



Funguide to Newark

Department of Mathematical Sciences

University of Delaware

SIAM and AWM

BOOK-WEBSITE.COM

Front Matter for The Second Edition

This Fun Guide was based off of the first edition made by the SIAM and AWM departments of 2014-2015. This New Edition adds new information that has changed over the 3 years and has updated many other aspects of this. The new version of the Fun Guide was organized by Sam Cogar and created by the Fun Guide Committee of 2017-2018 of SIAM, whose members are Michael Bush and Nicholas Russell. We thank Dr. Richard Braun and Kristopher Hollingsworth from the SIAM chapter and Dr. Constanze Liaw, Jenifer Hummer, Emily Bergman, and Rayanne Luke from the AWM chapter for their input and helpful corrections to this guide. We also thank all graduate students and faculty of the Math Department for their continued support of SIAM and AWM, and for their help in creating this guide for future generations of graduate students.

This book is primarily for helping new students to adapt to the new campus and surrounding area, and it is not for any profit. You are free to share and not allowed to distribute it for commercial purpose.

Front Matter from First Edition

This Fun Guide is based on the survey results gathered from the Math Department. Thanks go out to Yingxiang Zhou, who made the survey. The guide was organized by Lan Zhong, Madelyn Houser, Mingchang Ding, Rich Braun, Yu Sun, Alyson Grassi, Ling Chen. Edited by Kevin Aiton, Thomas Brown, Katie Harper, Amy Janett. Thanks to all the writers. Thanks also go to Nick Kaufman, Lorinda Leshock, Tao Yuan, Lei Chen, and all the graduate students and faculty in Math Department for giving us precious information and advice.

Pictures

Cover: The Newark Reservoir

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1. Food

In this chapter, you will find a survey of all eateries, coffee shops, and more that are close to campus, as well as some farther away. There are a myriad of cuisines throughout Newark, and we have classified them into specific categories of food. All categories are ranked in terms of quality, from higher quality in each category near the top to lower quality near the bottom. There is so much to explore in Newark, so be open to trying new things and remember that the best way to learn about a specific food is to go out there and eat it! To learn more about each restaurant and its specials, refer to their website or search on Apple/Google maps for more information, or talk to other graduate students for guidance.

1.1 Main Street

1.1.1 Quick Bites and Takeout

Build your own	<p>Roots honeygrow PoBu El Diablo Burritos Cafe 67 Mac Mart Chipotle Qdoba California Tortilla</p>	<p>Healthy bowls and salads, vegetarian friendly Healthy stir-fry, salads, and yogurt bar Poke bowls with fresh fish Mexican bowls, burritos, and quesadillas Local salads and sandwiches to-go Make your own Mac and Cheese Mexican food with bowls and burritos Mexican food with alcohol as well Mexican food with tacos and other bowls</p>
Sandwiches	<p>Bahn Mi Boi Newark Deli and Bagels Hot Bagels Panera Bread Jimmy Johns Subway</p>	<p>Vietnamese sandwiches and spring rolls Fresh bagels, handmade sandwiches, and coffee Fresh bagels and sandwiches Salads, soups, and sandwiches American sandwiches (delivery possible) Customize your own sandwich chain</p>
Pizza/Burgers	<p>Snap Custom Pizzas Mod Pizza Margharita's Pizza Grotto's Pizza Season's Pizza</p>	<p>Custom gourmet pizzas Custom pizzas and sandwiches Fresh pizza, sandwiches, and pastas Fast pizza place and sports bar Pizza, wings, salads, and sandwiches</p>
Asian Cuisine	<p>Tasty Wok Colorful Yun Nan Mayflower Indian Sizzler</p>	<p>Chinese food, lunch counter style Chinese dishes and noodle soups Sushi, chicken, and other Japanese recipes Indian food with a buffet option</p>
Food Trucks	<p>Middle Eastern Benny's Cuisine Fantasy The Wandering Chef</p>	<p>Gyros, meat and rice bowls near Purnell American and Carribean affair by the 5&10 Eclectic menu with dumplings near Purnell</p>
Fruit Bowls	<p>Playa Bowls Viva Bowls</p>	<p>Famous Jersey Shore acai, fruit, and oatmeal bowls Superfruit cafe with homemade nut butters and granola</p>
Trabant	<p>Greens to Go Chick-fil-A Topio's Konomi Peet's Coffee Burger Studio Quiznos</p>	<p>Custom made salads and wraps Chicken, sandwiches, and fries Pizza, strombolies, and calzones Freshly made sushi and Asian Chicken Bowls Coffee and other small food items Custom burgers and fries Sandwiches, salads, wraps, and flatbreads</p>

1.1.2 Coffee, Drinks, and Desserts

Coffee/Drinks	Brewed Awakenings BrewHaha Tbaar Starbucks Central Perk Coffee Dunkin Donuts	Special drinks with sandwiches and salads Specialty coffee drinks and sandwiches Boba Teas, Crepes, and other drinks Variety of drinks with food options Deli place and coffee with other drinks Coffee with donuts, sandwiches, and more
Desserts	Caffé Gelato Duck Donuts Rita's Ice Yogurt City Insomnia Cookies Dairy Queen	Unreal flavors of gelato and ice cream Freshly made donuts and ice cream Italian ices and frozen custards Make your own frozen yogurt place Late-night bakery that delivers late Soft-serve ice cream and shakes

1.1.3 Restaurants

American	Home Grown Cafe Stone Balloon Ale House Iron Hill Brewery Grain Klondike Kate's Deer Park Catherine Rooney's Irish Pub Cheeburger Cheeburger Arena's	Local food with an American twist Local brews and creative New American eats Housemade beers and elevated comfort food Craft beer, upscale bar eats, and great brunch Classic American fare with bar and great desserts Bar and a wide variety of American food Irish/American food with huge drink selection Retro chain with burgers and shakes Classic American food with lots of beers
Asian	Ramen Kamumoto Ali Baba Chef Tan Red Bowl Hotpot and BBQ	Ramen bowls and chicken platters Middle eastern platters and hookah bar Chinese fare with a twist Traditional Chinese fare Korean food served in traditional hotpot style
Italian	Caffé Gelato Taverna	Italian-American food and unreal desserts Coal-fired pizzas and homemade pastas
Mexican	Del Pez Santa Fe	Pub fare with a Mexican spin Taqueria and bar with huge portions
Breakfast	Perfect Blend Sinclair's Cafe	Belgian Waffles and great coffee Classic American breakfast with a cozy environment
Brazilian	Churrascaria Sausades	All-you-can-eat Brazilian Steakhouse

1.2 Other Places

1.2.1 South Main Street

Coffee/Drinks	Teado Saxbys	Bubble teas and small Asian plates Small-batch coffees and quick sandwiches
Quick Bites	D.P. Dough Claymont Steak Shop Little Teriyaki	Calzones, wings, and breadsticks (can deliver) Philly-style sandwiches, pizzas, and salads Sushi and teryaki-style dishes (can deliver)
Restaurants	Pat's Pizza and Pasta Buffalo Wild Wings The Green Turtle	Italian food chain with great pizzas Wings, beer, and sports Sports bar with American fare

1.2.2 Cleveland and Chapel Streets

Sandwiches	Herman's Meat Shoppe Capriotti's Sandwich Shop	The best meats and sandwiches in town, period Deli chain with signature subs
Pizza	Wood Fired Pizza Shop Domino's Pizza	Artisanal pizza place with craft beers Pizza chain with very fast delivery
Restaurants	Mediterranean Grille Timothy's	Fantastic, quick Greek food New American food with lots of drinks



2. Shopping

2.1 Grocery Stores

2.1.1 Walking Distance from Campus

1. **Newark Natural Foods Co-op**

Fresh, organic grocery store with a cafe attached to it (Cafe 67). This place can get a little expensive, but the quality of the food is what you expect by paying more. It is basically a locally grown Whole Foods, and they have a farmer's market every Sunday from March to November from 9:30am-2pm in front of the store in the parking lot. There are food trucks and lots of local farmers selling their food and other interesting items.

2. **ACME**

A regular chain grocery store that does have a free membership plan to get better deals. To register for this membership, go to <https://www.acmestores.com/acme-savings-card/> and put in your information. There are many different products you can get here for food and other home goods that you may need at a reasonable price. Their produce is very fresh and overall, they have decent prices on everything.

3. **Wang's Oriental Food Store**

Located on Main Street, this family-run grocery store provides all quality ingredients you need for preparing authentic Asian cuisine. Their prices are pretty good and they have a variety of Chinese, Japanese, Vietnamese, and Korean ingredients for your cooking.

2.1.2 Farther from Campus

1. **Shoprite**

A regular chain grocery store that has a free membership to get great deals. To register for this membership, go to shoprite.com, create an account, and press "Enroll Now" on that page. The prices here are very good, even though produce can be a little high. Meats, dairy, and pastas are very cheap and every week, there are new deals that pop up. Check on shoprite.com to find the deals for each week.

2. **Newark Farmer's Market**

Open 7 days a week, this indoor market has fresh, cheap produce including a lot of different international foods from Indian, Asian, Latin, Middle Eastern, and many more types of cuisines. Their prices on produce are fantastic, but the other items may be a little more expensive than at a regular chain supermarket. So, buying your produce here may be a great idea.

3. **Food Lion**

Another chain supermarket that also does have a free membership to get some other great deals. To register for this membership, go to <https://www.foodlion.com/mvp-program/> and sign up. They have really good produce, but their prices and deals are not as good (usually) as Shoprite and ACME on a weekly basis. However, they do carry some really cheap off-brand and unique items that may be hard to find at other places.

4. **Zingo's**

This is a family-owned and run grocery store that has extremely fresh produce and a butcher shop. The prices are fantastic on almost everything, so this is a great independent market that supports local farmers and businesses. To find what is on sale and to get some coupons that you can use every week, check out www.zingosupermarket.com to the full ad and the coupons. They carry a lot of gluten-free, organic, and gourmet items that you may not find at some chain stores.

5. **Alam Halal Meat and Grocery**

This is a place to get Halal meats and other groceries that may be hard to find at other stores. The meats are very good and the prices are reasonable, but there is no produce here. There are only meats and other Middle Eastern delicacies that may be hard to find other places.

6. **New Castle Farmer's Market**

This gigantic indoor farmer's market that is only open on Friday through Sunday has tens of stores, ranging from produce, meats, candy, clothing, picture frames, and more. It really is a great place to get all of your shopping done for the weekend and to get some nice prices on a myriad of items. It can get very crowded near peak times, so be wary of that if you are trying to find a parking spot.

2.2 Shopping Centers and Other Stores

1. **Christiana Mall**

Huge mall with several different stores for electronics, clothes, food, sports, and much more. The surrounding area also has some big stores as well, so it is a great place to spend a couple of hours.

2. **BJ's and Costco**

Two different stores that are perfect for buying food or other goods in bulk and have some awesome deals. However, these stores require a membership fee of \$55 for BJs and \$60 for Costco a year. To sign up for these, go to their respective websites or go to one of the stores.



3. Housing

3.1 Apartments and Houses

Here is a list of apartment complexes within a reasonable distance of campus. Within each entry, you will find comments from other math department graduate students that have lived there and the price ranges for the available floor plans. Note that this is not ranked, but just a list of rooming for your information.

1. Pinebrook

Quiet, but not too far from campus (1.5 miles, easily biked, on the UD shuttle route). Great pool open all summer, also right by the reservoir, which is great for running. Very responsive and friendly management/staff. Approximately one fifth of the department lives here.

- 1 Bed, 1 Bath: \$950
- 2 Bed, 1.5 Bath: \$1000

2. Southgate

Reasonable priced complex that is on the UD shuttle bus route. Make sure that you apply in advance to get a room.

- 1 Bed, 1 Bath: \$850
- 2 Bed, 1 Bath: \$950

3. Colonial Garden Apartments

Located directly on Main Street and is on the UD shuttle bus route, this complex is quiet and the staff is attentive.

- 1 Bed, 1 Bath: \$915
- 2 Bed, 1 Bath: \$1100
- Studio: \$810

4. One Easton

Brand new building located directly on Main Street. There are a lot of undergrads that live here, but the amenities are beautiful, which include a courtyard, fitness center, and study lounges. It also has a UD shuttle stop.

- 2 Bed, 2 Bath: \$970 per person

5. School Lane

Most apartments here are two bedroom, two bathroom and the complex is close to ACME. This complex also has a UD shuttle bus stop.

- 2 Bed, 2 Bath: \$1150 total.

6. The Retreat

This is a relatively new building with both apartment and cottage rental options. It has a UD shuttle bus stop, but it is also undergrad heavy.

- 1 Bed, 1 Bath Lodge: \$1230 per person
- 2 Bed, 2 Bath Lodge: \$930 per person
- 4 Bed, 4 Bath Lodge: \$690 per person
- 4 Bed, 4 Bath Cottage: \$780 per person
- 5 Bed, 5 Bath Cottage: \$760 per person

7. The Reserve At Forest Gate

Relatively new apartments. They are very nice, though are a bit further away from campus, so driving to campus would be necessary.

- 1 Bed, 1 Bath: \$1170
- 2 Bed, 2 Bath: \$1320
- 3 Bed, 2 Bath: \$1520

8. Christina Mill Complex

The apartments are in good shape and the management is competent at their job. It is about 2 miles from campus, but does not have a UD shuttle stop.

- 1 Bed, 1 Bath: \$1030
- 2 Bed, 2 Bath: \$1310

9. Iron Ridge

On the MD side, next to the border between DE and MD, around 6 minutes driving to main campus, quiet and safe community, reasonable price, washer and dryer in unit, good maintenance, swimming pool available in summer, fitness center 24/7.

- 1 Bed, 1 Bath: \$990
- 2 Bed, 1 Bath: \$1020
- 2 Bed, 2 Bath: \$1090
- 3 Bed, 3 Bath: \$1330

10. Stone Gate

In the same community, similar to Iron Ridge.

- 1 Bed, 1 Bath: \$1170
- 2 Bed, 2 Bath: \$1230
- 3 Bed, 3 Bath: \$1320



4. Activities

This chapter will provide an overview of events and activities here and around the Newark area to enrich your life and provide outlets outside of mathematics. There is so much more than the lists that we provide below, but these are great starting points. Many graduate students participate in these activities, so if you have any other questions about a particular one, ask around!

4.1 Activities at UD

1. The Little Bob (The Gym)

Free for students, the UD gym is located very close to Ewing and contains the following, with the ability to rent out some equipment as well:

- Cardio and strength equipment
- Basketball, racquetball, squash, volleyball, and badminton courts
- An Olympic size swimming pool open to the public
- Rock climbing wall (costs a fee)
- Group fitness classes every day (costs a fee)
- Crossfit training groups (costs a fee)

2. Ice Skating at the Fred Rust Arena

On the weekends in the winter, there is ice skating in the ice rink on the South Campus where you can pay to ice skate and rent skates for under \$10.

3. **Intramural Sports Teams**

UD offers a variety of sports leagues and tournaments for students that give an opportunity for all skill levels to participate in friendly competition. The sports include volleyball, basketball, dodgeball, soccer, badminton and many more. Each team costs anywhere between \$3 and \$20 for the season and usually plays once a week for 4-5 weeks in the semester and then a week of playoffs.

4. **Clubs and Teams**

UD offers a variety of clubs, even for graduate students. Some of our grad students have participated in the following clubs and teams over the years: yoga club, swing dance team, powerlifting club, toastmasters, and many more. It is a great way to get out and meet new people outside of the department.

5. **Perkins Live**

Throughout the fall semester, there are free Friday night programs for all UD students that take place at the Perkins Student Center which include comedians, musicians, game nights, and much more. All events usually start at 10 p.m.

6. **Graduate Student Government** Want to be involved in advocating on behalf of your fellow graduate students and construct social and professional programming? Go to Graduate Student Government meetings, be a part of the process, or even become the Senator for the mathematics department. Each meeting takes place the second Thursday of each month.

7. **Sporting Events**

The University of Delaware Fighting Blue Hens Division 1 sports teams play all throughout the year and all events are free for students. Bring your ID cards to any sporting event, which include basketball, volleyball, baseball, soccer, field hockey, wrestling, and many more, and you can get in for free. To check out the schedule, go to bluehens.com.

8. **Department of Music**

The University of Delaware Music Department has concerts every single week with a variety of bands, orchestras, small ensembles, and outside guests. Some of the concerts cost a little bit of money, but the performances are fantastic.

4.2 **Activities In and Around Newark**

1. **Launch Trampoline Park**

A gigantic recreation center with trampoline courts, foam pits, and bounce houses, plus an arcade and snack bar. It is a great way to exercise (they even offer fitness classes) and decompress by just jumping, having a load of fun, and not spending a ton of money.

2. **Escape Rooms**

The two Escape rooms on Main Street and another on Route 72 are really fun ways to interact with your friends and family by trying to solve clues and complete tasks to escape the room. The difficulty level for each room varies and the prices for each room vary, but they are worth an hour or two of your time to try to complete.

3. **Zipline and Tree Top Adventure at Lums Pond** Navigate exhilarating suspended obstacles, epic zip lines, and take in amazing views at this Treetop Adventure in Bear, only 20-25 minutes outside of Newark. This 2-3 hour adventure lets you get outdoors in a really interesting way by using a variety of skills. It can be a bit pricey (about \$58), but it is extremely fun.
4. **Chapel Street Players** Located on North Chapel Street right near the Newark Shopping Center, this community-run theater puts on plays throughout the year. They perform new and classic plays from the varying decades and if you wanted to partake in them, you can audition or help create sets! Go online to chapelstreetplayers.org to learn more about how you can buy tickets, which plays are currently happening, and how you can help or audition.
5. **Days of Knights** Are you into Magic the Gathering, YuGiOh, or just board games in general? The Days of Knights on Main Street hosts game nights that include Magic the Gathering, Star Wars, board games, and many other special events. To check the events that are recurring and other special events, take a look at daysofknights.com.
6. **Community Activities**
Every month, Newark has activities for you to get involved with the community. Some different events include restaurant week, spring concerts, parades, 4th of July fireworks, Turkey Trot, Community Days, and a Spring community clean up. To see the full listing of events in Newark, go to <https://newarkde.gov/162/Community-Events>.
7. **Millburn Orchards**
A great place to go during the fall to go apple picking, as well as get apple cider, donuts, ice cream, pumpkins, and to pick your own grapes, blueberries, and other fruit. Go to <http://www.milburnorchards.com/> to see what apples are in season and what other events are being offered throughout the spring, summer, and fall.

4.3 Parks

For a review of all parks in Newark, go to <http://gis.cityofnewarkde.us/gis/parks/>. Here are a couple of choices in and around Newark.

1. **White Clay Creek State Park**
Lots of trails for hiking, running, and mountain biking, and great scenery extremely close to the campus of the University of Delaware. If you want to drive and park your car, it will cost \$4 for in-state license plates.
2. **Lums Pond State Park**
There are lots of hiking, running, biking, equestrian, and water trails, and also many pavilions you can rent for barbecues and other events. Driving your car into the park will cost \$4 for in-state license plates.
3. **Valley Garden Park**
A free park that has several scenic trails and a very well maintained and pretty garden.
4. **Middle Run Valley**
An 850-acre scenic state park offering over 16 miles of trails and the scenic John C. Vansant

house.

5. **Brandywine State Park (Wilmington)**

A 933 acre state park with 14 miles of trails, two nature preserves, and fishing holes. It is a really nice place for picnics, fishing, and sledding, and it has a Halloween Haunted Trail in the fall.

6. **Glasgow Regional Park**

This is a great park for weekend to relax and enjoy the outdoors. There is a dog park, skate park, basketball courts, tennis courts, and pavilions to rent out for event space.

7. **Carousel Park**

The 217-acre park's main attraction is its equestrian center and pond. A nice place to take the kids for an outdoor walk around the pond to feed the ducks. There is a big grassy area for the Dog Park and wonderful paths with surprises here and there which make for great pictures! On Friday and Saturday, they have a nice farmer's market.

8. **Longwood Gardens**

This 1077 acre botanical garden in Kennett Square, Pennsylvania has a rich history and is absolutely breathtaking. It is one of the premier display gardens in the United States with exotic plants and horticulture (indoors and outdoors), events and performances, seasonal and themed attractions, and educational lectures, courses and workshops. This is a must see during the holidays! Prices range from about \$20-30.

4.4 Biking, Hiking, and Running Trails

To find more biking and hiking trails around, go to <https://www.alltrails.com/explore/us/delaware/newark> to see all trails, reviews, photos, and experience levels. Here are some of our favorites.

1. **Creek Road Trail**

The Creek Road Trail extends north from a connection with the Pomeroy and Newark Rail Trail in White Clay Creek State Park. The scenic park features over 37 miles of running trails through wooded valleys just north of Newark.

2. **Whitely Farms Trail at White Clay**

Nice trail through hardwood forest and meadows that is partly paved, but mostly dirt and gravel. This is fun for running and mountain biking.

3. **Lenape Loop South, Middle Run Natural Area**

It's a 3.6 mile loop trail located near Newark. The dirt trail is primarily used for hiking and is pretty technical. However, it is accessible year-round.

4. **David English Trail and Boundary line at White Clay**

It is a 6.9 mile trail located nearby. The trail is primarily used for mountain biking, but can be a great running trail.

5. **Delaware Arc Monument**

Forested hike to the 1892 ARC monument where DE meets PA. This dirt trail is accessible via

Hopkins Road, near the White Clay Nature Center.

6. **Fair Hill**

This park and nature center, which is 15 minutes away in Maryland, has hilly trails, beautiful countryside mountains, and equestrian trails, which are all perfect for bikers, runners, and dog walkers.

7. **Newark Reservoir**

This 1.1 mile loop is a paved path near Newark, that is primarily used for running.

4.5 Movie theaters

1. **Main Street Movies 5**

This newly renovated movie theater on Main Street in the Newark Shopping Center has 5 movie theaters with reclining seats and special deals throughout the week. It is a family owned and operated theater, and all movies on Tuesday are \$6. Prices for movies range from \$8-\$12, depending on the time and type of movie.

2. **Cinemark Christiana**

For more of a variety, this theater at the Christiana mall usually is playing over 10 different movies from blockbusters to indie films. Tickets here usually range from \$8-\$15 depending on the time and type of movie.

3. **Penn Cinema and Riverfront 14 and IMAX** The closest IMAX movie theater to Newark, this gigantic 14 screen theater in Wilmington holds many great movies from blockbusters to classics as well. It is quite a trek to see a movie and it is a bit more pricey than usual, but seeing a film in IMAX is worth it. Tickets range here from \$9-\$20 for IMAX tickets.



5. Transportation

5.1 Road Transportation

1. **Dart (Local transportation)**

You can take route 33 or 55 to Christiana Mall, which runs through Newark every 30 minutes. Go to dartfirststate.com to see the times, as they change periodically.

2. **Megabus**

There's a bus station close to Christiana Tower. The tickets can be pretty inexpensive, but the earlier you book, the cheaper the price. The bus goes to several places: Baltimore, Hampton, New York City, Washington DC, Philadelphia, Richmond. To book, go to <https://us.megabus.com/> and find tickets.

3. **Greyhound**

More comfortable than Megabus, but the closest station is in Wilmington or Philadelphia. To book, go to <https://www.greyhound.com/north>.

4. **Amtrak**

This train goes almost everywhere on the East Coast of the US, but it is much more expensive than buses. However, it is quicker and more comfortable in most cases. There's a station right near the STAR campus, and to book a ticket, go to www.amtrak.com

5.2 Airports

1. Philadelphia International (PHL)

This is the closest airport to Newark which is about 40 minutes away. You can book Delaware Express, which is a private bus company, for pick up and drop off service on <https://delexpress.com/>. You can also take a train from the airport to Newark, but is a very long trip and can be expensive.

2. Newark Interational (EWR)

This is Newark, New Jersey and not Delaware. There are some cheaper flights out of this airport, which is 2 hours away from UD. You can take a MegaBus or train to the airport.

3. John F. Kennedy International (JFK)

This is right outside of New York City and has several international nonstop flights. It is accessible via public transportation as you can take the subway to Penn Station then take Amtrak or a bus to Newark, DE.

4. Baltimore-Washington International (BWI)

This airport on the outskirts of Baltimore is a very big international airport, but is not too easy to get there from Newark on public transportation. The best way is to take Amtrak from the airport stop to Wilmington and then a bus from Wilmington to Newark.

5. Ronald Reagan Washington National (DCA) and Dulles International (IAD)

Both of these airports are in Washington D.C., but are both hard to get to via public transportation, with the only way being Amtrak. However, there are very inexpensive flights out of these two airports.

5.3 Car Rentals in Newark

1. Hertz

You can join a free golden membership for rewards, and their prices are pretty reasonable for longer trips. To see pricing, go to <https://www.hertz.com/rentacar/reservation/>.

2. Enterprise

You can join Enterprise Plus to get rewards as well, and their prices are comparable with Hertz. However, they have more of a selection of cars. For more information, check out <https://www.enterprise.com/en/home.html>

3. Zipcar

There are cars on the UD campus which you can use for day trips, or even just for a few hours. To become a member, which is only \$15 a year with gas and insurance included, go to <http://www.zipcar.com/ud>.

5.4 Buy a car

5.4.1 How to get a driver's license

To get your driver's license, you must pass both the knowledge test and the road test. (If you already have a valid driver license from another state, these two tests can be waived.) The closest Division of Motor Vehicles is in Delaware City.

Permit

There will be 30 questions and you must answer at least 24 questions correctly to pass the test.

1. Material to prepare
 - (a) Delaware Driver's Manual (You can find Manuals on the website of DMV).
 - (b) Sample tests on the website of DMV.
 - (c) App: 'DMV Driving Test.'
2. Take the knowledge test, where there is no appointment required. Remember to bring the following to the test:
 - (a) Proof of identity
 - (b) Proof of legal presence (could include your passport, I-94, I-20/DS-2019/IAP-66)
 - (c) Two proofs of Delaware residence (for example, Lease of your apartment, bill of electricity, statement from bank)
 - (d) Proof of Social Security Number

To see the up-to-date list of needed identification, go to https://www.dmv.de.gov/services/driver_services/drivers_license/dr_lic_doc_table.shtml

Road Test

You will be asked to do a three point turn or U turn, parallel parking, make left and right turns, back 50 feet, use right-of-way rules, change lanes, respond to road signs, traffic signals and pavement markings, maintain proper speed, merge with traffic, etc. Some driving schools are Leeto Driving School and the Wilmington Driving School.

5.4.2 Useful website for buying a car

1. To search for cars: <https://www.cars.com/>, <https://www.carmax.com>, and <https://www.truecar.com/>
2. Website to estimate the price of the used car: www.kbb.com
3. Check the title of the car: www.carfax.com and www.autocheck.com

5.4.3 Insurance

If you have a driver's license, you can take a defensive driving course online. You will get a 10% insurance discount.

1. Geico
2. State Farm
3. Progressive
4. 21st Century Insurance

Before you decide which insurance company you will use, just go to their website and get a free quote. You will be told how much you will need to pay for your insurance. Compare all prices they offer and make the best decision for your car.

6. About SIAM

6.1 What is SIAM?

The Society for Industrial and Applied Mathematics (SIAM) was incorporated in 1952 as a nonprofit organization to convey useful mathematical knowledge to other professionals who could implement mathematical theory for practical, industrial, or scientific use. It was founded in Philadelphia, but it is now an international organization that is 13,000 members strong coming from more than 500 employers.

SIAM publishes textbooks, research monographs and a variety of other publications in applied mathematics. It has 16 peer-reviewed journals, and the UD Mathematical Sciences faculty have been very involved in a number of these journals. Some of the faculty are currently editors of several of the journals.

UD Mathematical Sciences faculty have also held a number of top posts at SIAM. Prof. Pamela Cook was President of SIAM (2015-16) after she served as Vice President for Publications, Editor-in-Chief of the SIAM Journal on Applied Mathematics, and two terms as Secretary of SIAM (the maximum number of times that one can be elected). Prof. Emeritus Ivar Stakgold was President of SIAM for the term 1989-90. You can read more about SIAM and its history at the following URL: <http://www.siam.org/about/more/overview.php>. If you browse the list of SIAM Presidents, you'll see quite a list of notable applied mathematicians, numerical analysts, and computational scientists.

6.2 University of Delaware Chapter of SIAM

The SIAM Student Chapter at UD was founded in 2004 by Prof. Braun and some motivated students. UD's student chapter was approximately the 22nd student chapter that was formed; there are currently 158 student chapters of SIAM.

The Delaware chapter is a place where you can meet people and make friends. We organize social group activities and invite speakers from industry. It's a place to have fun and also prepare yourself for your future career.

2017-2018 Executive Board

Faculty Advisor: Richard J. Braun

President: Samuel Cogar

Vice President: Kristopher Hollingsworth

Secretary: Nicholas Russell

Treasurer: Michael Bush

6.3 Why and How to Become a Member of SIAM

Undergraduate and Graduate students can get student memberships for free! As a SIAM member, you are eligible for a 30% discount on SIAM books. You will also receive free subscriptions to SIAM News, SIAM Review, and SIAM Unwrapped, and have access to career information as well as cutting-edge research. If students apply for SIAM Student Travel Awards to attend SIAM conferences, your membership in SIAM might tip the balance in their favor if all other qualifications are equal among candidates..

Click on the following and become a member now!

<https://my.siam.org/RegisterCustomer.aspx?returnurl=%2fJoin%2fProfile.aspx>

If you join, be sure to tell the officers so that you can be informed of all the student chapter's activities.



ASSOCIATION FOR WOMEN IN MATHEMATICS

7. About AWM

The Association for Women in Mathematics (AWM) is a non-profit organization with over 3000 members that serves two purposes: first, to encourage women and girls to study and to have active careers in the mathematical sciences and second, to promote equal opportunity and the equal treatment of women and girls in the mathematical sciences. With the support of the Department of Mathematical Sciences, we started an AWM student chapter in November 2008.

The Delaware AWM student chapter is open to all undergraduate and graduate students, regardless of gender and major. Its purpose is to educate and provide information about career opportunities in mathematics, to facilitate networking with professional mathematicians and the Delaware community itself, and to develop leadership skills. The chapter fosters the exchange of not only research ideas, but also personal experiences providing Delaware graduates with an edge in the early stages of their career.

We conduct meetings and sponsor activities throughout the academic year. Sponsored activities include talks by students or professional mathematicians on either their research or their career path; lunches with colloquium speakers; informal panel discussions about experiences as women in mathematics; participation in local conferences; and organizing stress-free, non-academic group outings.

2017-2018 Executive Board

Faculty Advisor: Constanze Liaw

President: Jenifer Hummer

Vice President: Emily Bergman

Secretary: Rayanne Luke