<td>$1,000</td>
<td>Students must be entering their third-year of academic work in the School of Architecture; residents of Mississippi; and can demonstrate financial need.</td>
</tr>
<tr>
<td>Matt L. Virden III Memorial Scholarship</td>
<td>$1,000</td>
<td>Students must be entering the third-year (or higher) of design studio in the School of Architecture; have a minimum 2.80 overall grade point average; be of good moral character; have demonstrated leadership; can demonstrate financial need; and be a resident of one of the following Mississippi Delta counties: Bolivar, Carroll, Coahoma, Desoto, Holmes, Humphreys, Issaquena, Leflore, Panola, Quitman, Sharkey, Sunflower, Tallahatchie, Tate, Tunica, Warren, Washington, Yazoo.</td>
</tr>
<tr>
<td>Pryor &amp; Morrow Annual Scholarship</td>
<td>$500</td>
<td>Any students in their second–through fifth-year of design studio may apply; are full-time students at Mississippi State University; have completed their first–year design studio in the School of Architecture; are residents of Mississippi; and can demonstrate financial need.</td>
</tr>
<tr>
<td>Studio South Architects Annual Scholarship</td>
<td>$1,500</td>
<td>Candidates must be enrolled as a full-time student at Mississippi State University; will be a student in the fifth–year design studio in the School of Architecture; and can demonstrate financial need.</td>
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<tr>
<td>Scholarship Name</td>
<td>Amount</td>
<td>Eligibility</td>
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<td>----------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Stephanie Mihojevich Pizzetta Annual Scholarship</td>
<td>$1,000</td>
<td>Candidates must be full-time students at Mississippi State University; have completed their second-year of design studio in the School of Architecture; have a minimum grade point average of 3.0; and can demonstrate financial need.</td>
</tr>
<tr>
<td>Mockbee Hall &amp; Drake Scholarship</td>
<td>$2,000</td>
<td>Applicants must be entering the fifth-year design studio in the School of Architecture; have a minimum grade point average of 3.0; be of good moral character; and have demonstrated leadership ability.</td>
</tr>
<tr>
<td>National Organization of Minority Architecture Students (NOMAS) Scholarship</td>
<td>$500</td>
<td>Applicants must be enrolled as full-time students in the School of Architecture at Mississippi State University; entering the second-year of the design studio in the College of Architecture; have a minimum overall grade point average of 2.0; be of good moral character; can demonstrate financial need; and be of a social group underrepresented in the field of Architecture.</td>
</tr>
<tr>
<td>Creig B. Hoskins—Giattina Fisher Aycock Architects Scholarship</td>
<td>$1,000</td>
<td>Applicants must be entering the first-year design studio in the School of Architecture; be a resident of one of the following Mississippi counties: Bolivar, Calhoun, Carroll, Coahoma, Grenada, Humphreys, Leflore, Montgomery, Panola, Quitman, Sunflower, Tallahatchie, Washington, Yalobusha; and can demonstrate financial need.</td>
</tr>
<tr>
<td>Johnson–McAdams Design Discovery Camp Scholarships</td>
<td>$500 (includes a non-refundable filing fee of $100)</td>
<td>Eligible high school students should contact the School of Architecture to request a scholarship application; applicants must be from Leflore County, Mississippi; be 16 years of age or older; and be genuinely interested in a career in architecture and related disciplines. This scholarship funds students to attend this eight-day summer workshop. Each scholarship will pay for all costs (except for one meal) of the selected participants' meals, lodging, and supplies.</td>
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**H. School of Architecture Awards**

Each year the School of Architecture presents a number of awards. The recipients are selected in the spring, and the awards are presented at the Spring Recognition Day Ceremony.

- **The First-Year Faculty Award** is a book award presented by the first-year faculty to a first-year student on the basis of design excellence.
- **The Second-Year Faculty Award** is a book award presented by the second-year faculty to a second-year student on the basis of design excellence.
- **The Tau Sigma Delta Freshman Design Award** is presented to the first-year design student who has exhibited the greatest excellence in design.
- **The Architectural Foundation of Mississippi Award** for excellence in design is a $1,000 award presented to a student completing his/her second year. The second-year faculty selects the recipient.
- **The Mississippi/Louisiana Brick Manufacturers Association Award** of $2,000 is presented to a student completing the fourth-year, and is chosen on the basis of academic standing and financial need. The recipient is selected in a process that includes a) nominations by the faculty, b) review and recommendation by three faculty members and c) final review and approval by the dean.
- **The Tau Sigma Delta Charles Calvo Digital Media Award** is a book award established in the fall of 2000 in honor of Charles Calvo and his contribution in the field of digital media in architecture. This award goes to a fourth-year student who, like Charles, has displayed exceptional knowledge and skill in digital media, and has continually educated other students in this field. A copy of the book given to the award winner is also given to the library in honor of Charles Calvo.
- **The NOMAS Diversity Achievement Award** is presented by the membership of the National Organization of Minority Architecture Students - after soliciting nominations from studio faculty and NOMAS members - to the design student who best exhibits the knowledge that diversity working together in a mutually supportive community atmosphere is a necessary ingredient of personal achievement.
• The **ARCC/King Award** is named in honor of the late Jonathan King, co-founder and first president of the Architectural Research Centers Consortium (ARCC). This award is presented to one student per ARCC member school. Selection of the recipient is based upon criteria that acknowledge innovation, integrity and scholarship in architectural- and/or environmental-design research.

• The **Academic Achievement Award** is a book award presented to the graduating fifth-year student who has the highest cumulative MSU GPA.

• The **Jurists Award** is a book award presented by the fifth-year faculty to an outstanding, graduating fifth-year student.

• The **Tau Sigma Delta Bronze Medal** is presented by the third- and fourth-year student membership of the society to a graduating fifth-year student who, in his/her thesis project, has most significantly expanded the class’s insight and awareness of architecture.

• The **Tau Sigma Delta Silver Medal** is presented to an architect who has made outstanding contributions to the profession of architecture in Mississippi and to the advancement of Mississippi’s architectural environment. The alumni members of Tau Sigma Delta choose the recipient.

• The **Tau Sigma Delta Faculty Book Award** is presented by student members to a faculty member who has inspired them to excellence.

• The **Allen and Hoshall Faculty Award** is a $500 annual award supported by the Jackson architectural firm of Allen and Hoshall and is presented to a faculty member “who has demonstrated excellence in teaching.” The fifth-year class makes the selection.

• The **Alpha Rho Chi Medal** is awarded to the graduating fifth-year student who has shown the greatest ability for leadership, performed willing service for the school and gives promise of professional excellence through attitude and personality. The entire faculty chooses the recipient.

• The **Henry Adams Medal and the Henry Adams Certificate** are sponsored by the American Institute of Architects and are considered the most important awards given to graduating students. They are awarded for “general excellence in architecture” throughout the course of study. The entire faculty makes the selection.

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I. **Design Excellence Awards**

Several monetary and merit awards are presented each year to students exhibiting design excellence in the studio.

Annually funded awards include:

- **Pella Traveling Fellowship** (fourth-year, $2000)
- **Mississippi Concrete Industries Association competition** (third-year, $750)
- **Boral Brick Design Award** (third-year, $500)
- **Mississippi Lumber Manufacturers’ Association Award** ($1000)
- **TrimJoist Traveling Fellowships** ($2800, $1600, $300)
- **Creative Windows & Doors/Marvin Windows 5th Year Design Awards** ($2500, $1500)
- The School administers additional design competitions as opportunities arise. Students may also enter competitions sponsored by the American Institute of Architecture Students, the American Institute of Architects, the National Institute of Architectural Education, and others.

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VIII. **Student Organizations**

In addition to the organizations and activities open to students campus-wide, the following S/ARC activities and organizations are available:
A. The American Institute of Architecture Students
American Institute of Architecture Students (AIAS) is the student counterpart of the American Institute of Architects (AIA). The S/ARC chapter sponsors many professional, social and educational events throughout the year.

Many members of the S/ARC AIAS chapter have held national office. The S/ARC chapter also works closely with professional architects in the state through the Mississippi Chapter of the American Institute of Architects. Students belonging to AIAS are encouraged to attend the annual national AIAS forum. All students are invited and encouraged to become active participants. Officer elections are held in the spring of each year.

B. The Student Dean's Council
The Dean’s Council consists of two students from each of the first four years of architectural study and one student from the school's graduate program. The students are elected by their peers. This group acts as a liaison between the student body and the administration. It meets monthly with the Dean and the Associate Dean.

C. Tau Sigma Delta
Tau Sigma Delta is the architectural honor society open to top academic students in the third-, fourth-, and fifth-years. Tau Sigma Delta’s activities include the organization of Friday Forum (see “Events” below) and the presentation of awards to students, faculty and practicing architects.

D. The National Organization of Minority Architecture Students (NOMAS)
NOMAS seeks to enhance the educational experience of its members and to foster diversity within the School of Architecture and the community at-large.

IX. Events

The effective education of an architect requires more than a good curriculum. Therefore, the S/ARC offers activities that take advantage of its small-town setting, and offers students stimulating “urban” experiences.

A. Lecture Series
The visiting lecture series, supported by Robert V. M. Harrison, FAIA, FCSI and Freda Wallace Harrison, brings outstanding architects, artists, educators, environmentalists, historians, urban designers, and others to the campus to share their work with students and faculty. Lectures are generally held during design studios to allow for full participation by the student body.

B. Exhibits
Gallery exhibitions include work of students, architects and other visual artists. A “mini-gallery” in the S/ARC main office also provides a changing display of artwork.

C. Arts in the Architecture Building
Musical performances, films, and special lectures and presentations in the auditorium make a significant contribution to the students’ appreciation of the arts. Departments outside architecture are encouraged to make use of the school’s facilities.

D. Friday Forum
On Fridays at noon a visitor, faculty member, or student makes an informal presentation on a topic of interest. The guests are sponsored and chosen by Tau Sigma Delta, which also provides lunch.
E. Summer Design Discovery
Each summer in mid-June, a one-week Summer Design Discovery program is offered by the School of Architecture to incoming freshmen and high school students age 16 or above. This event is organized and managed by faculty with student assistants. The program provides an excellent preview of the program, as well as the life of MSU architecture students.

F. Recognition Day
At the end of the spring semester, faculty, students, parents, and friends of the school gather to recognize graduates and present scholarships and design excellence awards. Distinguished alumni, architects, educators, or politicians are also invited to recognize the graduating class.

X. Carl Small Town Center (CSTC)
The Carl Small Town Center is the research and public service unit housed in the School of Architecture since 1979. Faculty member Kimberly Brown, AIA directs the CSTC. Through the Center, the school has formalized its commitment to the Mississippi small town. Through interdisciplinary activities it initiates theoretical and applied research; provides an arena for teaching, learning and designing with an emphasis on town planning and design; serves as a national forum for gathering, storing, disseminating, and applying information to small town issues; and provides services to towns in Mississippi. Funding is provided by grants and contracts, HUD, the Mississippi State Legislature, the MSU Extension Center Service, private donors, and cooperative agreements from and with the University, state and federal agencies, as well as the private sector.

XI. Design Research and Informatics Lab (DRIL)
The Design Research and Informatics Lab (DRIL) is a research and teaching laboratory for the innovative use of technology. The DRIL was established in 1995 and is directed by Dr. Larry Barrow. The mission of the DRIL is to further the body of knowledge in the field of architecture and related fields for the student, academy, practitioner and society. Problems and pertinent issues are studied in the following emphasis areas:

- Computer Visualization: Representation and Simulation
- Virtual Architecture: Web Design, Digital Places and Spaces
- Information Technology
- Digital Design: Intuitive/creative and rational/performance based
- CADCAM (Computer-Aided Design/Computer-Aided Manufacturing)

Design innovation and information-process strategies that challenge traditional paper-based processes through interdisciplinary teaching, projects and research are explored. The DRIL has been instrumental in visualizing and representing major Mississippi projects in the areas of historic preservation, small-town planning, campus planning, macro-urban planning, as well as private-sector economic development. Recent work includes research in the area of the Digital Divide in Mississippi and rural communities. The DRIL is committed to assisting the student, the practitioner and society through the progressive and innovative use of technology. Funding is provided by grants, contracts, cooperative agreements with fellow MSU research units and the private sector.
XII. Educational Design Institute (EDI)

The Educational Design Institute (EDI) is a collaborative initiative between the College of Education and the School of Architecture. EDI is charged with rethinking how schools might envision, plan, design, manage, and use their educational facilities. To achieve the goals of establishing EDI as both a collaborative partner for educational facility planning and a leader in educational design innovation in the South, the Institute pursues collaborative projects and initiatives with local School Districts, the Mississippi Department of Education and private foundations.

XIII. Mississippi Gulf Coast Community Design Studio (MGCCDS)

In response to the devastation from Hurricanes Katrina and Rita, the Mississippi Gulf Coast Community Design Studio (MGCCDS) was formed. With headquarters in East Biloxi, the MGCCDS provides planning and architectural design services to individuals, community groups, and organizations residing on the Gulf Coast. The studio also serves as a clearinghouse for national organizations such as Habitat for Humanity, Helping Hands, and Architecture for Humanity.

XIV. Academic Advising Guidelines

Goals
1. To provide students with the most fruitful academic experience while enrolled in the School of Architecture.
2. Provide students with more personal guidance throughout their academic career.

Students
The reason for establishing the faculty advising system is to provide each student with a faculty member with whom you may discuss personal strategy for your academic careers. The faculty is not there to simply sign off on the Registration forms.

1. You should take an active interest in your academic career. Continually think about what you desire from your academic career – what do you want to learn; will courses in architecture provide you with everything that you need to satisfy this objective, or are there other courses on campus in which you need to enroll?
   a. Prepare a plan for your academic career. Write it out in the form of a proposal along with courses that you believe satisfy this plan.
   
   b. Send this plan to your advisor ahead of your pre-registration meeting so he/she is aware of your intentions.

   c. This plan should respond to desires and needs; therefore, it is mutable.

2. Do not assume that the prescribed curriculum precisely outlines all of the courses and schedule of your academic career. You should as early in your academic career develop a strategy for your electives, or for a concentration in another discipline, or whether you want to co op after third or fourth year, or attend one of the overseas programs.

3. You should make all necessary appointments with your faculty advisor. Come to the meeting with a plan not only concerning the upcoming semester but about your future in the program. Be prepared to discuss.
4. You should bring all necessary material, paperwork, or forms to pre-registration meetings with your faculty advisor. *It is the faculty member’s responsibility to discuss the strategy with you, not define it for you. It is your responsibility to guarantee complete accuracy of your schedule and compliance with all university regulations regarding both registration and financial aid.*

**Faculty**

1. Only full-time tenured and tenure-track faculty will serve as student advisors; therefore, the number of students assigned to a faculty member will depend on the number of full-time faculty and number of students enrolled any given semester. It is expected that each faculty member will advise approximately 20-25 students each year.

2. Each faculty member will be assigned a proportional number of students from each of the first four years, except Jackson faculty who will be responsible for the fifth-year class.

3. Each faculty member will be responsible for advising their students before and during all registration periods, attending all design reviews when possible, responding to faculty concerns on particular student’s problems, having the student’s file on hand when advising, meeting with students to discuss their academic careers, which may include everything from choosing academic interests outside of architecture, to choosing approved electives, to whether or when a student should co-op, and whether a student should remain in architecture.

4. Stay in contact with students who are co-oping, ease the transition both into co-oping and back into school environment.

5. Contact the Director or staff if significant problems or questions arise.

6. Confirm all information that a student gives you regarding course work, transcripts, and procedures with Lessa, the Director, or appropriate MSU department.

**General Requirements**

1. All students must successfully complete the University Core, which for architecture students entails Eng Comp 1 + 2, Physics 1 + 2, Passives, 6 hours of Social + Behavioral Science, 3 hours Fine Arts, 6 Humanities (Arch History 1 + 2), JR/SR writing (Arch Theory), and Business Calculus.

2. All first-year students must successfully complete all of the prescribed first-year courses before they are admitted into the second year design studio.

3. Insure that a student has successfully completed all prerequisites before admitting him/her into a course. Err on the side of satisfying a prerequisite over consent of instructor.
   a. Our technology sequence, Passives, Materials, Assemblages, and Actives must be taken in this order.
   
   b. Our History/Theory sequence, History 1, 2, 3, and Architectural Theory must be taken in this order, unless a person is in his/her spring semester of fourth year and then History 3 and Arch Theory may be taken concurrently.

4. There is an easing in to the architectural courses, during their first year only one course per semester, while in second year two to three courses, and in third through fifth year a full contingency. Students may require advice on how to cope with the increased number of required courses within their major.
5. All fourth-year students must successfully complete all of the prescribed courses before they are allowed admittance into the fifth year. Pay particular attention to University Core and Approved Electives.

6. To receive the Bachelor of Architecture degree, students need a total of 152 credit hours.

**Pre-registration Meetings and Registration Week**

For Spring Semester courses, pre-registration conferences with students will generally occur during the last week in October and the first week in November. Registration for classes will occur during the first week in November.

For Summer and Fall Semester courses, pre-registration conferences with students will generally occur during the last week in March and first week in April. Registration for classes will occur during the first week in April.

**Practical Information for Registration**

At the beginning of each advising, or pre-registration, period, Lessa will distribute to each faculty a photocopy of each of your students a Grade Checklist Sheet. (A copy of this sheet is attached.) On the sheet you will see what courses the student has completed and the respective grades for each course. This information along with any other insights from conversations with students should be used to advise them not only for upcoming semester’s courses but about their academic career.

At each registration period, students will receive a blue sheet, which contains personal information and their registration access code or RAC number. They need the RAC number to register.

They will also receive a Registration Work sheet, which is the one with both a white and a yellow sheet. It has text at the top and matrix used to complete their course schedule. Both you and the student are to sign this sheet. Do not sign the sheet until the student has completed the form. Take the yellow sheet to Lessa at the front office so the sheet can be placed in the student’s file.

Lessa will not distribute students’ academic files. She will make photocopies of portions of files for faculty members.

**Academic Probation and Financial Aid Issues**

A student with a GPA below 2.00 MSU GPA will automatically be placed on academic probation, and will not be allowed to enroll in architectural design studios. If you or student has questions, contact Director.

A student receiving financial aid with less than a 2.00 MSU GPA may only apply courses taken at MSU to raise his/her GPA. If you or a student has questions, you should contact Admissions and Financial Aid office – Gail Henderson 325-7428.

**SARC “Double – D” Policy**

A student receiving a “D” in two sequential design studios be it fall then spring of the same year level or spring then fall of different year levels, must repeat both design studios. If the student chooses to repeat the studios, he/she must receive at least a “C” in both studios to proceed in the design curriculum.

The advisor will be notified if one of his/her students receives the double D’s. A meeting with the student should be arranged to discuss the causes for the poor grades and options, including whether the student should remain in architecture.
Procedure for Add/Drop
Student meets with instructor of class to inform him/her that they intend to add or drop the class. Student obtains the signatures in this order:
   a. Instructor
   b. Advisor (If faculty member is advisor sign at both locations)
   c. Dean

Deadlines
All university deadlines for registration, adding and dropping courses, withdrawing (from a class or the university), or any other procedure must be honored. Students will not be allowed to process these requests after these dates have passed. These dates are posted in the University Bulletin and found on the MSU website.

Entering and Pre-ARC Students
The Director and staff will advise entering students and Pre-Arc students on particular course requirements.

Office Hours
Faculty members will provide Lessa and other members of the front office with office hours for regular weeks and extended hours during pre-registration week.

Correspondence with Net ID
The University assigned Net ID, example dcl1@caad.msstate.edu, is an official means of correspondence. Please check your email daily.

First Year: “Getting to Know the Student; introducing them to the University; and defining professionalism.”
It is an opportunity for the faculty member to have discussions with students on their particular academic interests, what it means to be an architect, as well as address the specific course requirements.

Once admitted into the design sequence, students must maintain a 2.0 MSU GPA to remain in the design sequence. If a Fall Semester first year student fails to achieve the 2.0 GPA; he/she can not be admitted into the Spring Semester. It will be up to the discretion of the Director and Admissions Committee to determine whether he/she will be admitted into the second summer session design studio.

Spring Semester First Year Courses
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<thead>
<tr>
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<td>* See approved elective list University Core</td>
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</table>

*** ART 1223 Freehand Drawing II           | (Required if student received a “C” or below in ART 1213) |

Second Year: “Establishing their Academic Interests”
It is the first year that a student may enroll in electives, other than core electives. Speak with them about their academic interests outside of architecture. Students may want to pursue a minor in another subject, or take a
sequence of courses, or simply want a broad range of classes. We opened up our curriculum to allow this opportunity for students to enroll in courses across the campus.

Many Fall Semester and even Spring Semester students question whether they want to remain in architecture. Some feel they have made a significant commitment; therefore, feel obligated to stay in the program. This issue is exacerbated by the impending purchase of a laptop computer. During the Fall Semester make appointments with students whose grades are marginal, especially in the design studio.

**Fall Semester Second Year Courses**

- ARC 2536 Architectural Design II-A ................. 6
- ARC 2713 Passive Building Systems ................. 3
- Fine Arts Elective (Art Appreciation, Art History I or Art History II) ... 3
  (Pre-ARC use ARCH Appreciation)
- Social/Behavioral Science Elective (*) ......................... 3
  * See approved elective list University Core
- Approved Elective (****) ......................... (3)
  15 (or 18)

Spring semester second year is a significant threshold semester, both fiscally and academically. This semester they are required to have purchased the laptop computers, which may play a more important role in their decision to remain in architecture than the subject matter. Academically, it is the first semester that they take an architectural history course as well as one in technology. Issues with balancing these courses and design studio may arise.

**Spring Semester Second Year**

- ARC 2546 Architectural Design II-B ............ 6
- ARC 2313 History of Architecture I ............ 3
- ARC 2723 Materials .................................. 3
- MA 1613 Business Calculus ......................... 3
- Approved Elective (****) ......................... (3)
  15 (or 18)

**Third Year: “Coping with the Heavy Work Load; how to balance fundamental design skills with the expansive body of knowledge”**

Third year marks a significant transition point in their academic careers. It is the first year when all of their classes are required architecture courses and the content of lecture courses is expected by faculty to be assimilated into the design studio. In the design studio, we expect students not only to retain fundamental design principles but to express them in more architectural conditions. It is the year level that requires the greatest course load.

After completing their third year, students may enroll in the co-op program, which allows them to remain full-time students regarding scholarships and insurance, yet work for a licensed architect for as much as fifteen months.

Discuss with students the two foreign exchange programs in Plymouth, UK and Delft, NE as well as the Alexandria, VA Center.

**Fall Semester Third Year**

- ARC 3536 Architectural Design III-A ............. 6
- ARC 3313 History of Architecture II .......... 3
- ARC 3713 Assemblages .............................. 3
- ARC 3904 Structures I (w/Lab) .................. 4
- Approved Elective (****) ......................... (3)
  16 (or 19)
**Spring Semester Third Year**

- ARC 3546 Architectural Design III-B ............... 6
- ARC 3323 History of Architecture III ............. 3
- ARC 3723 Active Building Systems ................. 3
- ARC 3914 Structures II (w/Lab) .................... 4

*Approved Elective (****) ............................. (3)*

TOTAL: 16 (or 19)

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**Fourth Year: Establishing Independent Thinking, or Not Forgetting Imagination**

Even though students conceive of their fourth year as the final year in Starkville, you should insure that all course requirements have been fulfilled before moving to Jackson. Of particular concern is satisfying the approved electives; each student should have taken a minimum of three electives. This number may increase substantially if a student chooses to pursue a minor or concentration in another subject area.

By fourth year registration for classes will take a back seat to more scholarly concerns; therefore, advising should address a student’s ability or problems with independent, critical thinking. Many students recounted how third and fourth year did not provide them with opportunities for creative expression; they strove to solve the cornucopia of technical, formal, and experiential problems. Even though this issue should be addressed in the design studios, advisors could assist students.

Discuss with students the relative merits of continuing onto fifth year versus co-oping for a year.

**Fall Semester Fourth Year**

- ARC 4536 Architectural Design IV-A .................. 6
- ARC 4733 Site Planning for Architects .............. 3

*Approved Elective (****) ............................. 3*

*Approved Elective (****) ............................. 3*

TOTAL: 12 (or 15)

**Spring Semester Fourth Year**

- ARC 4546 Architectural Design IV-B ................. 6
- ARC 4313 Architectural Theory ...................... 3

*Approved Elective (****) ............................. 3*

TOTAL: 12

---

**Fifth Year: Make sure the Door stays open**

Discuss what it means to be a professional architect today. Insure that each student fulfills their academic obligations. Further promote independent, critical thinking. Discuss with them how they can integrate their minors or concentrations within their fifth-year inquiries. Work with students interested in pursuing graduate education.

**Fall Semester Fifth Year**

- ARC 5576 Architectural Design V-A ................. 6
- ARC 5353 Philosophy of Architecture ............... 3
- ARC 5443 Thesis Programming ........................ 3
- ARC 5623 Theory of Urban Design .................... 3

TOTAL: 15

**Spring Semester Fifth Year**

- ARC 5589 Architectural Thesis V-B ................. 9
- ARC 5383 Legal Aspects of Architecture .......... 3
- ARC 5493 Architectural Practice .................... 3

TOTAL: 15
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**CORE REQUIREMENTS**

**ARCHITECTURE PRE-REQS**

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**CONCENTRATION / MINOR**

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**OTHER COURSEWORK**

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First Year

Fall
Once admitted into the design sequence, students must maintain a 2.0 MSU GPA to remain in the design sequence. It will be up to the discretion of the Director and Admissions Committee to determine whether he/she will be admitted into the second summer session design studio.

General Academic Interests and Concerns:

Spring
All first-year students must successfully complete all of the prescribed first-year courses before they are admitted into the second year design studio. Remind them that Fall Semester Second year they are responsible for purchasing a laptop computer; CAAD website has specifications. Speak with them about their academic interests outside of architecture. Many Fall Semester and even Spring Semester students question whether they want to remain in architecture.

Second Year

Fall & Spring
Speak with them about their academic interests outside of architecture. Many Fall Semester and even Spring Semester students question whether they want to remain in architecture.

During the Fall Semester make appointments with students whose grades are marginal, especially in the design studio.

During Spring semester students for the first time will enroll in three core architecture courses

General Academic Interests and Concerns:

Third Year

Fall & Spring
Inform students that all of their classes are required architecture courses and the content of lecture courses is expected to be assimilated into the design studio.

Discuss co-op program and exchange programs.

General Academic Interests and Concerns:

Fourth Year

Fall & Spring
By fourth year registration for classes will take a back seat to more scholarly concerns; therefore, advising should address a student’s ability or problems with independent, critical thinking. Many students recounted how third and fourth year did not provide them with opportunities for creative expression; they strove to solve the cornucopia of technical, formal, and experiential problems. Even though this issue should be addressed in the design studios, advisors could assist students. Discuss with students the relative merits of continuing onto fifth year versus co-oping for a year.

General Academic Interests and Concerns:

All fourth-year students must successfully complete all of the prescribed courses before they are allowed admittance into the fifth year. Pay particular attention to University Core and Approved Electives.

Fifth Year

Fall & Spring
Discuss what it means to be a professional architect today. Insure that each student fulfills their academic obligations. Further promote independent, critical thinking. Discuss with them how they can integrate their minors or concentrations within their fifth-year inquiries. Work with students interested in pursuing graduate education.

General Academic Interests and Concerns:

General comments: (appropriate if student wants letter of recommendation for employment or graduate school)
Appendix A

Larry Barrow, AIA, NCARB
Associate Professor
Director, Graduate Program
Director, Digital Research & Imaging Lab
B. Design, Univ. of Florida, 1979
M. Art in Arch., Univ. of Florida, 1981

Michael A. Berk
Professor
B. Design Arch., University of Florida, 1979
M. Arch., University of Florida, 1982

Kimberly A. Brown, AIA
Assistant Professor
Director, Small Town Center
B. Arch., Mississippi State University, 1994
M. Arch., Yale University, 1999

David J. Buege
Associate Professor
Director, Fifth-Year Program-Jackson
B.S. Arch. Studies, Univ. of WI-Milwaukee, 1976
M. Arch., Princeton University, 1980

Jassen Callender
Assistant Professor
B. Arch., Mississippi State University, 1994
M. F.A., University of Minnesota, 2001

Kathrin Dodds
Assistant Professor
Librarian, Fifth Year Program, Jackson
B. A., University of Texas, Arlington
M.L.S., Texas Woman’s University

Wanda Dye
Visiting Assistant Professor
B. Arch., Auburn, 1994
M.S. ArchDes, Columbia University, 1997

John Garner
Director, Educational Design Institute
B.S., University of Mississippi
M. Ed., University of Mississippi
Ed. Doctorate, University of Southern Mississippi

Thomas Goodman
Lecturer
B. Arch, Auburn, 1974
B.S. Art, Delta State Univ., 1968

Jane Britt Greenwood, AIA
Associate Dean, College of Architecture, Art, and Design
Director of Research, S/ARC
B.S. University of Tennessee, 1974
M. Arch., VPI and State University, 1983

Shilpi Kumar
Visiting Assistant Professor
B. Arch., Birla Institute of Technology, 2000
M. Des., Indian Institute of Technology, 2003

David Lewis, AIA
Interim Director, School of Architecture
B. S., University of Illinois, 1976
M. Arch., Georgia Institute of Technology, 1980
Ph.D., Georgia Institute of Technology, 1994

Anijo P. Mathew
Assistant Professor
B. Arch., Birla Institute of Technology, India, 2000

Rachel McCann
Associate Professor
B. Arch., Mississippi State University, 1980
M. Arch., Georgia Institute of Technology, 1986
M. Phil., University of Cambridge, 1999

Christopher Monson, AIA
Associate Professor
B. Arch., University of Minnesota, 1987
M. Arch., Harvard Grad. School of Design, 1993

Paulin Morin
Assistant Professor
B. A., Univ. of Calgary, 1982
M. Environmental Design, Univ. of Calgary, 1989
Ph.D. History/Theory of Arch., GA Inst. of Tech., 2002

David Perkes
Associate Professor
Director, Mississippi Gulf Coast Community Design Studio
B.S., Utah State University, 1982
M. Arch., University of Utah, 1985
M. Environmental Design, Yale University, 1993

John Poros
Associate Professor
B.A., Columbia College, 1985
M. Arch., Harvard Grad. School of Design, 1990

Greg Watson
Assistant Professor
B.A., Columbia University, 1978
M. Arch., Washington Univ., 1985

James L. West, AIA
Dean, College of Architecture, Art, and Design
B. Interior Design, University of Florida, 1973
B. Arch., University of Florida, 1975
M. Arch., University of Florida, 1979
## Bachelor of Architecture Professional Program

**MA 1313** College Algebra (*)

**MA 1323** College Trigonometry (*)

### FIRST YEAR

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### THIRD YEAR

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<td>ARC 3313</td>
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### FOURTH YEAR

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<td>ARC 4733</td>
<td>Site Planning for Architects</td>
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<td>Approved Elective (***) or Architectural Elective</td>
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### FIFTH YEAR

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<td>ARC 5443</td>
<td>Thesis Programming</td>
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<td>ARC 5623</td>
<td>Theory of Urban Design</td>
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---

* Prospective students with a 24 or higher on the math portion of the ACT are excused from College Algebra. Those with a “B” or better in a full semester of high school trigonometry course may be excused from College Trigonometry. Others should take these courses at MSU or a community college in the summer prior to beginning studies in architecture.

** See “University Core Curriculum Requirement” in the current Mississippi State University Bulletin.

*** This course is required if student receives a grade of “C” or lower in ART 1213 Freehand Drawing I.

**** The School of Architecture curriculum requires a student to take four electives and the Mississippi State University core curriculum requires three electives from the university core. At least one elective in the S/ARC must be an architectural elective. Three are open to selection from the current S/ARC “Approved Electives List” or a course approved by the Associate Dean.

**NOTE:** Once accepted into the Design Studio courses, students are required to maintain at least an MSU 2.00 grade point average to remain in design courses. At the end of the first year, a student must have completed all required courses in order to enter the second year, and at the end of the fourth year, a student must have completed all required courses in order to advance to the fifth year. Any student who receives a grade of “D” or lower for two sequential design courses must repeat both of these courses and receive a grade of “C” or higher in both courses in order to advance in the program, or receive the Bachelor of Architecture degree.
### Bachelor of Architecture Professional Program (Pre-Architecture)

**MA 1313** College Algebra (*)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<td>EN 1103</td>
<td>English Composition I</td>
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</tr>
<tr>
<td>PH 1113</td>
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<td>3</td>
</tr>
<tr>
<td>ART 1213</td>
<td>Freehand Drawing</td>
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**MA 1323** College Trigonometry (*)

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<td>EN 1113</td>
<td>English Composition II</td>
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<td>PH 1123</td>
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<td>Social/Behavioral Science Elective (****)</td>
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</table>

**September, 2005**

* Prospective students with a 24 or higher on the math portion of the ACT are excused from College Algebra. Those with a “B” or better in a full semester of high school trigonometry course may be excused from College Trigonometry. Others should take these courses at MSU or a community college in the summer prior to beginning studies in architecture.

** Pre-architecture and transfer students take ARC 1536 and ARC 1546 in the summer following completion of all freshman required courses. Special application must be made by February 15. Admission is highly selective and on a space available basis.

** This course is required if student receives a grade of “C” or lower in ART 1213 Freehand Drawing I.

**** See “University Core Curriculum Requirement” in the current Mississippi State University Bulletin.

***** The School of Architecture curriculum requires a student to take four electives and the Mississippi State University core curriculum requires three electives from the university core. At least one elective in the S/ARC must be an architectural elective. Three are open to selection from the current S/ARC “Approved Electives List” or a course approved by the Associate Dean.

Indicates courses that Pre-Architecture students can take away from the Mississippi State campus.

**NOTE:** Once accepted into the Design Studio courses, students are required to maintain at least an MSU 2.00 grade point average to remain in design courses. At the end of the first year, a student must have completed all required courses in order to enter the second year, and at the end of the fourth year, a student must have completed all required courses in order to advance to the fifth year. Any student who receives a grade of “D” or lower for two sequential design courses must repeat both of these courses and receive a grade of “C” or higher in both courses in order to advance in the program, or receive the Bachelor of Architecture degree.

form 9/23/2005
# Appendix D

## Bachelor of Architecture Professional Program (Accelerated Studies)

**NOTE:** Accelerated studies applicants should have taken Freehand Drawing; College Algebra; College Trigonometry; and one year of General Physics in their previous degree (or at the college level) prior to beginning our program.

Summer: ARC 1536 "Architectural Design I-A" and ARC 1546 "Architectural Design I-B" are required of those whose first degree was in a non-design field. May be waived only for students with demonstrated abilities in design.

### FALL SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hrs.</th>
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<tbody>
<tr>
<td>ARC 2536 Architectural Design II-A</td>
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<tr>
<td>ARC 2713 Passive Building Systems</td>
<td>3</td>
</tr>
<tr>
<td>ARC 3904 Structures I (w/ Lab)</td>
<td>4</td>
</tr>
<tr>
<td>Architectural Elective</td>
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### SPRING SEMESTER

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<td>ARC 2546 Architectural Design II-B</td>
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<td>ARC 2313 History of Architecture I</td>
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<td>ARC 2723 Materials</td>
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<td>ARC 3914 Structures II (w/ Lab)</td>
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<td><strong>Total</strong></td>
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**SUMMER:** Design studio for those enrolled in the Accelerated Studies Program:
- ARC 3556 Accelerated Studies in Architectural Design III-A
- ARC 3566 Accelerated Studies in Architectural Design III-B

### SECOND YEAR

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>ARC 4536 Architectural Design IV-A</td>
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<tr>
<td>ARC 3313 History of Architecture II</td>
<td>3</td>
</tr>
<tr>
<td>ARC 3713 Assemblages</td>
<td>3</td>
</tr>
<tr>
<td>ARC 4733 Site Planning for Architects</td>
<td>3</td>
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<td>Architectural Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
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</table>

**SUMMER:** Special studio for those enrolled in the Accelerated Studies Program. ARC 4533 (3) and ARC 4543 (3) Accelerated Studies in Architectural Design IV-C and IV-D. (May be taken off campus with approval of advisor or may be waived with approval of Associate Dean).

Upon completion of the summer program, the student will be enrolled for the last year at the Jackson branch of the School of Architecture.

### THIRD YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hrs.</th>
</tr>
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<tbody>
<tr>
<td>ARC 5576 Architectural Design V-A</td>
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<tr>
<td>ARC 5443 Thesis Programming</td>
<td>3</td>
</tr>
<tr>
<td>ARC 5623 Theory of Urban Design</td>
<td>3</td>
</tr>
<tr>
<td>Architectural Practice</td>
<td>3</td>
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<td><strong>Total</strong></td>
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<table>
<thead>
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<td>ARC 5589 Architectural Thesis V-B</td>
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<td>ARC 5353 Philosophy of Architecture</td>
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<td>ARC 5383 Legal Aspects of Architecture</td>
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**NOTE:** Once accepted into the Design Studio courses, students are required to maintain at least an MSU 2.00 grade point average to remain in design courses. At the end of the first year, a student must have completed all required courses in order to enter the second year, and at the end of the fourth year, a student must have completed all required courses in order to advance to the fifth year. Any student who receives a grade of “D” or lower for two sequential design courses must repeat both of these courses and receive a grade of “C” or higher in both courses in order to advance in the program, or receive the Bachelor of Architecture degree.

form 9/26/2005
Appendix E
APPROVED ELECTIVES LIST
FALL, 2004 [Mississippi State University College of Architecture]

HISTORY/THEORY

Anthropology
AN 1103 Introduction to Anthropology
AN 1143 Introduction to Cultural Anthropology
AN 1343 Introduction to Biological Anthropology
AN 1543 Introduction to Archaeology
AN 2203 Cultural and Racial Minorities
AN 3113 Societies of the World
AN 3123 North American Indians
AN 3153 African Art and Culture
AN 3523 North American Archaeology
AN 3533 Rise of Civilization
AN 4123/6123 Anthropological Theory
AN 4303/6303 Human Variation and Origins
AN 4403/6403 Introduction to Linguistics
AN 4523/6523 Public Archaeology

Architecture (Pre-Architecture freshman only)
ARC 1013 Architecture Appreciation

Art
ART 1013 Art History I
ART 1023 Art History II
ART 1113 Art Appreciation
ART 3143 Italian Renaissance Art History
ART 3603 Directed Writings in Modern Art History

Communication
CO 1003 Fundamentals of Public Speaking
CO 1223 Introduction to Communication Theory
CO 1403 Introduction to Mass Media
CO 1423 History of the Mass Media
CO 1503 Introduction to Theatre
CO 1903 Introduction to Cinema
CO 2253 Fundamentals of Interpersonal Communication
CO 2524 Stagecraft and Lighting
CO 3403 Intro. to Photography as Communication
CO 3423 Feature Writing
CO 3803 Principles of Public Relations
CO 3833 Interviewing in Communication
CO 4203/6203 Nonverbal Communication
CO 4253/6253 Elements of Persuasion
CO 4323/6323 Mass Media and Society
CO 4504/6504 History of the Theatre

English
EN 2213 English Literature
EN 2223 English Literature
EN 2243 American Literature
EN 2253 American Literature
EN 2273 World Literature
EN 2283 World Literature
EN 2443 Introduction to Science Fiction
EN 3303 Creative Writing
EN 3413 Advanced Composition
EN 3423 Descriptive English Grammar
EN 4303/6303 Craft of Poetry
EN 4313/6313 Craft of Fiction
EN 4333/6333 Literature of the South
EN 4343/6343 African-American Literature
EN 4353/6353 20th Century Critical Theory
EN 4503/6503 Shakespeare
EN 4513/6513 Shakespeare
EN 4523/6523 Chaucer
EN 4533/6533 Milton
EN 4643/6643 The 18th Century British Novel
EN 4653/6653 The 19th Century British Novel
EN 4703/6703 English Lit. of the 16th Century
EN 4713/6713 English Lit. of the 17th Century
EN 4723/6723 The Restoration and Swift
EN 4733/6733 18th Century Literature
EN 4803/6803 Types of 20th Century Drama
EN 4813/6813 The 20th Century World Novel
EN 4823/6823 20th Century Poetry
EN 4863/6863 The Romantic Poets & Prose Writers
EN 4883/6883 Victorian Poets & Prose Writers
EN 4903/6903 American Literature 1800-1860
EN 4913/6913 American Literature 1860-1900
EN 4923/6923 20th Century American Novel
EN 4933/6933 Survey of Contemporary Literature

Foreign Languages
Any Foreign Language Courses (Elementary, Intermediate, or Advanced Level)
FL 2453 The Icelandic Sagas
FL 4123/6123 Scandinavian Mythology
FL 4623/6623 The Vikings
FL 4143/6143 Classical Mythology

Geography
GR 1123 Introduction to World Geography
GR 2013 Cultural Geography
GR 4103/6103 Geography of Tourism

History
At least one among HI 1063, 1073, 1213, & 1223 is required.
HI 1063 Early U.S. History
HI 1073 Modern U.S. History
HI 1213 Early Western World
HI 1223 Modern Western World
HI 3333 Mississippi History
HI 3743 History of England
HI 4103/6103 Colonial America
HI 4113/6113 U.S. History 1783-1825
HI 4213/6213 Jacksonian American 1825-1850
HI 4333/6333 Civil War & Reconstruction 1850-1877
HI 4153/6153 U.S. History 1877-1917
HI 4163/6163 U.S. History 1917-1945
HI 4173/6173 U.S. History Since 1945

History (continued)
HI 4243/6243 American Life and Thought
HI 4303/6303 The Old South
HI 4313/6313 The New South
HI 4413/6413 Ancient Greece and Rome
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<tr>
<td>HI 4603/6603</td>
<td>Medieval Civilization</td>
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<tr>
<td>HI 4643/6643</td>
<td>Renaissance and Reformation</td>
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<tr>
<td>HI 4653/6653</td>
<td>The History of Science and Technology</td>
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</table>

#NOTE: Other 3000 and 4000 level History courses may also be taken if student has satisfied necessary prerequisites and has approval of Associate Dean.

Human Sciences
- HS 3643  History of Interiors I
- HS 3653  History of Interiors II
- HS 3663  Color and Lighting for Interiors
- HS 3673  Environments for Special Needs
- HS 4733/6733  CAD for Human Sciences

Music Education and Music
- MU 1113  History and Appreciation of Music
- MU 2322  History and Literature of Music I
- MU 2323  History and Literature of Music II

# Up to 6 hours elective credit will be given for applied music, voice, band, etc.

Philosophy and Religion
- PHI 1103  Introduction to Philosophy
- PHI 1113  Introduction to Logic
- PHI 1123  Introduction to Ethics
- PHI 2133  Introduction to Aesthetics
- PHI 3023  History of Western Philosophy Part I
- PHI 3033  History of Western Philosophy Part II
- PHI 3103  Symbolic Logic
- PHI 3213  Syllogism
- PHI 4123/6123  Existentialism and Postmodernism
- REL 1103  Introduction to Religion
- REL 1213  Introduction to the Old Testament
- REL 1223  Introduction to the New Testament
- REL 2233  Introduction to Old Testament Archaeology
- REL 3213  World Religions: Part I
- REL 3223  World Religions: Part II
- REL 4253/6253  Religion in America

Physical Education
- PE 1123  History and Appreciation of Dance

Psychology
- PSY 3213  Psychology of Abnormal Behavior
- PSY 3343  Psychology of Learning
- PSY 3353  Motivation
- PSY 3363  Behavior Modification
- PSY 3623  Social Psychology
- PSY 3713  Cognitive Psychology
- PSY 3803  Introduction to Developmental Psychology
- PSY 4203  Theories of Personality
- PSY 4323  History of Psychology
- PSY 4643/6643  Social Cognition

Sociology
- SO 1103  Contemporary Social Problems
- SO 1203  Marriage and Family
- SO 2203  Cultural and Racial Minorities
- SO 3013  Society and the Individual

- SO 4113/6113  Social Organization and Change
- SO 4203/6203  The Family in the United States
- SO 4223/6223  Comparative Family System
- SO 4303/6303  Urban Sociology
- SO 4513/6513  Correctional Systems

#NOTE: Other 3000, 4000, and 5000 level Sociology courses may be taken if student has the necessary prerequisites and approval of the Associate Dean.

PROCESS

Accounting
- ACC 1203  Basic Industrial Accounting
- ACC 3023  Intermediate Accounting I
- ACC 3033  Intermediate Accounting II

#NOTE: Other advanced courses in Accounting are acceptable for elective credit if student has necessary prerequisites and approval of Associate Dean.

Business Law
- BL 3223  The Law of Commercial Transactions

Computer Science and Engineering
- CSE 1213  *Computer Programming with FORTRAN
- CSE 1233  *Computer Programming with C
- CSE 2813  Discrete Structures
- CSE 3813  *Intro. to Formal Languages & Automata
- CSE 4213/6213  *Software Engineering I
- CSE 4633/6633  *Artificial Intelligence

Quantitative courses taught by the Dept. of Marketing, Quantitative Analysis and Business Law.

Economics
- EC 2113  Principles of Macroeconomics
- EC 2123  Principles of Microeconomics

# Other advanced Economics courses may be taken if student has satisfied necessary prerequisites and has approval of Associate Dean.

PROCESS (continued)

English
- EN 3303  *Creative Writing
- EN 3413  *Advanced Composition
- EN 3423  *Descriptive English Grammar

Finance (Includes Real Estate and Insurance)
- FIN 2003  *Personal Money Management
- FIN 3123  *Financial Management
- INS 3103  *Principles of Insurance
- INS 3203  *Property and Casualty Insurance
- REM 3253  *Real Property Evaluation (Appraisal)
- REM 3333  *Principles of Real Estate
- REM 3353  *Real Estate Finance

* Other Finance courses may be taken if student has satisfied necessary prerequisites and has approval of Associate Dean.

Management
MGT 3114 * Principles of Management and Production
MGT 3513 * Intro. to Human Resources Management

* Other Management courses may be taken if student has satisfied necessary prerequisites and has approval of Associate Dean.

Marketing
MKT 3013 * Principles of Marketing
MKT 4113 * Personal Selling
# Other Marketing courses may be taken if student has satisfied necessary prerequisites and has approval of Associate Dean.

Philosophy and Religion
PHI 1113 Introduction to Logic
PHI 1123 Introduction to Ethics

Political Science
PS 1113 American Government
PS 1313 Introduction to International Relations
PS 2403 Introduction to Political Theory
PS 2703 Introduction to Public Policy
PS 3183 Law and Politics
PS 4113/6113 State Government
PS 4163/6163 The Chief Executive
PS 4173/6173 Legislative Process
PS 4283/6283 Public Opinion
PS 4703/6703 Principles of Public Administration

* Other Political Science courses may be taken if student has satisfied necessary prerequisites and has approval of Associate Dean.

NOTE: Up to 6 hours elective credit will be given for Military Science courses.

TECHNOLOGY
Agricultural Engineering
ABE 1073 Agricultural Mechanics
ABE 2873 * Land Surveying

Civil Engineering
CE 2214 * Surveying

Geology and Geography
GG 1111 Earth Sciences I Laboratory
GG 1113 Survey of Earth Sciences I
GG 1121 Earth Science II Laboratory
GG 1123 * Survey of Earth Sciences II
GG 3133 Intro. to Environmental Geology
GR 1123 Introduction to World Geography
GR 2013 Cultural Geography
GR 2313 Maps and Remote Sensing
GR 3113 Conservation of Natural Resources
GR 4103/6103 Geography of Tourism
GR 4123/6123 Urban Geography
GR 4603/6603 * Climatology

Human Sciences
HS 3663 Color and Lighting for Interiors

Industrial Engineering
IE 4113/6113 * Human Factors Engineering
IE 4533/6533 * Project Management

Mathematics
MA 1713 * Calculus I
MA 1723 * Calculus II
MA 2733 * Calculus III
MA 2743 * Calculus IV
MA 3113 * Introduction to Linear Algebra
MA 3463 * Foundations of Geometry

Philosophy and Religion
PHI 2133 Introduction to Aesthetics

* Note prerequisites for these courses.
NOTE: Student may have to satisfy necessary prerequisites for all courses listed and have approval of the Associate Dean.
Appendix F

School of Architecture
Mississippi State University Approval Form for Special Topics (ARC 4000/7000)

TO BE SUBMITTED NO LATER THAN THE 5th DAY OF THE SEMESTER TAKEN

1. Student Name ___________________________ Classification _______________

2. Course to be undertaken during (check one):

   ______ Fall, 200__       ______ Summer I, 200__
   ______ Spring, 200__       ______ Summer II, 200__

3. Course Professor: _____________________________

4. Course Title: _________________________________ Credits: __________
   a) Description of Content:
   b) Objectives:
   c) Requirements for Successful Completion:

5. Instructor / Student Meeting Time(s): _________________________________

6. Explain where this course will apply for degree requirements:

7. Signatures / Approval:
   Student ___________________________ Date _______
   Instructor _________________________ Date _______
   Advisor ___________________________ Date _______   Recommended    Not Recommended
   Associate Dean ____________________ Date _______   Recommended    Not Recommended
# Appendix G

Student's Name ___________________________________________
Social Security Number ____________________________________
Starting Semester

---

Mississippi State University               School of Architecture
Bachelor of Architecture Professional Program
---

* MA 1313 College Algebra ____________  * MA 1323 Trigonometry ____________

<table>
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<th>Hours</th>
<th>Final Grade</th>
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<tr>
<td>ARC 1536 Architectural Design I-A (**)</td>
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<tr>
<td>EN 1103 English Composition I</td>
<td>3</td>
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</tr>
<tr>
<td>PH 1113 General Physics I (w/Lab)</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>ART 1213 Freehand Drawing I</td>
<td>3</td>
<td></td>
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<tr>
<td>ARC 1003 Concept and Form</td>
<td>3</td>
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<tr>
<td>ARC 1546 Architectural Design I-B</td>
<td>6</td>
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<tr>
<td>EN 1113 English Composition II</td>
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<td>ARC 2723 Materials</td>
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** First Year

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** Electives:

- ARC 53 architectural elective 3
- Approved Elective 3
- Approved Elective 3
- Approved Elective 3
Student’s Name ____________________________________ Social Security Number ________________________

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* Prospective students with a 24 or higher on the math portion of the ACT are excused from College Algebra. Those with a “B” or better in a full semester of high school trigonometry course may be excused from College trigonometry. Others should take these courses at MSU or a community college in the summer prior to beginning studies in architecture.

** Pre-architecture and transfer students take ARC 1536 and ARC 1546 in the summer following completion of all freshman required courses. Special application must be made by February 15 prior to summer design. Admission is highly selective and on a space available basis.

*** This course is required if student receives a grade of “C” or lower in ART 1213 Freehand Drawing I.

**** See “a. Board of Trustees Core Curriculum” in the current Mississippi State University Bulletin.

***** The School of Architecture curriculum requires a student to take four electives and the Mississippi State University core curriculum requires three electives from the university core. At least one elective in the S/ARC must be an architectural elective. Three are open to selection from the current S/ARC “Approved Electives List” or a course approved by the Associate Dean.

NOTE: Once accepted into the Design Studio courses, students are required to maintain at least an MSU 2.00 grade point average to remain in design courses. At the end of the first year, a student must have completed all required courses in order to enter the second year, and at the end of the fourth year, a student must have completed all required courses in order to advance to the fifth year. Any student who receives a grade of “D” or lower for two sequential design courses must repeat both of these courses and receive a grade of “C” or higher in both courses in order to advance in the program, or receive the Bachelor of Architecture degree.
NOTE: Accelerated Studies applicants should have taken the following courses in their previous degree (or at the college level) prior to beginning our program.

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**SUMMER (First Year):** Architectural Design I-A and I-B are required of those whose first degree was in a non-design field.
May be waived only for students with demonstrated abilities in design.

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**SUMMER (regular Third Year)**

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**SECOND YEAR (regular Fourth Year)**

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Summer: Special studio for those enrolled in the Accelerated Studies Program.
ARC 4533  Accelerated Studies in Architectural Design IV-C
ARC 4543  Accelerated Studies in Architectural Design IV-D

May be taken off campus with the approval of advisor or may be waived with approval of Associate Dean).
Upon completion of the summer program, the student will be enrolled for the last year at the Jackson branch of the School of Architecture.
### T H I R D  Y E A R (regular Fifth Year)

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Appendix I

The National Architectural Accrediting Board
Guide to Student Performance Criteria

Preface
This guide is written expressly for the faculty and students of professional degree programs in architecture. It begins with a brief overview of the parameters for accrediting professional degree programs, including a list of the twelve conditions your program must address to maintain its accreditation. However, the guide’s primary purpose is to inform you about one of these conditions, namely the student performance criteria. These areas of every student must demonstrate who graduates from an accredited architecture program. The criteria define the minimum requirements for your professional education in architecture.

An Overview of NAAB Accreditation
The National Architectural Accrediting Board (NAAB) is the sole agency authorized to accredit US professional degree programs in architecture. Since most state registration boards in the United States require any applicant for licensure to have graduated from a NAAB-accredited program, obtaining such a degree is an essential aspect of preparing for the professional practice of architecture. While graduation from a NAAB-accredited program does not assure registration, the accrediting process is intended to verify that each accredited program substantially meets those standards that, as a whole, comprise an appropriate education for an architect.

The curriculum of a NAAB-accredited program includes general studies, professional studies, and electives, which together comprise a liberal education in architecture. The curriculum ensures that graduates will be technically competent, critical thinkers who are capable of defining multiple career paths within a changing societal context. More specifically, the NAAB requires an accredited program to produce graduates who: are competent in a range of intellectual, spatial, technical, and interpersonal skills; understand the historical, sociocultural, and environmental context of architecture; are able to solve architectural design problems, including the integration of technical systems and health and safety requirements; and comprehend architects’ roles and responsibilities in society.

Although the NAAB recognizes that the areas and levels of excellence will vary among programs, all accredited professional degree programs must demonstrate compliance with each of the following twelve NAAB Conditions:

1 Program Response to the NAAB Perspectives
   1.1 Architecture Education and the Academic Context
   1.2 Architecture Education and the Students
   1.3 Architecture Education and Registration
   1.4 Architecture Education and the Profession
   1.5 Architecture Education and Society
2 Program Self-assessment
3 Public Information
4 Social Equality
5 Human Resources
6 Human Resource Development
7 Physical Resources
8 Information Resources
9 Financial Resources
10 Administrative Structure
11 Professional Degrees and Curriculum
12 Student Performance Criteria

The last condition, Student Performance Criteria, is presented in this guide exactly as it appears in the 1998 Conditions and Procedures, which specifies in detail the requirements of accreditation.
Requirements for Presenting Student Work

During an accreditation site visit, a lockable, reasonably soundproof room must be set up in your school building so that the visiting team can review and discuss the program’s documentation in confidence. Prior to the site visit, the program head usually discusses with the team chair the content and organization of the team room, which must contain fully labeled and easily accessible exhibits of student work. Exhibits must include examples of both minimum pass and high achievement, be of sufficient quantity to ensure that all graduates are meeting the performance criteria, have been executed since the previous site visit, and span no less than a single academic year. If more than one professional degree program is being reviewed, student work from each program must be clearly distinguishable. While a range of work must be displayed for each required course, it is not necessary to present the complete output of a studio, lecture, or seminar.

The means of presenting student work is at your program’s discretion, but each piece must be cross-referenced to the course matrix and criteria it addresses, contain the date, and indicate its assessment from minimum to high achievement. Exhibits in spaces outside the team room can augment, but not substitute for, the team room exhibits; they should be identified in a manner that is consistent with the team room displays, except that indications of minimum and high pass may be omitted in public displays. Class assignments must be available for all projects presented, which ideally will furnish examples by several different students or teams.

Learning More About Accreditation

For more information about the accrediting process, faculty and students should read the 1998 Conditions and Procedures, referred to as the C&P. You may also be interested in reviewing your program’s most recent Architecture Program Report, referred to as the APR, Visiting Report, referred to as the VTR, and the Annual Reports, referred to as the ARs. All these documents can be found in your program’s library.

Student performance criteria

The accredited degree program must ensure that each graduate possesses the knowledge and skills defined by the criteria set out below. The knowledge and skills are the minimum for meeting the demands of an internship leading to registration for practice.

The school must provide evidence that its graduates have satisfied each criterion through required coursework. If credits are granted for courses taken at other institutions, evidence must be provided that the courses are comparable to those offered in the accredited degree program.

The criteria encompass two levels of accomplishment:

- **Understanding**: means that assimilations and comprehension of information without necessarily being able to see its full implication.
- **Ability**: means the skill in using specific information to accomplish a task, in correctly selecting the appropriate information, and in applying it to the solution of a specific problem.

The NAAB establishes performance criteria to help accredited degree programs prepare students for the profession while encouraging educational practices suited to the individual degree program. In addition to assessing whether student performance meets the professional criteria, the visiting team will assess performance in relation to the school’s stated curricular goals and content. While the NAAB stipulates the student performance criteria that must be met, it specifies neither the educational format nor the form of student work that may serve as evidence of having met these criteria. Programs are encouraged to develop unique learning and teaching strategies, methods, and materials to satisfy these criteria, provided the school has a format evaluation process for assessing student achievement of these criteria and documents the results.

For the purpose of accreditation, graduating students must demonstrate **understanding or ability** in the following areas.

1. **Speaking and Writing Skills**
   Ability to read, write, listen, and speak effectively
2. **Critical Thinking Skills**
   Ability to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test them against relevant criteria and standards
3. **Graphics Skills**  
Ability to use appropriate representational media, including freehand drawing and computer technology, to convey essential format elements at each stage of the programming and design process

4. **Research Skills**  
Ability to gather, assess, record, and apply relevant information in architectural coursework

5. **Format Ordering Systems**  
Understanding of the fundamentals of visual perception and the principles and system of order that inform two- and three-dimensional design, architectural composition, and urban design

6. **Fundamental Design Skills**  
Ability to use basic architectural principles in the design of building, interior spaces, and sites

7. **Collaborative Skills**  
Ability to recognize the varied talent found in interdisciplinary design project teams in professional practice and work in collaboration with other students as members of a design team

8. **Western Traditions**  
Understanding of the Western architectural canons and traditions in architecture, landscape and urban design, as well as the climatic, technological, socioeconomic, and other cultural factors that have shaped and sustained them

9. **Non-Western Traditions**  
Understanding of parallel and divergent canons and traditions of architecture and urban design in the non-Western world

10. **National and Regional Traditions**  
Understanding of national traditions and the local regional heritage in architecture, landscape design and urban design, including the vernacular tradition

11. **Use of Precedents**  
Ability to incorporate relevant precedents into architecture and urban design projects

12. **Human Behavior**  
Understanding of the theories and methods of inquiry that seek to clarify the relationship between human behavior and the physical environment

13. **Human Diversity**  
Understanding of the diverse needs, values, behavioral norms, physical ability, and social and spatial patterns that characterize different cultures and individuals and the implication of this diversity for the societal roles and responsibilities of architects

14. **Accessibility**  
Ability to design both sites and building to accommodate individuals with varying physical abilities

15. **Sustainable Design**  
Understanding of the principles of sustainability in making architecture and urban design decisions that conserve natural and built resources, including culturally important buildings and sites, and in the creation of healthful buildings and communities

16. **Program Preparation**  
Ability to prepare a comprehensive program for an architectural project, including assessment of client review of appropriate precedents, an inventory of space and equipment requirements, an analysis of site conditions, a review of the relevant laws and standards and assessment of their implication for the projects, and a definition of site selection and design assessment criteria

17. **Site Conditions**  
Ability to respond to natural and built site characteristics in the development of a program and the design of a project
18. **Structural Systems**
Understanding of principles of structural behavior in withstanding gravity and lateral forces and the evolution, range, and appropriate application of contemporary structural systems

19. **Environmental Systems**
Understanding of the basic principles and appropriate application and performance of environmental systems, including acoustical, lighting, and climate modification systems, and energy use, integrated with the building envelope

20. **Life Safety**
Understanding of the basic principles of life-safety systems with an emphasis on egress

21. **Building Envelope Systems**
Understanding of the basic principles and appropriate application and performance of building envelope materials and assemblies

22. **Building Service Systems**
Understanding of the basic principles and appropriate application and performance of plumbing, electrical, vertical transportation, communication, security, and fire protection systems

23. **Building Systems Integration**
Ability to assess, select, and conceptually integrate structural systems, building envelope systems, environment systems, life-systems, and building service systems into building design

24. **Building Materials and Assemblies**
Understanding of the basic principles and appropriate application and performance of construction materials, products, components, and assemblies, including their environmental impact and reuse

25. **Construction Cost Control**
Understanding of the fundamentals of building cost, life-cycle cost, and construction estimating

26. **Technical Documentation**
Ability to make technically precise drawings and write outline specifications for a proposed design

27. **Client Role in Architecture**
Understanding of the responsibility of the architect to elicit, understand, and resolve the needs of the client, owner, and user

28. **Comprehensive Design**
Ability to produce a comprehensive architectural project based on a building program and site that includes development of programmed spaces demonstrating an understanding of structural and environmental systems, building envelope systems, life-safety provisions, wall sections and building assemblies and the principles of sustainability.

29. **Architect’s Administrative Roles**
Understanding of obtaining commissions and negotiating contracts, managing personnel and selecting consultants, recommending project delivery methods, and forms of service contracts

30. **Architectural Practice**
Understanding of the basic principles and legal aspects of practice organization, financial management, business planning, time and project management, risk mitigation, and mediation and arbitration as well as an understanding of trends that affect practice, such as globalization, outsourcing, project delivery, expanding practice settings, diversity, and other.

31. **Professional Development**
Understanding of the role of internship in obtaining licensure and registration and the mutual rights and responsibilities of interns and employers

32. **Leadership**
Understanding of the need for architects to provide leadership in the building design and construction process and on issues of growth, development, and aesthetics in their communities

33. Legal Responsibilities
Understanding of the architect’s responsibility as determined by registration law, building codes and regulations, professional service contracts, zoning and subdivision ordinances, environmental regulation, historic preservation laws, and accessibility laws

34. Ethics and Professional Judgment
Understanding of the ethical issues involved in the formation of professional judgment in architectural design and practice