



Mayterm
2019

Astronomy in the Smoky Mountains

A Core Course, a Core Experience

Why the Smoky Mountains?

- ✓ **Dark skies**
 - ✓ Very little light pollution, Clean air
 - ✓ 11-inch Schmidt-Cassegrain Telescope
 - ✓ Natural Beauty, unique opportunity
 - ✓ Experience nature while studying astronomy

Where and When in the Smokies?

May 21 – June 5, 2019

- **Waynesville, North Carolina**
- **20 miles from Asheville**
- **Altitude 3,200 -5,500 ft**
- **Population 10,000**



Waynesville, NC



Getting There: *Transportation*



Students are responsible for their own transportation to and from Waynesville

- **Driving:** 14 hours from Dallas via I30 and I40.
 - Most students carpool.
- **Flying:** Into Asheville (AVL) on Delta, American, or United
- Uber is available to take students from AVL to Waynesville (cost about \$25 each way).

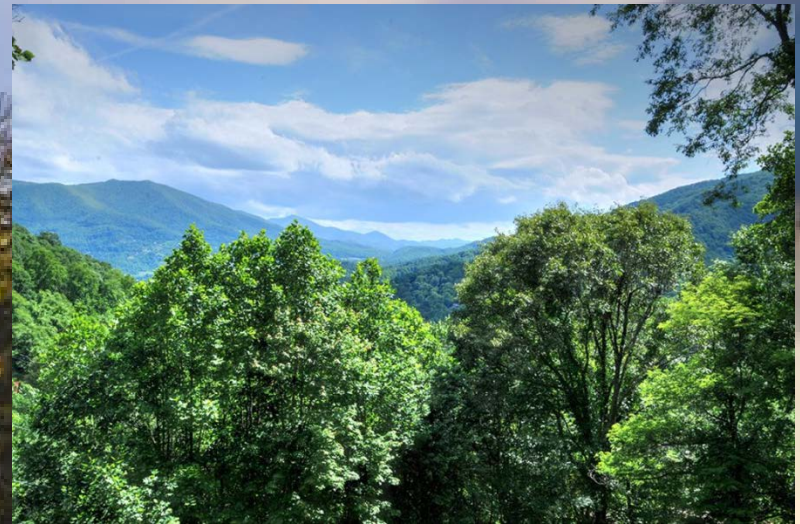
**The University has arranged
housing in rental homes.**

Housing

**There is no charge for housing.
Students are responsible for their meals.
All cooking ware, plates, silverware, towels,
sheets are provided at no cost.**

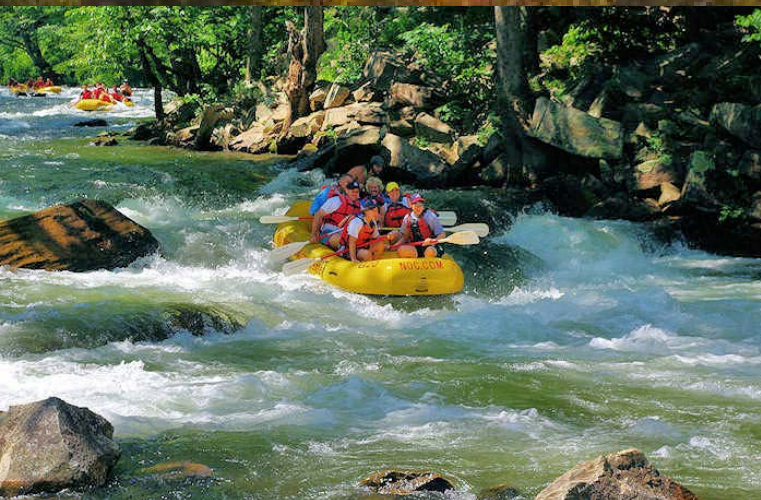






Things to Do in Waynesville

- Hiking
- Whitewater rafting
- Horseback riding
- Ziplining
- Visit a waterfall





Weather?

- Highs: upper 60s
- Lows: 40s
- Very green!

What to Bring?

- Layered clothing: sweater, jacket
- Hiking boots
- Cap and Gloves
- Flashlight
- Laptop and notebook

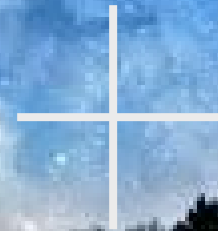
Schedule

- Arrive in Waynesville, NC: Monday May 20th by 6 p.m.
Check in with Dr. Olenick
 - Pizza Dinner with Dr. Olenick
- First Class: Tuesday May 21st
- Classes Daily Except Sundays and Memorial Day
- Class times: 9:30 a.m. – 12:30, 1:30 – 3:00 approximately
- Evening Observational Labs from 9 – 11 p.m.
- Final Exam: June 4th , late afternoon
 - Dinner provided by Dr. Olenick
- Depart Waynesville/Asheville: June 5th

Topics

- Constellations—Find your way around the night sky.
- Classification of Stars—Discuss different types of stars and how they are classified and how we know things about them.
- Lives of Stars
- Formation of Stars
- Death of Stars
- Solar Systems
- Planets and Their Structures
- Galaxies: Structures and Origins
- The Origin and Fate of the Universe

Classroom



The
Sky

*St. John the Evangelist Catholic
Church meeting room*

Churches



St. Margaret of Scotland
in Maggie Valley

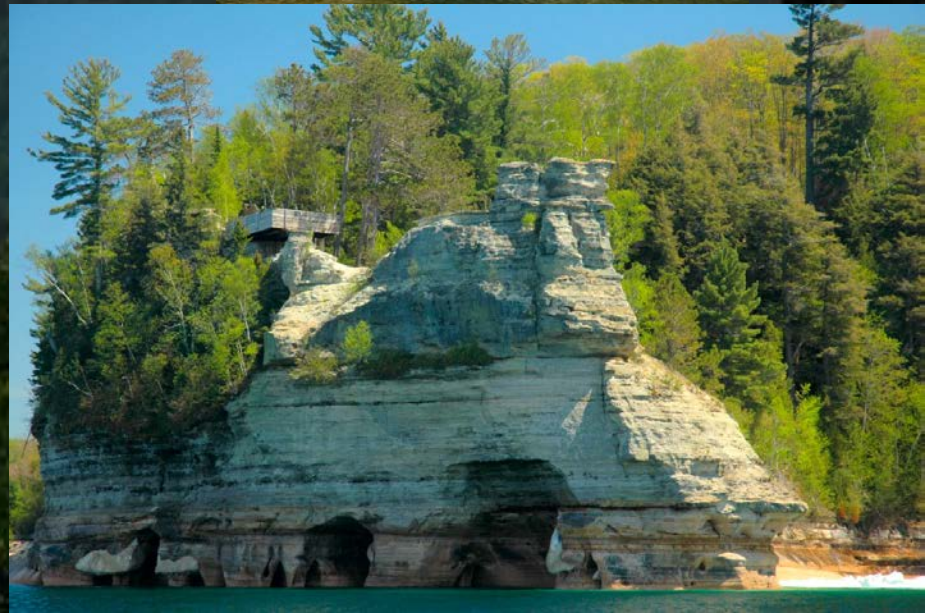
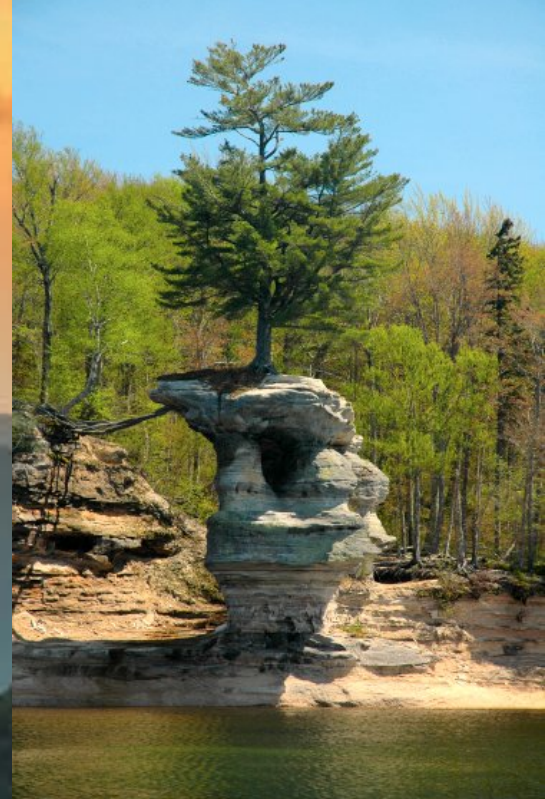


St. John the Evangelist
in Waynesville

Restaurants

- The Buttered Biscuit
- Blue Rooster
- Panacea Coffeehouse Cafe
- Frogs Leap Public House
- Haywood SmokeHouse
- Blossom on Main
- The Sweet Onion
- Frankie's Italian Trattoria
- Angelo's Pizza





Cost--Not Astronomical

- Same as Mayterm in Irving:

- \$525 per credit hour x 4 hours = \$2100

- Lab Fee = 50

- Total Tuition = \$2150

- Housing* = 0

- Total = **\$2150**

- The Bursar will handle deposits into your account.

Please remind the students that if they enroll in the course and leave campus after the official closing at 10 a.m. on Friday, May 17, 2019 they will need to formally request late departure from our office so that the proper arrangements may be made for them including reprogramming of their ID swipe cards for continued access to their halls. Hall residents who request to leave campus after midnight of graduation Sunday must also relocate to the Mayterm hall as all others halls will close at that time without exception.

More Sights





Planetary Nebula



M13 Globular Cluster



Orion Nebula



Milky Way



Saturn