Certificate in Renewable Energy/Energy Efficiency (REE)  28 Total Credits

Suggested Green Residential Construction Concentration

GBCI “LEED Green Associate Certification Exam” – Eligibility to sit  
BPI “Small Homes Certification Written & Field Exams” – Eligibility to sit

Required Courses:

SCI 120: Sustainable Energy: Theory and Practice  4 credits
SCI 126: Residential Energy Efficiency and Energy Auditing  3 credits
Any course coded BUS/ECO/ACC  3 credits
(The program strongly recommends BUS 111: The Contemporary Business World)

Required Elective:

MAT 105: Introductory Algebra or satisfactory test placement required  3 credits

Highly recommended but not required:

MAT 106 intermediate Algebra  3 credits

Residential Construction Concentration Electives:  (at least )  9 credits

SCI 114: Residential Construction Fundamentals  
- 3 credits

SCI 127: Intro to Sustainable Design and Green Building - 3 credits

SCI 133: Introduction to Architectural Modeling with ArchiCAD – 2 credits

SCI 136: Applied Residential Energy Auditing – 1 credit

Optional after 40 hours of instruction: 
GBCI “LEED Green Associate Certification Exam”

Optional after 40 hours of instruction: 
BPI “Small Homes Certification Written & Field Exams”

SCI 293/294: Internship – 1 to 6 credits

Other Electives: Courses taken from the list on the reverse side of this sheet.  28 Total Credits

Notes:
GBCI is the Green Building Certification Institute - (www.gbcı.org) Students are eligible to sit for the “LEED Green Associate Certification Exam,” a computerized exam proctored at a Prometric test center, after 40 hours of instruction. BPI is the Building Performance Institute – (www.bpi.org) Students are eligible to sit for written and field exams to earn certifications within BPI’s Small Homes Model. We recommend, however, that in BOTH cases they complete the full sequence of courses described above.