

usician. **TEACHER. FIRST GENERATION STUDENT.** Historian. Doctor. Accountant.  
**ENGINEER. VOLLEYBALLER.** Paramedic. **MATHEMATICIAN. PH.D. STUDENT.** Busin  
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**CEO. ECONOMIST. LAWYER.** Veterinarian. Psychologist. **SOCIAL WORKER. PARE**  
ayer. Public Policy Analyst **BIOLOGIST. TRANSFER STUDENT LEADER.** Actor. Jour  
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storian. Doctor. Accountant. Environmental Scientist. **CHEMICAL ENGINEER. VOLL**  
paramedic. **MATHEMATICIAN. PH.D. STUDENT.** Business leader. Singer. Historian. D  
**WORKER. WORLD TRAVELER.** Mechanical Engineer. **CO-FOUNDER AND CEO. EC**  
**LAWYER.** Veterinarian. Psychologist. **SOCIAL WORKER. PARENT.** Gamelan Player. C  
blic Policy Analyst **BIOLOGIST. TRANSFER STUDENT LEADER.** Actor. Journalist. B  
nger. **INFORMATION SYSTEMS EXPERT. INTERNATIONAL STUDENT.** Neurosc

[ FIND YOURSELF ]



UMBC

AT



The Universities  
AT SHADY GROVE

PRE-TRANSFER ADVISING  
IS AVAILABLE!

**9** UNIVERSITIES WITHIN THE UNIVERSITY SYSTEM  
OF MARYLAND ON ONE CAMPUS

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**100%** TRANSFER STUDENTS

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**50+** USG STUDENT ORGANIZATIONS **28** AVERAGE AGE OF STUDENTS

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**18:1** STUDENT TO FACULTY RATIO

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 **TOP 3.3%**  
OF UNIVERSITIES WORLDWIDE  
– CENTER FOR WORLD UNIVERSITY RANKINGS

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# 88%

USG GRADUATES ARE WORKING IN THE REGION OR ATTENDING GRADUATE SCHOOL IN THEIR INTENDED FIELD

# 689

USG SCHOLARSHIPS AWARDED IN 2021 TO STUDENTS TOTALING

# \$1,351,788





# YOU HAVE **BIG DREAMS.** AT UMBC, WE WILL REACH TOGETHER TO ACHIEVE THEM.



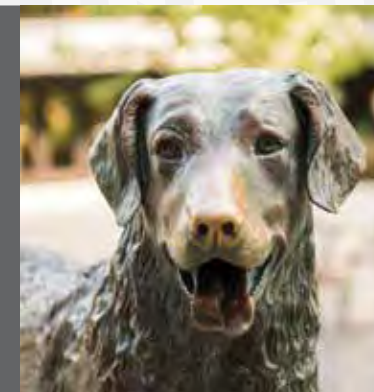
**GREAT THINGS HAPPEN** when you're part of a community that supports and believes in you. When you transfer to #RetrieverNation, you will work with professors who are recognized nationally not only for their expertise, but for their commitment to undergraduate teaching.

You will discover that curiosity and determination know no limits at UMBC. Our collaborative culture both challenges and supports everyone to push boundaries and make big breakthroughs. **Here, you will build the skills and knowledge you need to succeed in whatever you set out to do.**

# TRUE GRIT

MORE THAN A MASCOT

**GRIT.** It's an attitude, defined by courage, resolve, and strength of character, which embodies the indomitable spirit of UMBC. The UMBC mascot, True Grit—an aptly named Chesapeake Bay Retriever—represents the values of our university: academics, community, wellness and civic agency. The spirit and values of UMBC are reflected here at UMBC at The Universities at Shady Grove too. Our students show grit every day while working hard toward their degrees. **And grit goes a long way at UMBC and beyond.**







## IN BRIEF

### UMBC AT THE UNIVERSITIES AT SHADY GROVE (USG)

USG is a consortium of nine universities within the University System of Maryland. UMBC, a public honors university, is among the institutions at USG. Students at UMBC-Shady Grove benefit from small class sizes, close faculty-student collaboration, and a diverse student population. USG is conveniently located in Montgomery County, a Washington D.C. suburb close to many government agencies, non-profits, national museums and historic sites as well as major healthcare and behavioral health organizations.

### UMBC PROGRAMS AT USG:

- » Undergraduate Programs offered specifically for transfer students: Computer Science, History, Political Science, Psychology, Social Work, and Translational Life Science Technology (TLST).
- » Graduate M.P.S. Programs: Biotechnology, Cybersecurity, Data Science, Industrial/Organizational Psychology, and Technical Management.

### CONVENIENT SERVICES:

- » **PRE-TRANSFER ADVISING:** Advising is available for all students to assist with course planning prior to transfer. Please visit the Pre-Transfer Advising website (listed on page 36) to schedule an appointment.
- » **INTERNSHIP AND CAREER SERVICES:** Students at UMBC-Shady Grove are encouraged to go beyond the classroom and experience the real world by participating in internship and research opportunities. On-site resume reviews, mock interviews, and placement assistance are available to all students.
- » **THE SHRIVER CENTER,** a national leader in civic engagement and community service-learning programs, offers UMBC-Shady Grove students opportunities to foster community development and leadership skills through service-learning placements.
- » **GROVER ESSENTIALS:** USG recognizes that food insecurity and hunger are prevalent on college campuses and can have a negative impact on physical, mental, and emotional health. For that reason, USG has developed an on-site resource to increase food access and promote wellness at USG. Grover Essentials was opened at the end of August 2018 to provide supplemental food and basic necessities that we hope will contribute to the well-being and success of our community.



## CONVENIENCE AND SERVICE

**USG IS LOCATED JUST OFF I-270 IN ROCKVILLE, IN THE HEART OF MONTGOMERY COUNTY AND MINUTES FROM THE CAPITOL BELTWAY.**

All students at each of the nine institutions represented at USG have access to campus services including the Career and Internship Services Center, the Center for Counseling and Consultation, the Macklin Center for Academic Success, and the Center for Student Engagement and Financial Resources. USG is a full-service campus, aside from on-campus housing. Students have access to the Campus Rec Center, dining options, the Priddy Library, and a copy center. USG also has 24/7 security personnel on campus.



# BACHELOR OF SCIENCE IN COMPUTER SCIENCE

**UMBC's B.S. in Computer Science**, an ABET accredited program, introduces students to a rich and diverse discipline. Opportunities in the exciting emerging fields such as artificial intelligence, machine learning, cybersecurity, malware analysis, mobile computing, graphics, game design, quantum computing, human-computer interaction, forensic analysis, and data science are accessible in a wide range of environments. Computing jobs are in the top of the fastest growing and highest paid jobs in the country according to Bureau of Labor Statistics. UMBC Computer Science graduates are employed by varied businesses\*: tech industry leaders, government agencies, the defense industry, and video game design companies. Other major employers include financial technology, transportation, and a variety of other startups.

Graduates of the Computer Science program are well prepared for advanced studies and for problem-solving across the breadth of the discipline: theory, design, architecture, development and application of computers and computer systems. Many go on to graduate school in top Computer Science and Computer Engineering departments. Career paths include software engineers, database administrators, network architects, computer programmers, web developers, and information security analysts.

#### REQUIRED TRANSFER COURSEWORK:

- Computer Science I with a grade of B or higher†
- Computer Science II with a grade of B or higher†
- Discrete Structures with a grade of C or higher†
- Calculus and Analytic Geometry I with a grade of C or higher†
- Calculus and Analytic Geometry II with a grade of C or higher†

#### RECOMMENDED TRANSFER COURSEWORK:

- Natural science including a sequence in Biology, Chemistry, or Physics that must include at least one lab, with a grade of C or higher and no more than one prior attempt\*\*
- English Composition
- 2 Arts and Humanities courses (from at least two different disciplines)
- 3 Social Science courses (from at least two different disciplines)
- World Language 201-Level (consult advisor about expectations)

**Note:** Courses marked with \*\* are **strongly recommended** prior to transfer. For more information regarding course transferability and pre-transfer advising, see page 36.

#### Questions about the Computer Science Program?

Contact Jeanette Kartchner at [USGdirector@cs.umbc.edu](mailto:USGdirector@cs.umbc.edu).



#### MEET THE DIRECTOR

"'Alexa, turn on the lights.' Congratulations, you've just implemented a script with syntax, keywords, functions and parameters. Some of the fundamental building blocks of a computer scientist.

I became interested in computers in the early '80s. The small company I worked for had just purchased a computer that took up most of a small room, and only did a few basic things. But I was intrigued and started taking classes in Fortran and Assembly, and found a new passion that would lead me into becoming a computer scientist.

So...what does a computer scientist look like? We're ordinary people doing extraordinary things. We are critical thinkers. We take things we already know and weave them in with new exciting ideas and in new ways to solve problems. We are explorers. Always pushing forward the edge of what is possible. We are dreamers. We are movers and shakers. We value the power that comes from the strength of diversity. We are lifelong learners.

Come find the extraordinary that drives you."

- JEANNETTE KARTCHNER

ASSOCIATE UNDERGRADUATE PROGRAM DIRECTOR

#### TEACHING STYLE

Promotes self-learning and critical thinking skills through hands-on activities and content discussions. Questions are welcomed in an open-learning environment that fosters the exploration of new ideas and creative solutions.

#### PROFESSIONAL PAST

Designed and implemented systems for classified projects as an aerospace software engineer with McDonnell Douglas. Principal investigator for research and development of an automated military communication parsing system. 25+ years of collegiate teaching in Computer Science, Information Science and Mathematics.

#### ACADEMIC AREAS OF FOCUS

Foundations, Algorithms, Programming Languages, Informatics, Software Engineering

#### INTERESTING FACT

My first two years of study were in Elementary Education. While sitting in the back of a 2nd grade classroom on a field trip to a local elementary school, I knew before lunch that this was not the career for me. I changed my major the next day.

\*Google, Amazon, Microsoft, NSA, NIST, CIA, Northrop Grumman, Lockheed Martin, Firaxis, JP Morgan, T. Rowe Price, Legg Mason, UPS, and many more ...

Note:† Computer science students are permitted two attempts in courses required for the major or courses required to progress in the major. A course in which a student earns a grade of "W" (withdrawal) is counted as an attempt. Please note that you will not be permitted a third attempt in required courses taken at UMBC or another institution.





# CREATING COMMUNITY

**CAROL RIOS ROCHA '22**  
**COMPUTER SCIENCE**  
HOMETOWN: Salvador, Brazil

## FINDING THE MAGIC

From the first time she learned how to write code, Carol Rios Rocha knew that computer science was the perfect discipline for her. A transfer from Anne Arundel Community College, Carol was immediately spellbound by what she called the "magic" of writing a few lines and seeing something happening on the screen. So, as an adult learner and international student set on planning the next steps in her academic journey, the prestige of UMBC's Computer Science program was immediately appealing.

## A CHANCE TO CONNECT

The learning community of Shady Grove was another significant draw for Carol. She liked that she would be joined on campus by students and faculty from eight other University System of Maryland institutions, and would have the opportunity to interact with a diverse network on campus. She also has appreciated the small class sizes and individual attention provided by UMBC faculty, especially Associate Undergraduate Program Director for Computer Science, **Jeannette Kartchner**.

## CLAIMING A FUTURE

"Professor Kartchner has been able to create a community within our program," Carol remarked. "In my first class, she recommended a program called N-volve, which promotes female students and women interested in STEM careers, that has been awesome for me."

Through the convenience of Shady Grove and the high quality of a UMBC education, Carol is claiming her future in the world of Computer Science.



“

*I knew I wanted to pursue Computer Science before I left Anne Arundel [Community College], and UMBC had a great reputation for that. Being at UMBC-Shady Grove is more convenient for me.*

”

- CAROL RIOS ROCHA

# BACHELOR OF ARTS IN HISTORY

With an emphasis on international historical perspectives, **UMBC's B.A. in History** at the Universities at Shady Grove is designed to provide a broad overview of the human past by exploring how different peoples have built their worlds and made sense of them over time. UMBC History alumni have enjoyed success in business, government, education, law, and public policy—and as entrepreneurs.

The History Program also offers a **Minor in Public History**, a field which brings historians together with partners and audiences to engage in productive conversations about the value and usefulness of the past. The Public History minor introduces students to a wide breadth of practices, including historic sites documentation, cultural resources management, historic preservation planning, oral history, museum studies, and digital history.

## RECOMMENDED TRANSFER COURSEWORK:

- 3 history classes at the 100- or 200-level, with at least one in U.S. history and at least one in non-U.S. history\*
- English Composition \*
- 3 Arts and Humanities courses (from at least two different disciplines)
- 3 Social Science courses (from at least two different disciplines)
- College Algebra or Statistics
- 2 Science courses (at least one must have a lab component)
- World Language 201-Level (consult advisor about exceptions)

**Note:** Courses marked with \* are **strongly recommended** prior to transfer. For more information regarding course transferability and pre-transfer advising, see page 36.

## Questions about the History Program?

Contact Dr. Andrew Nolan, Program Director, at [nolan@umbc.edu](mailto:nolan@umbc.edu) or 301-738-6182.



## MEET THE DIRECTOR

"Here at UMBC at The Universities at Shady Grove, engaged, experienced, and talented history professors provide you with a broad overview of the human past by leading you in explorations of how different peoples have built worlds

and made sense of them over time. In addition, your instructors will help you acquire several practical and eminently marketable skills that will open doors to a variety of careers: how to read analytically, how to write clearly, and how to think critically. Our students can also complete a minor in Public History, a field that engages historians and broader audiences in productive conversations about their shared past. Students will take classes and complete an internship that give them experience in such fields as historical preservation, oral history, museum studies, and digital history."

- DR. ANDREW NOLAN  
HISTORY PROGRAM DIRECTOR

## TEACHING STYLE

Will do what is necessary to help students learn. Students will practice how to read, think, and write; they won't just learn history, they will learn to make history.

## PROFESSIONAL PAST

Worked as a desktop publisher, telecommunications consultant, and journalist before returning to school, earning his M.A. from the University of Maryland and Ph.D. from the University of Illinois. Prior to coming to UMBC, taught at institutions including the University of Nevada, Reno and Binghamton University.

## ACADEMIC AREAS OF FOCUS

Modern U.S. history, cultural and constitutional history, history of science and religion, writing and research methods.

## INTERESTING FACT

Currently exploring and conducting research on popular representation of human evolution—and dinosaurs—in U.S. culture.







# LIVING HISTORY

**LEIGH ROBERTSON '22**  
**HISTORY**

**HOMETOWN:** Rockville, Maryland

## CHARTING A PATH

"How can we know who we are and try to have a vision for where we're going without knowing where we've been?" This is how Leigh Robertson, a History major and Public History minor, approaches her study of history. It also tells a lot about how she views herself and her academic journey, which has taken her a hundred miles from home before returning to Montgomery County and discovering her passion for history.

After a year at nearby Montgomery College (MC), Leigh felt a need to get away from her home in Rockville. She transferred to Temple University in Philadelphia and spent two semesters there, time she recalls as important in shaping her to be the person that she is, but not the most fulfilling academic experience of her life. So she came back to MC and finished an associate degree in general studies.

## THE STORY OF US

While there, Leigh took a history class and met **Dr. Andrew Nolan**, History Program Director at UMBC-Shady Grove, when he came to talk to her class.

"That history class reminded me how awesome history is," she remembered. "I hadn't been that

excited about school in a long time. The way Dr. Nolan talked about USG and the UMBC history program, it sounded like an exciting fit for me. Everyone was so welcoming at the open house, and it really seemed like I had finally found the right place."

It was Dr. Nolan who first introduced Leigh to the concept that history is, as she put it, "the story of us." It was a perspective that immediately resonated with her. "You need context for everything," she said. "We have to place ourselves in the story of humanity."

## EXPLORING EVERY ANGLE

As a Public History minor, Leigh has explored that concept even further with Public History Coordinator **Dr. Melissa Blair**, who oversees the public history minor at UMBC-Shady Grove. Now, Leigh sees herself using her degree to work in that world of public history to help maintain the living history all around the greater Washington area.

For Leigh, pursuing a degree in history has given her much-needed context, not only for the world as it has evolved over time, but also as she explores every angle of where her UMBC-Shady Grove degree can lead her.

“

*I hadn't been that excited about school in a long time. The way Dr. Nolan talked about USG and the UMBC history program, it sounded like an exciting fit for me. Everyone was so welcoming at the open house, and it really seemed like I had finally found the right place.*

”

- LEIGH ROBERTSON

Leigh



# BACHELOR OF ARTS IN POLITICAL SCIENCE

## UMBC's B.A. in Political Science

provides the framework to understand the business of the Washington D.C. region: politics. The program offers students a wide range of courses and internship opportunities in pre-law, public policy, and international affairs with the objective of developing careers that are innovative, engaging, and rewarding. Alumni work for federal, state, and local governments, NGOs and international agencies. In addition, many alumni have attended prestigious law and graduate schools while other graduates have started their own businesses and not-for-profits.

## RECOMMENDED TRANSFER COURSEWORK:

- American Government \*
- Two 200-level Political Science Courses \*
- English Composition \*
- 3 Arts and Humanities courses (from at least two different disciplines)
- 3 Social Science courses (two additional Political Science courses and one other discipline)
- College Algebra or Statistics
- 2 Science courses (at least one must have a lab component)
- World Language 201-Level (consult advisor about exceptions)

**Note:** Courses marked with \* are **strongly recommended** prior to transfer. For more information regarding course transferability and pre-transfer advising, see page 36.

## Questions about the Political Science Program?

Contact Dr. Sunil Dasgupta, Program Director, at [sunildasgupta@umbc.edu](mailto:sunildasgupta@umbc.edu) or 301-738-6313.



## MEET THE DIRECTOR

"UMBC's program in Political Science at the Universities at Shady Grove offers students a way to understand, analyze, and contribute to political life. We offer courses and internship opportunities in pre-law, public policy, and international

affairs and help students develop innovative, engaging, and rewarding careers based upon political science training."

- DR. SUNIL DASGUPTA  
POLITICAL SCIENCE PROGRAM DIRECTOR

## TEACHING STYLE

Intensive, substantive, and skills-driven.

## PROFESSIONAL PAST

Served as a news reporter covering national security and military affairs. Ph.D. University of Illinois.

## ACADEMIC AREAS OF FOCUS

Local politics, community organizing, public policy, and political economy.

## INTERESTING FACT

Hosts "Wednesday Wipeout," a discussion group through which students and faculty meet weekly on the USG campus to discuss current events. This group is open to all staff, faculty, and students, including interested prospective students. In addition, Dr. Dasgupta enjoys traveling and will travel anywhere.







# POWER FROM EDUCATION

## NOWSHIN AHMED '21 POLITICAL SCIENCE

HOMETOWN: Silver Spring, Maryland

### MORE THAN MEETS THE EYE

For most people, the idea of political science conjures up pictures of politicians running for office, governing a society, and debating the issues. But as UMBC-Shady Grove Political Science student Nowshin Ahmed knows, there is so much more to it than that.

"I always knew that I wanted to go into international relations, something that got deeper into humanities work," Nowshin said. "That lured me into studying political science, because it gets intertwined with any humanitarian work that I might be interested in."

### STAND UP FOR CHANGE

Nowshin is a first-generation American citizen whose grandfather fought in the Bangladesh Liberation War in 1971. She described her parents and grandparents as passionate about politics, and her worldview has been shaped by their experiences.

"I've seen a lot that can traumatize you at a young age and make you

wonder why these things are happening," she reflected. "For me, that made me want to stand up and make some change. I want to do everything in my power to represent people who look like me and give them the confidence to do what they can to make a difference, whether that's locally, nationally, or globally."

### REACHING TOGETHER

Nowshin chose UMBC-Shady Grove in part because of its convenience to her home, but it has been the small class sizes and meaningful interactions with professors that has made a lasting impact. "I got a confidence from them that I could do more with my degree," she said.

Whatever she ends up doing, she knows she will make an impact on the world around her by applying the skills and experience gained at UMBC-Shady Grove to her passion for bringing about meaningful change. With her political science acumen, Nowshin will be able to reach together with difference makers around the world to help create the society she wants for the future.

### PEER ADVISORY TEAM

The UMBC Peer Advisory Team (PAT) is comprised of current UMBC-Shady Grove students, and serves as a critical point of contact in the successful and seamless transition of students transferring to UMBC-Shady Grove. PAT members undergo extensive leadership development and work closely with UMBC-Shady Grove administrative staff, faculty, and current students to reach out, serve, and create meaningful connections with prospective students through a variety of formal and informal recruitment and retention events.

# BACHELOR OF ARTS IN PSYCHOLOGY

**UMBC's B.A. in Psychology** offers students a variety of career options in psychology, social services and other public sector professions. In addition to research opportunities, students work hand-in-hand with faculty who are professionals in the field. Psychology is often a first step toward graduate school, professional school, careers in advertising, business, civil services, human relations, public relations or any other field that includes extensive work with people.

## RECOMMENDED TRANSFER COURSEWORK:

- Introduction to Psychology \* (counts as one of three Social Science courses - see below)
- Statistics \*
- English Composition \*
- 3 Arts and Humanities courses (from at least two different disciplines)
- 3 Social Science courses (from at least two different disciplines)
- 2 Science courses (at least one must have a lab component)
- World Language 201-Level (consult advisor about exceptions)

**Note:** Courses marked with \* are **strongly recommended** prior to transfer. For more information regarding course transferability and pre-transfer advising, see page 36.

## Questions about the Psychology Program?

Contact Dr. Diane Alonso, Program Director, at [dalonso@umbc.edu](mailto:dalonso@umbc.edu) or 301-738-6318.



## MEET THE DIRECTOR

"The UMBC Psychology Program at The Universities at Shady Grove (USG) offers a large variety of pathways of study along with the opportunity for students to individualize their academic plan. While the degree program provides

breadth within the six domains specified by the American Psychology Association (APA), it also offers depth into more specific areas of interest. Students in the program have the opportunity to engage in research and participate in internships."

- DR. DIANE ALONSO  
PSYCHOLOGY PROGRAM DIRECTOR

## TEACHING STYLE

Uses a combination of teaching styles depending upon the needs of the class. These include, but are not limited to, lecture, seminar-style, active learning, problem-based, and team-based learning.

## PROFESSIONAL PAST

Has over 10 years of experience working in industry both for IBM's Federal Systems Division and for Computer Sciences Corporation's Health and Human Services Division.

## ACADEMIC AREAS OF FOCUS

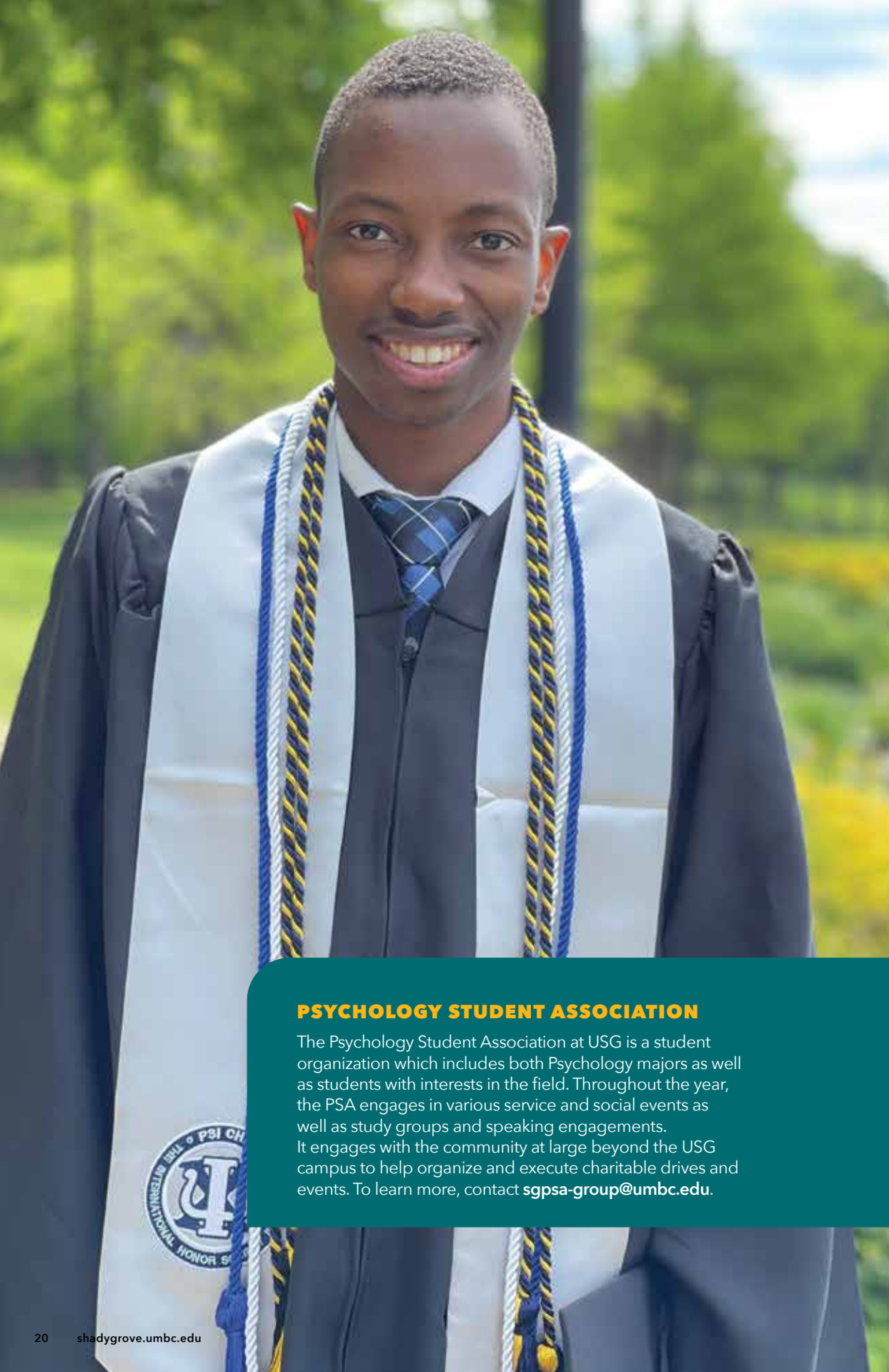
Cognitive psychology.

## INTERESTING FACT

Has performed locally in community and professional theaters in the D.C. metro area for over 15 years.







# CHOOSING THE RIGHT FIT

## HENRI MAINDIDZE '21 PSYCHOLOGY

HOMETOWN: Montgomery Village, Maryland

### QUALITY MATTERS

Henri Maindidze has lived in Montgomery County all his life. But when it came time to pick a college, convenience was not a serious consideration. What mattered to Henri was the quality of the psychology program, and he knew that the degree he would earn at UMBC-Shady Grove was second to none.

"I just thought it was the best fit for me," said Henri. "I knew UMBC was a great school for psychology, and the personal touch I got from folks like Psychology Program Director **Dr. Diane Alonso** while I was taking classes at Montgomery College helped me learn about the program at Shady Grove."

### INDIVIDUAL FOCUS

When he arrived, Henri was glad to see that the individual focus remained a key part of his academic experience. Enriching and enjoyable classes not only immersed him in the world of psychology, but also helped him frame his mind to consider what might come next. Dedicated faculty such as Psychology Lecturer

**Dr. Donald Knight**, who Henri said helped him approach his classes with an eye on career readiness, also opened him up to the possibilities UMBC-Shady Grove presented beyond the curriculum.

### COMMUNITY INVOLVEMENT

"If you just go to the classroom, you miss out on something," Henri remembered. "Working with the Psychology Student Association was a great opportunity to get to know different groups of students and faculty. We also were able to start USG's first-ever podcast, Nine Tea, and I also was fortunate to get to work on the student council. I've always been someone that wanted to be involved, and it helped that UMBC and USG provided welcoming communities of faculty and staff."

Ultimately, the decision to pursue his degree at UMBC-Shady Grove is one that Henri says opened up a lot of doors that will help him claim a bright future. "It's nice that it's close to home," he said, "but I can see the standards that are there and I'm grateful that I chose UMBC."

### PSYCHOLOGY STUDENT ASSOCIATION

The Psychology Student Association at USG is a student organization which includes both Psychology majors as well as students with interests in the field. Throughout the year, the PSA engages in various service and social events as well as study groups and speaking engagements. It engages with the community at large beyond the USG campus to help organize and execute charitable drives and events. To learn more, contact [sgpsa-group@umbc.edu](mailto:sgpsa-group@umbc.edu).

**UMBC's B.A. in Social Work** offers a unique environment of small class sizes, close faculty and student collaboration, and a diverse student population. Our fully accredited program is responsible for preparing social work professionals in beginning generalist practice with individuals, families, groups, and communities through a hands-on field placement. More than 80 percent of graduates go on to graduate and professional schools.

## RECOMMENDED TRANSFER COURSEWORK:

- **Minimum GPA 2.5 \* (Required)**
- Introduction to Sociology \*
- Introduction to Psychology \*
- General or Human Biology (with lab) \*
- English Composition \*
- 3 Arts and Humanities courses (from at least two different disciplines)
- Political Science or Economics course
- Statistics
- Non-lab science course
- World Language 201-Level (consult advisor about exceptions)

**Note:** Courses marked with \* are **strongly recommended** prior to transfer. Please note that a 2.5 cumulative GPA is **required** for admission into the Social Work Program at UMBC-Shady Grove. For more information regarding course transferability and pre-transfer advising, see page 36.

## Questions about the Social Work Program?

Contact Dr. Katie Morris, LCSW-C, Program Director, at [kath@umbc.edu](mailto:kath@umbc.edu) or 301-738-6312.



## MEET THE DIRECTOR

"One of the strengths of UMBC at The Universities at Shady Grove Social Work Program is the integration of coursework and the field placement. This placement coincides with theory-based courses, which allow you to learn skills and

have the opportunity to practice those skills in a setting with support from a social worker. The field placement provides amazing experiences; it builds your resume and can lead to job opportunities. There is collaboration and support throughout students' endeavor at UMBC at The Universities at Shady Grove. We invite you to visit and learn more about our social work program."

- DR. KATIE MORRIS, LCSW-C  
SOCIAL WORK PROGRAM DIRECTOR

## TEACHING STYLE

Provides an engaging, collaborative classroom that encourages students to cultivate their skills they carry from their lived experience while learning essential social work knowledge and values.

## PROFESSIONAL PAST

Provided cognitive behavioral and motivational enhancement therapy to individuals with substance dependence and individuals with persistent mental illness.

## ACADEMIC AREAS OF FOCUS

Cultivating what lies within students including essential skills of empathy, critical thinking, and writing.

## INTERESTING FACT

Her dissertation work was a phenomenological inquiry exploring the lived experiences of Latina social workers and what they carry in their call to social work. Her research informs her teaching as she works to help students cultivate what they carry from their lived experiences while learning essential social work skills, knowledge, and values.







# ACHIEVE & ASSIST

**CHRISTIAN FIGUEROA '21**  
**SOCIAL WORK**

**HOMETOWN:** Gaithersburg, Maryland

## **SOCIAL WORK STUDENT ASSOCIATION**

The Social Work Student Association (SWSA) is an organization designed to involve students into the community through volunteering their time and energy. Every year, SWSA holds several fundraising events and organizes a group of volunteers to help throughout the holiday seasons. With professional development opportunities for those interested in a career in the field of social work, the SWSA is open to any students who are interested in learning about and helping with the needs of their local communities.

## **A PLAN OF SERVICE**

Choosing to pursue a degree in social work made all the sense in the world to Christian Figueroa. A Montgomery County native who had wanted to attend the Universities at Shady Grove since hearing about the campus back in middle school, Christian always knew that his academic career would be about helping others. Originally intending to be a chiropractor, Christian heard about the social work field from a counselor at Montgomery College and jumped at the chance to make the switch.

"The professors that I've worked with in the Social Work program hold us to a high standard, and that has really elevated my work to the next level," Christian said. "They're always available to help, and the small class sizes were really attractive to me."

## **A BRIGHT FUTURE**

After knowing where he wanted to go to college before he left middle school, it is no surprise that Christian began working towards his post-graduate goals even while still on campus. "I want to focus on case management work," he said, after explaining that he is already involved in an internship that allows him to do just that. "I want to work with middle school-aged children and help with their enrichment."

First, it's on to graduate school to pursue his Master of Social Work through an advanced placement program - another long-term goal achieved. For Christian, getting a degree at UMBC-Shady Grove has already allowed him to claim the future he envisioned for himself, a future that will only get brighter from here.

## **GIVING BACK**

Not content to wait until he completed a degree to begin his career of service, Christian decided to join UMBC's Peer Advisory Team and run for Student Council. After achieving his goal of earning a spot at UMBC-Shady Grove, he was grateful for the opportunity and wanted to help campus continue to improve and be a welcoming environment for the next generation of Shady Grove students.



# BACHELOR OF SCIENCE IN TLST TRANSLATIONAL LIFE SCIENCE TECHNOLOGY

**UMBC's B.S. in TLST** is a unique degree designed for students who want to be competitive in the biotechnology industry. This degree program combines the theory of a traditional life science degree with hands-on, real-world application of the processes that turn scientific discoveries into life-saving solutions. Specifically, the TLST degree is for students looking to apply their skills and interest in the life sciences to create innovative biotechnology solutions that will ultimately transform the health, agriculture, and environment sectors. Students will master critical skills such as analytical thinking, data analysis, and the ability to work in a team. These skills, combined with the knowledge of science gained in the TLST program, will provide students with the tools necessary to succeed in the modern era of life sciences where scientific discoveries are translated from "bench-to-bedside."

## REQUIRED TRANSFER COURSEWORK:

- Principles of Biology I
- Principles of Biology II
- Principles of Chemistry I & Introductory Chemistry Lab
- Principles of Chemistry II
- Elementary Applied Calculus I or Calculus for Life Science I or Calculus I
- Principles of Genetics
- English Composition

## RECOMMENDED TRANSFER COURSEWORK:

- Organic Chemistry I and Lab\*
- Introductory Physics\*
- Microbiology
- 3 Arts and Humanities courses (from at least two different disciplines)
- 3 Social Science courses
- World Language 201-Level (consult advisor about exceptions)

**Note:** Courses marked with \* are **strongly recommended** prior to transfer. For more information regarding course transferability and pre-transfer advising, see page 36.

## Questions about the TLST Program?

Contact Dr. Elizabeth Friar, Program Director, at [efriar@umbc.edu](mailto:efriar@umbc.edu) or 240-665-6461.



## MEET THE DIRECTOR

"TLST is such an exciting field and particularly our program at UMBC is at the forefront of this because it's a hands-on, interactive program that teaches the basics of biotechnology in a way that is industry-driven while maintaining high educational standards. We want to turn out students who can thrive in an industry context, but also have the depth of knowledge and understanding to be able to push forward the existing boundaries. We don't want our students to just do what they're told, but to become innovators and leaders in the industry."

- DR. ELIZABETH FRIAR  
PROGRAM DIRECTOR

## TEACHING STYLE

Encourages students to be co-participants in their education. It's not just the imparting of information, it's their involvement in the process. Teaches in small-group settings and takes an active, hands-on approach.

## PROFESSIONAL PAST

Got her B.A. at Oberlin College and her PhD in botany at the University of Georgia. Spent 15 years as a faculty member at the Claremont Graduate University in California. Also spent three years as a program officer for the Evolutionary Processes Cluster at the National Science Foundation.

## ACADEMIC AREAS OF FOCUS

My specialty is the evolution and molecular adaptation in the Hawaiian silversword plant lines.

## INTERESTING FACT

I have lived in seven different states - Ohio, Georgia, Arizona, California, Virginia, Oklahoma, and now Maryland.





# CAREER READINESS

## JACKELYN FLORES '22 TRANSLATIONAL LIFE SCIENCE TECHNOLOGY (TLST)

HOMETOWN: Gaithersburg, Maryland

### A WORLD OF DISCOVERY

When Jackelyn Flores was in high school, she remembers learning about the world of biotechnology from her Advanced Placement (AP) Biology teacher. A burgeoning and cutting edge field, biotechnology appealed to Jackelyn for its endless possibilities. As she worked towards an associate degree at Montgomery College (MC), she had her sights set on a transition to UMBC-Shady Grove.

"I was close with the professors at MC who were working with UMBC to create the TLST program," Jackelyn said. "UMBC was the school I wanted to go to, and Shady Grove was just much more convenient because I live and work in the area, so I joined the first TLST cohort."

### LOCAL OPPORTUNITIES

While pursuing her UMBC-Shady Grove degree, Jackelyn put her learning into practice in the real world. She now works at Astra-Zeneca's cell therapy unit, just a short drive from the Shady Grove campus.

"When I decided to pursue a TLST major, it was really nice to know that the jobs were local," she said. "Montgomery County is one of the

few hubs in the United States for biotechnology. Everybody thinks they want to move away from home, but it was nice that I didn't have to if I didn't want to."

Her perspective on the field of biotechnology has only broadened thanks to her academic journey at UMBC-Shady Grove. One of her first classes on campus exposed her to an industry panel that gave her new and unexpected interests to pursue in her career.

### EXTENDING BEYOND

Jackelyn particularly enjoys taking advantage of USG's state-of-the-art Biomedical Sciences and Engineering Building. In addition to its sleek labs and interactive lecture spaces, the building appeals to Jackelyn for its natural light and quiet study spaces so conducive to her way of learning.

From the facilities to the industry connections and fast-growing Montgomery County biotech corridor, everything about Jackelyn's UMBC-Shady Grove experience has helped her extend beyond the career she once thought possible.

### BIOMEDICAL SCIENCES AND ENGINEERING EDUCATION FACILITY

The state-of-the-art Biomedical Sciences and Engineering (BSE) Education Facility was completed in November, 2019. Thoroughly designed to prepare students in real-world settings for some of today's most sought-after careers, the BSE enables USG to set a new standard in delivering high-quality higher education to directly meet the region's economic and workforce development needs. The BSE seamlessly blends high-tech features with biophilic and sustainable design to give students a unique and exciting environment to learn, work, and discover.





## TSA MERIT SCHOLARSHIPS

Upon successful completion of program requirements, UMBC-Shady Grove TSA participants receive guaranteed transfer admission to UMBC-Shady Grove with an application fee waiver and a \$1,500 merit scholarship for each of two years of study.

# TRANSFER STUDENT ALLIANCE

Open to any student currently pursuing an associate degree at a Maryland community college who intends to earn their bachelor's degree at UMBC upon transfer.

UMBC is known for attracting highly motivated students - eager learners who get involved in their own education. The Transfer Student Alliance (TSA) offers eligible students who intend to earn their bachelor's degree at UMBC-Shady Grove the opportunity to benefit from joint programmatic efforts, shared resources and other privileges while still enrolled at the partner institution. Upon successful completion of program requirements and initiation of transfer to UMBC, eligible students will be guaranteed admission with a scholarship. For additional information on TSA at UMBC-Shady Grove, please visit [undergraduate.umbc.edu/apply/tsa](https://undergraduate.umbc.edu/apply/tsa).

### PROGRAM REQUIREMENTS:

- » Completion of an associate degree with a minimum cumulative 3.5 composite-GPA within four years of initial TSA program qualification.
- » Enrollment at UMBC within one year of completion of the associate degree without attending another 4-year institution.
- » Submit a final transcript indicating an earned associate degree from a Maryland community college.

### PROGRAM BENEFITS:

In addition to **guaranteed transfer admission** to UMBC-Shady Grove with an **application fee waiver** and a **merit scholarship** upon successful completion of TSA program requirements, UMBC-Shady Grove TSA participants also receive the following benefits prior to enrollment:

- » Priority access to Pre-Transfer Advising.
- » Priority advising and registration at New Student Orientation.
- » Concurrent enrollment at a 25 percent tuition discount for one UMBC course per semester (not to exceed a total of 3 discounted courses).
- » Access to UMBC-Shady Grove facilities, including the library and computer laboratories.

### HOW TO APPLY:

- » Students who have successfully passed and completed between 12-35 credits and have maintained at least a 3.0 cumulative GPA or higher at a Maryland community college are eligible to apply.

Visit [undergraduate.umbc.edu/apply/tsa](https://undergraduate.umbc.edu/apply/tsa) to apply to TSA.



# R2R

## RAPTOR TO RETRIEVER

Montgomery College | UMBC | The Universities at Shady Grove

### TRANSFER ACCESS PROGRAM

Raptor to Retriever (R2R) is a transfer access program designed to streamline the transfer process between Montgomery College and UMBC-Shady Grove. The program offers students a structured pathway for attaining an associate degree and a baccalaureate degree.

#### PROGRAM BENEFITS:

- » UMBC admissions application fee waiver
- » Priority UMBC-Shady Grove new student orientation program registration
- » Priority UMBC-Shady Grove pre-orientation advising and first semester course registration
- » Membership in the R2R Peer Network
- » Purple and gold graduation cords to wear at UMBC graduation
- » Student-focused and success-driven programming and applied learning opportunities

**Note:** Students must adhere to all UMBC admissions procedures and UMBC-Shady Grove program specific requirements.

#### R2R ADMISSION REQUIREMENTS:

- » **Fall deadline: June 15 | Spring deadline: November 15**
- » Minimum 2.0 MC GPA
- » Interest in one of UMBC-Shady Grove's six undergraduate programs: Computer Science, History, Political Science, Psychology, Social Work, and/or Translational Life Science Technology (TLST)
- » Earned 12-36 credits by the end of the semester of application to R2R

\* Additional selection criteria will be considered in the application process

**QUESTIONS ABOUT R2R? Contact us at [R2R@umbc.edu](mailto:R2R@umbc.edu)**

**APPLY TO R2R**  
[shadygrove.umbc.edu/r2r](https://shadygrove.umbc.edu/r2r)







## How to Apply:

- » Complete the online UMBC Application for Undergraduate Admission through the Common Application and indicate your interest in UMBC-Shady Grove within the "Questions" tab under the "Program Materials" section. You may apply online at [shadygrove.umbc.edu](https://shadygrove.umbc.edu). Click on "Apply" and then "Apply as an Undergraduate Student." Please contact 301-738-6081 with any questions.
- » Send all official transcript(s) from each college or university previously attended to the Office of Undergraduate Admissions. UMBC accepts credits only from regionally accredited institutions. Generally, courses passed with a grade of "C" or better are considered for transfer.
- » Submit the nonrefundable application fee. If you are a Phi Theta Kappa Honor Society member, your application fee may be waived by submitting a copy of your certificate to the UMBC Office of Undergraduate Admissions in addition to noting your PTK participation under the school-specific fee waiver eligibility question within the Common App. Please note that the application fee may also be waived for Raptor to Retriever (R2R) and Transfer Student Alliance (TSA) members by noting participation in one of these two programs under the school-specific fee waiver eligibility question within the Common App.
- » Review admission deadlines:  
**Fall Admission:** Priority (for full scholarship consideration): March 1; Regular: June 1.  
**Spring Admission:** Priority (for full scholarship consideration): Oct. 15; Regular: Dec. 1.
- » **The Transfer Student Alliance (TSA):** UMBC is known for attracting **highly motivated** students—eager learners who get involved in their own education. **The Transfer Student Alliance (TSA)** offers eligible students who intend to earn their bachelor's degree at UMBC-Shady Grove the opportunity to benefit from joint programmatic efforts, shared resources and other privileges while still enrolled at a Maryland community college. Upon successful completion of program requirements and initiation of transfer to UMBC, eligible students will be guaranteed admission with a scholarship. See pages 30-31 for more details.



## FUNDING YOUR EDUCATION:

- » For current tuition and fees, please visit: [sbs.umbc.edu](https://sbs.umbc.edu). Students attending UMBC's academic programs offered at The Universities at Shady Grove (USG) receive the same quality education that they would if attending our Baltimore campus. Therefore, students also pay the same tuition. However, because the facilities and services available to students differ between the two locations, students attending USG have a different fee structure.
- » To estimate UMBC charges, financial aid, and out-of-pocket expenses, you may use the interactive Undergraduate Cost Calculator found via [financialaid.umbc.edu/cost-calculators](https://financialaid.umbc.edu/cost-calculators).
- » At UMBC, several types of financial aid are available, including grants, scholarships and loans. Visit [umbc.edu/financialaid](https://umbc.edu/financialaid) to learn more.
- » FAFSA Code: 002105
- » FAFSA Priority Deadline: March 1
- » A monthly payment plan (MPP) is also offered through Student Business Services. Visit [sbs.umbc.edu/payment-plan](https://sbs.umbc.edu/payment-plan) to learn more.

## UNIVERSITIES AT SHADY GROVE (USG) SCHOLARSHIPS:

- » In addition to federal aid, private scholarships are available to Universities at Shady Grove (USG) students through generous donations provided by the USG Board of Advisors, local businesses, foundations, community organizations and individual donors. Visit [shadygrove.umd.edu/admissions-aid/scholarships](https://shadygrove.umd.edu/admissions-aid/scholarships) to access the scholarship application and to learn more.

## ABOUT ARTSYS

ARTSYS is the University System of Maryland Articulation System that facilitates the transfer of students from one institution of higher education to another. ARTSYS allows students to input transcript or course information from any Maryland community college, select a receiving institution (UMBC) and program of study, and receive an unofficial evaluation of how the Maryland community college credit could apply to the selected degree program. Although this is not an official evaluation, it can help students choose courses to take at a community college that will transfer over to your UMBC program with ease.  
[artsys.usmd.edu](https://artsys.usmd.edu)



AT



The Universities  
AT SHADY GROVE





# PRE-TRANSFER ADVISING

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## Let Us Help Make Your Transfer Smooth and Simple!

At UMBC-Shady Grove, we offer upper-level coursework in our undergraduate programs. To be eligible to enroll in these courses, certain prerequisite courses must be completed prior to transfer. In addition to prerequisite courses, there are also additional recommended courses that we strongly encourage students to complete that will assist in completion of general education requirements. Navigating these prerequisite and recommended courses will ensure a seamless transfer!

There are great resources you can use to plan your transfer, such as **ARTSYS** and **Transfer Central**, but you don't need to plan on your own. That is why we (your pre-transfer advisors) are here! We will meet you where you are and will empower you to choose a path that works best for you. Let us help you achieve your educational goals by signing up for an appointment today!

For more information and to schedule an appointment go to [shadygrove.umbc.edu/pre-transfer](https://shadygrove.umbc.edu/pre-transfer).

## What To Expect During Your Appointment

- » Comprehensive review of UMBC at the Universities at Shady Grove and how we connect with the larger UMBC community
- » Review of your coursework history and discussion regarding additional prerequisite and recommended courses that will guide you on your transfer pathway
- » Discussion about transfer policies and expectations, such as the number of transferrable credits and remaining coursework applicable to degree completion
- » Program-specific highlights
- » Introduction to financial aid and scholarship opportunities
- » Review of the application process



# VISIT US!

**The best way to discover all that UMBC at the Universities at Shady Grove has to offer is to visit our campus.**

UMBC-Shady Grove provides various events throughout the year that provide prospective students an opportunity to visit campus and meet current students, staff, faculty, and Program Directors. Visitors will learn more about the admissions and transfer process and receive an up-close and personal glimpse into their program(s) of interest. Go to [shadygrove.umbc.edu](https://shadygrove.umbc.edu) and click on "Visit Us" to view a list of upcoming undergraduate events and to schedule a visit to take advantage of opportunities such as these:

- » **Pre-Transfer Advising**
- » **Common App Bash Sessions**
- » **Undergraduate Program Director Open Houses**
- » **Undergraduate Preview Night** (fall only)
- » **Grit in Action** (spring only)

## **QUESTIONS?**

Contact UMBC at The Universities at Shady Grove at [shadygrove@umbc.edu](mailto:shadygrove@umbc.edu) or 301-738-6081.



UMBC

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9636 Gudelsky Drive, Rockville, MD 20850

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