

# pbic FHWA University Course on Bicycle and Pedestrian Transportation

The FHWA University Course was produced in an effort to stimulate the development of bicycle and pedestrian courses in universities nationwide. The Course contains a Student Workbook and slideshows with speaker notes to facilitate course delivery. It is intended for use in graduate or undergraduate courses in Civil Engineering and/or Urban/Regional Planning departments, but materials can also be incorporated into classes in public health, public policy and administration, and environmental design. The Course spans a wide range of topics including an introduction to bicycling and walking issues, planning and designing for bicycle and pedestrian facilities, and supporting elements and programs. Through this course, students will recognize the legitimacy of the bicycle and pedestrian modes; understand how policy, planning, and engineering practices can be improved to create a more balanced transportation system; and become familiar with basic policies, practices, tools, and design principles that can be used to create bicycle and pedestrian-friendly communities.



## Lecture Topics

- Lesson 1: Bicycle and Pedestrian Mobility
- Lesson 2: Bicycling and Walking in the United States Today
- Lesson 3: Bicyclist and Pedestrian Safety
- Lesson 4: Bicycle and Pedestrian Planning
- Lesson 5: Using Land Regulations
- Lesson 6: Traditional Neighborhood Design
- Lesson 7: Adapting Suburban Communities
- Lesson 8: Pedestrian Characteristics
- Lesson 9: Walkways, Sidewalks, and Public Spaces
- Lesson 10: Pedestrian Facility Signing and Pavement Markings
- Lesson 11: Pedestrian Design at Intersections
- Lesson 12: Midblock Crossings
- Lesson 13: Selecting Bicycle Facility Types and Evaluating Roadways
- Lesson 14: Shared Roadways
- Lesson 15: Bicycle Lanes
- Lesson 16: Bicycle Facility Maintenance
- Lesson 17: Bicycle Parking and Storage
- Lesson 18: Bicycle and Pedestrian Connect
- Lesson 19: Greenways and Shared Use Paths
- Lesson 20: Traffic Calming
- Lesson 21: Bicycle and Pedestrian Accommodation in Work Zones
- Lesson 22: Tort Liability
- Lesson 23: International Approaches
- Lesson 24: A Comprehensive Approach: Engineering, Education, Encouragement, Enforcement, and Evaluation
- Overview lecture that can be fit into existing courses

## Sign Me Up!

All course materials are provided at no cost and can be downloaded from the Web site: [http://www.walkinginfo.org/fhwa\\_university\\_course](http://www.walkinginfo.org/fhwa_university_course). For more information, contact the Task Order Manager, Ann Do, at 202-493-3319, or [ann.do@dot.gov](mailto:ann.do@dot.gov).