STUDENT PERFORMANCE CRITERIA

1. Speaking and Writing Skills - Ability to read, write, listen, and speak effectively/ (Ability)
2. Critical Thinking Skills - Ability to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, and reach well-reasoned conclusions/ (Ability)
3. Graphics Skills - Ability to use appropriate representational media, including freehand drawing and computer technology, to convey essential formal elements at each stage of the programming and design process/ (Ability)
4. Research Skills - Ability to gather, assess, record, and apply relevant information in architectural coursework/ (Ability)
5. Fundamental Design Skills - Ability to use basic architectural principles in the design of buildings, interior spaces, and sites/ (Ability)
6. 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/ (Ability)
7. Western Traditions - Understanding of the Western architectural canons and traditions in architecture, landscape and urban design, as well as the climatic, technological, and cultural factors that have shaped and sustained them/ (Understanding)
8. Non-Western Traditions - Understanding of parallel and divergent canons and traditions of architecture and urban design in the non-Western world/ (Understanding)
9. National and Regional Traditions - Understanding of national traditions and the local regional heritage in architecture, landscape design and urban design, including the vernacular tradition/ (Understanding)
10. Use of Precedents - Ability to incorporate relevant precedents into architecture and urban design projects/ (Ability)
11. Human Behavior - Understanding of the theories and methods of inquiry that seek to clarify the relationship between human behavior and the physical environment/ (Understanding)
12. 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 implications for the societal roles and responsibilities of architects/ (Understanding)
13. Accessibility - Ability to design both site and building to accommodate individuals with varying physical abilities/ (Ability)
14. Sustainable Design - Understanding of the principles of sustainability in the design of 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/ (Understanding)
15. Site Conditions - Ability to develop a comprehensive program for an architectural project, including an analysis of the site and its potential, an assessment of the architectural and urban design decisions that can be made, and an evaluation of the potential for the design to meet the needs of the community and the environment/ (Ability)

ARCH 101 Introduction to Architecture
ARCH 210 Intro to the Hist of Arch
ARCH 231 Anatomy of Buildings
ARCH 232 Construction of Buildings
ARCH 271 Graphics for Architects
ARCH 272 Strategies of Arch Design
ARCH 341 Environment Tech HVAC
ARCH 342 Environment Tech Ltd & Augst
ARCH 351 Statics & Dynamics
ARCH 352 Mech of Mat & Design Appl
ARCH 373 Arch Design and the Landscape
ARCH 374 Arch Design and the City
ARCH 41x Arch History Electives (3 courses)
ARCH 432 Construction of Buildings
ARCH 451 Theory & Design Steel & Timber
ARCH 452 Theory of Reinforced Concrete
ARCH 475 Arch Design & Development
ARCH 501 Architectural Practice
ARCH 502 Structural Planning
ARCH 517 Architectural Design Studio
ARCH 527 Architectural Design Studio
ARCH 537 Architectural Design Studio
ARCH 574 Architectural Design Studio
MATH 220 Calculus
MATH 231 Calculus II
PHET 105 Principles of Composition
UP 101 Planning of Cities and Regions