



2025

UBMS SUMMER COMPONENT HANDBOOK

UMBC
UPWARD BOUND
MATH & SCIENCE
PROGRAM

***“There is something **EXCITING** about being in an environment
in which it's really **COOL** to be **SMART**.”***

-- Freeman A. Hrabowski, III, Ph.D.

“We are what we repeatedly do.

EXCELLENCE,

then,

is not an act,

*but a **HABIT.**”*

-- Aristotle

UBMS @ UMBC Summer Handbook

Dear Upward Bound Mathematics and Science Participant and Parents,

We would like to take this opportunity to welcome you to the summer component of the UMBC Upward Bound Mathematics and Science Program. Some of you are participating in the residential component of the program for the first time, and it may be your first experience living away from home. Living in the dormitory and keeping the rigorous schedule will require some adjustments on your part. Be sure to read thoroughly the information that is provided for you in this handbook. It is organized as a guide to help make this summer component experience as smooth, enjoyable, and profitable for you as possible. If any of the information contained herein is not clear or you have trouble understanding any of the program's rules, regulations, policies, procedures or expectations, you should direct your questions to a member of the Upward Bound Mathematics and Science Program staff.

There are several exciting experiences in store for all willing participants this summer. We urge you to take full advantage of all the educational, cultural, social, and extra-curricular activities that have been planned. They are designed to help you become a well-balanced and well-rounded individual who is comfortable in any setting. **Remember that your primary concern should be improving all areas of academic achievement.** By putting forth your best effort and cooperating with other students, as well as staff, you will attain the greatest reward and satisfaction from being involved in the Upward Bound Mathematics and Science Program.

Sincerely,



Sundiata Jangha
Director

The University of Maryland Baltimore County does not discriminate on the basis of race, color, national origin, ethnic background, ancestry, sex, disability, age, marital status, sexual orientation, veteran's status, or religion in admission to and participation in educational programs and activities, or employment practices in accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 (revised 1992), Title VII of the Civil Rights Act of 1964, and the Americans with Disabilities Act of 1990.

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**“The will to win, the desire to succeed,
the urge to reach your full potential ...
these are the keys that will unlock the
door to personal excellence.”**

Confucius

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SUMMER 2025 STAFF

June 23, 2025 – August 2, 2025

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HISTORY AND PHILOSOPHY

It is certainly not coincidental that UMBC was awarded one of the Upward Bound Mathematics and Science Programs in 1992. UMBC is a comprehensive, public research university, fully international in scope, which combines specialized scientific and technological education with a solid grounding in the liberal arts. Although the campus is just forty-two years old, the faculty and staff already compare quite favorably with their counterparts at many older and more established institutions, in terms of both the qualities of present accomplishments and prospects for future ones. We maintain state-of-the-art academic and recreational facilities. Our educational, cultural, and research programs have won many national honors and awards, and much critical acclaim.

UMBC was founded in 1966, with a coeducational, state supported liberal arts and science undergraduate emphasis. Bachelors, masters and doctoral degree programs are offered.

It is the single-minded philosophy of the UMBC Upward Bound Mathematics and Science personnel to motivate, equip, and otherwise train our students for the rewarding pursuit of education both during and beyond high school. For education, in our view, is a genuinely exciting adventure that will ultimately prepare our students for the living of productive and fulfilling lives within the increasingly complex society of the future.

Our goals, in working with our program participants, are to instill confidence, to engender self-esteem, to increase motivation, to encourage goal setting, to facilitate goal-attainment, to expand the intellect, to promote acculturation, and to broaden horizons. In short, we seek to develop a healthy mind in a healthy body.

We intend to accomplish our goals through two principal programs – a Summer Residential Program Component and an Academic Year Follow-up Component. Following the successful completion of the summer residential program, each student will be encouraged to continue his/her education and enter college to pursue a career in a mathematics and/or science area.

During this summer, students are expected to participate in a comprehensive six-week residential program at UMBC. This program provides intensive instruction in science, mathematics, and computer studies. Tutorial assistance, guidance, counseling, and field trips are included in the program as well. Every student is expected to complete a research project to round out his or her mathematics and science summer experience. This exposure to “the experience of college-life” is designed to foster the development of critical thinking, independence, competence, tolerance, and social skills, all while living in the heart of a residential learning center.

GENERAL RULES AND REGULATIONS

1. The staff will treat students with respect and courtesy; the same is expected of all students. Any incidents of disrespect, lack of courtesy, or defiance will result in disciplinary action.
2. The Office of Residential Life (ORL) and the Upward Bound Mathematics & Science Program reserve the right to remove any participant who does not comply with the stated rules and regulations, who violates federal, state, or local laws, or campus rules.
3. Students are to have an escort at all times while traveling around campus unless given special permission.
4. Students are to attend all six weeks of the program unless special permission is granted by the Director or Program Coordinator. Parents should request permission for extended absence before the program starts.
5. Students may not receive or make phone calls during classes (8:00 a.m. - 5:00 p.m.); and between the hours of 11:00 p.m. - 6:00 a.m. Emergency calls should be directed to the UBMS Office during the day or the resident director during all other times. **Cell phone usage is strictly prohibited in class and during structured activities. Any cell phone being used at prohibited times will be confiscated and returned at a later time. Further offenses will result in the phone being returned to the participant's parent or guardian only.**
6. The UBMS Office must be notified by a parent/guardian as early as possible of any student appointments. The date, pickup and return time, and name of a person responsible for transportation must be given to the Office. Students must report to the UBMS Office (during the day) or the Resident Director (during the evening) before leaving for and upon returning from an appointment.
7. Students are to submit changes in their telephone numbers, residences or other pertinent information to the UBMS office immediately.
8. No fights or use of profanity will be permitted by any member of the program at any time.
9. Students are to follow directions of any person in a position of authority. Students are to report any inconsistencies or concerns about directions to an administrative staff person.
10. Students must obtain permission from an Administrative or Counseling staff member to use the office telephone or any other office equipment or office supplies.
11. Students are restricted from having any part of their body in a vehicle other than that of their parents', guardians' or approved relatives.
12. Students must eat three well-balance meals per day according to the minimum guidelines established by the federal government for students.

13. Students are to immediately notify the Program Coordinator, counselor, teacher, residential director or any other staff member in case of illness or accident.
14. **If a student is too ill to attend class or an activity, they must inform a tutor/counselor or one of the residential directors of their condition immediately. Any student who is ill for more than one day must be picked up by their parent to recover at home.**
15. Parents must sign students out on Friday and in on Sunday. If they are to depart or arrive without a parent, parents must give written permission.
16. Students are to attend all field trips unless special permission is obtained from the Director or Program Coordinator prior to the field trip.
17. Students are to participate in all seminars, cultural events, and closing exercises, etc...

*“If you are going to achieve excellence in
big things,
you develop the habit in little matters.
Excellence is not an exception,
it is a prevailing attitude.”
- Colin Powell*

ACADEMIC RULES AND REGULATIONS



The Upward Bound Mathematics and Science Residential Summer Program experience has been developed to provide not only academic and cultural enrichment, but also to introduce the student to ideas, concepts, and practices he or she will meet in the working world. Consequently, the following guidelines have been established.

1. Attending classes is the major part of the summer program; therefore, students must **participate in all academic classes** (classes held Monday through Friday).
2. Students are to be prepared for work every day and **on time** for all classes.
3. **Sleeping in class will not be permitted.** Repeated violations of this policy will result in successively earlier curfews, and possibly dismissal from the summer program.
4. No eating or drinking will be permitted during the classes, seminars/lectures, counseling, and educational/cultural activities, unless otherwise specified.
5. **No excessive noise (loud talking, laughing, etc.) is permitted in any classroom, hallways, labs, etc. on the UMBC campus.** Therefore, voices are to be kept to low when passing through the halls.
6. Students are to complete all assignments on time and in a neat fashion according to the guidelines established by the instructor.
7. Students are to work cooperatively in teams and pairs to complete selected assigned tasks.
8. Students are to use the campus and program computers to complete assignments, research topics related to academic studies, practice SAT skills, and access information about colleges and universities. Copyright laws are to be observed at all times. The campus and program computers are never to be used for chat rooms, gathering information for personal use, e-mailing, or downloading data for personal use. Food and drink are never allowed in the computer lab.
9. Portable electronic devices excluding calculators (e.g. cell phones, pagers, mp3 players, portable DVD players, game systems, etc...) are prohibited during the academic day (8:00 a.m.- 5:00 p.m. Monday – Friday).
10. **Students who fail to maintain a grade of “C” or better in any class are subject to dismissal from the summer program after the third week of classes and will not be eligible to attend the college tour during the last week of the SRP.**

MID-SUMMER REVIEW

Student performance will be reviewed weekly. At the end of the third week of the program, student conduct and performance up to that point will be reviewed formally. This review will be used to determine the nature of each student's participation for the duration of SRP. There are three possible statuses as a result of this review; **Good Standing**, **Probation**, or **Dismissal**.

ASSESSMENT METRICS

- **Academic**
 1. Students must maintain a grade of "C" or better in all classes
 2. Students must complete and submit all assignments
- **Behavior**
 1. Students are expected to participate fully in all program activities.
 2. Students are expected to adhere to all program rules and policies.
 3. Students are expected to interact respectfully with other participants and program staff.

REVIEW STATUSES

- **Good Standing**
 - Student remains eligible for full participation in the SRP.
- **Probation**
 - Students have a follow up review weeks(s) 4 & 5 (if needed)
 - The follow up week 4 may result in the student's status being changed to Good Standing, continued probation or dismissal.
 - The outcome from the week 4 review is contingent upon the **student's** efforts to improve their deficiencies and the results of those efforts.
 - Any student still on probation after week 5 will:
 - not be eligible to attend the college tour.
 - not receive a stipend for the summer
- **Dismissal**
 - Students who are dismissed from the SRP are still UBMS participants and are expected to participate in the academic year program.
 - Students who are dismissed from the SRP will not receive a stipend.

Parents will be notified weekly for their child's progress across all of the above stated metrics. Any questions, issues, or concerns that arise should be brought to the attention of the Program Staff as soon as possible to avoid any confusion and to mitigate challenges during the summer. We will make ourselves available to any parent that would like to discuss their child's progress. Every effort will be made to include instructors should the issue be an academic one in a specific class. However we do not guarantee that instructors will always be available. The program staff are in daily communication with the instructional staff so any questions, issues, or concerns will be communicated to them.

Throughout the summer, the staff will work with you. What you learn about yourself and about being an effective student will be of help when you return to high school in the fall and continue your preparation for some type of post-secondary education. You need to take courses that meet the requirements for completing high school and entering a technical school, a two-year college, or a four-year college.

If, at the end of the summer program, for whatever reason, you have any questions about whether your course schedule for next year is the most appropriate one, try to meet with someone in your high school's Guidance Department about it BEFORE SCHOOL STARTS.

It is much easier to have changes made in your schedule prior to the beginning of the school year than during the first few hectic weeks of school. The Upward Bound Mathematics and Science Center is willing to help you in your negotiations with the school were appropriate and possible.

*“Change will not come if we wait for
some other person or some other time.*

We are the ones we’ve been waiting for.

We are the change that we seek.”

- Barack Obama



CAMPUS RULES AND REGULATIONS

UMBC will be “home” for about 45 Mathematics and Science students and staff. We hope the dorm provides each one of you in the Upward Bound Mathematics and Science community with a secure and comfortable base from which to learn and grow. In order for this to happen, everyone will have to be sensitive to the feelings and needs of others as well as to their own. As in any “family,” living together will require the willingness to compromise, even as it presents opportunities for building some special friendships. Everyone shares the responsibility for developing and maintaining the caring atmosphere that we know is a vital part of the Upward Bound Mathematics and Science Program.

1. UBMS attempts to give students a sense of what it is like when they go off to college. In most cases, as a first year students in college, students are assigned a roommate. Once assigned to a roommate, changes can only be made by the Program Coordinator upon receiving a request from the Residential Director.
2. Students must leave their dorm key with a staff member before leaving campus. Dorm keys and never leave the campus. Students will be charged for any lost dorm keys. These charges will be subtracted from their stipend.
3. Students must be inside their dorm room by 10:00 p.m. Lights and electronic devices are turned off and telephones silenced by 11:00 p.m.
4. Students must obtain the Director’s permission to leave the campus, unless it is a weekend. UBMS takes no responsibility for coordinating student’s weekend travel plans. It is up to students and their parents to reach an understanding about where the students intend to go and how they are getting there on Friday afternoons. Students must be checked out by 5:00 p.m. on Friday, and return no later than 8:00 p.m. on the following Sunday evening.
5. Only parents/guardians of students may visit the UMBC campus; however, they should try to avoid the academic hours and study hall hours. Parents must notify the UBMS office (between 8:00 a.m. and 4:00 p.m.) or Residential Director (between 4:00 p.m. and 11:00 p.m.) when they will be arriving at the dormitory. Students are responsible for remaining with their visitors while they are visiting campus. Visitors who wish to eat with their son or daughter must pay prevailing rates for meals in the cafeteria.
6. Students are required to attend all meals. Any absent student must see the Residential Director or Assistant Director to explain their absence.
7. Socialization among male and female students is only allowed in those areas designated as social areas – the community rooms and the common rooms. Students **never** gather and socialize on the stairwells.
8. **A male student may never be in a female student’s room and a female student may never be in a male student’s room.**

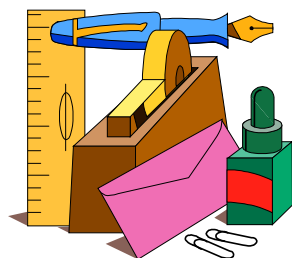
9. No PDA (public display of affection).
10. Calls can be received or made in rooms at specified times only. Abuse of the phone or any other privilege will result in the loss of phone and phone privileges in the dorm room at the discretion of the residential staff.
11. All irons and curling irons must be unplugged when not in use.
12. Cooking, use of hot plates, toasters, toaster ovens, microwaves, etc. in dorm rooms is prohibited.
13. Students must request permission to bring televisions.
14. Students are not allowed to prop the doors open. This is a violation of ORL rules and may result in removal from the residential program.



DRESS CODE GUIDELINES

The following dress code guidelines apply to all participants (staff and students) in the Upward Bound Mathematics and Science Program.

1. Wednesday is **BUSINESS DRESS DAY**. All students and staff are expected to wear business attire.
(Males: shirt and tie, dress pants, or suit)
(Females: dress, skirt/slacks and blouse, or suit)
2. **NO** bare midriffs.
3. **NO** off-the-shoulder shirts/blouses.
4. **NO** see-through material.
5. **NO** clothing which exposes the torso or upper thighs.
6. **NO** tight fitting pants and/or shirts/blouses.
7. **NO** low-rise pants.
8. **NO** low-cut blouses.
9. **NO** head coverings during campus-class time (except for religious reasons).
Exception: Head coverings are a requirement when visiting environmental sites and performing scientific investigations outdoors.
10. **NO** thongs (flip-flops) outside of the dorm for safety reasons. Construction on campus poses many safety hazards for feet if they are not properly covered.
11. **ALL** skirts or shorts must be mid-thigh length or longer.



WHAT TO BRING

WE WILL PROVIDE:

For Class:

- Pencils, pens
- Small spiral notebook or composition book as requested by the instructor.
- Highlighters
- Calculator
- USB Drive

YOU WILL NEED TO BRING:

For The Dorm:

- Clothing for one to two weeks
- Sheets, pillowcases, spread, and thin blanket for a twin-size bed
- Towels and wash cloths
- Toiletries (soap, deodorant, toothpaste, toothbrush, feminine products, etc.)
- Sturdy walking shoes - Students must wear closed-toed shoes during their science class (after lunch)
- Umbrella and/or rain gear
- Money for snacks, personal expenses, and laundry (\$.75/load)
- Water bottle
- Head covering, for outdoor activities
- Small wastebasket
- Small supply of cleaning products, such as Lysol spray, Mr. Clean liquid, sponges, etc.
- First aid kit that contains your personal medicines and items such as band aides, insect repellent, tissues, etc.
- Plastic containers for storage of non-perishable foods.
- At least one set of professional clothing to be worn on Business Dress Day (Wednesdays)
(Males: ties, dress pants, and sports jacket or suit)
(Females: dress, skirt and blouse, or suit)

Seniors should bring any college/university applications so that they may receive help to complete them.

UBMS is not responsible for any lost or stolen items. Students are responsible for the safe keeping of any items they bring to the program.

BOTTOM-LINE AGREEMENT

(Infractions may result in dismissal from the program)

I agree to abide by all rules of the UMBC Upward Bound Program and will following these essential regulations while attending the UMBC Upward Bound program:

1. I agree not to bring, possess, sell or consume ALCOHOL.
2. I agree not to bring, possess, or consume any substance not prescribed by my doctor. I also agree not to sell any DRUG, medication or substance.
3. I agree not to POSSESS, SMOKE or CHEW tobacco products.
4. I agree not to PHYSICALLY ASSAULT, VERBALLY ABUSE or SEXUALLY HARASS anyone.
5. I agree not to engage in SEXUAL ACTIVITY.
6. I understand that males are not allowed on the females' floor and females are not allowed on the males' floor without a staff escort.
7. I agree not to VANDALIZE or STEAL UMBC, the Upward Bound Program or anyone's property.
8. I agree not to CHEAT or PLAGIARIZE (steal another's work).
9. I agree not to bring, possess or use WEAPONS or engage in TERRORISTIC THREATENING.
10. I agree not to GAMBLE.
11. I agree not to bring, possess or use FIREWORKS.
12. I agree not to prop open doors because it is a FIRE HAZARD.

Broken bottom line agreements: Any violation of bottom-line agreements will result in an immediate Director's conference. It will also include immediate notification of parents/guardians. Expulsion from the program may result.

Student's Signature_____ Date_____

I understand that violation of any of the above policies will result in an immediate conference with the administrative staff. Expulsion from the program may result.

Parents' Signature(s)_____ Date_____



IMPORTANT TELEPHONE NUMBERS

Upward Bound Math/Science Office	410.455.3677 1.800.353.8622
Police/Fire Emergencies	410.455.5555
University Health Services	410.455.2542
Interfaith Center	410.455.3611
Chesapeake Hall (24 hour desk)	443.612.0300
St. Agnes Hospital Emergency Room	410.450.2000
St. Agnes Pediatric Emergency Care	410.368.2011
Maryland Transit Administration	1.866.RIDE.MTA

MAILING ADDRESS

Upward Bound Mathematics and Science Center
University of Maryland Baltimore County
1000 Hilltop Circle M/P 006
Baltimore, Maryland 21250

"Service to others is the rent you pay for your room here on earth."

"He who is not courageous enough to take risks will accomplish nothing in life."

"The fight is won or lost far away from witnesses - behind the lines, in the gym, and out there on the road, long before I dance under those lights."

-- Muhammad Ali

"NOTHING IN THIS WORLD CAN TAKE THE PLACE OF PERSISTENCE.

TALENT WILL NOT:

NOTHING IS MORE COMMON THAN UNSUCCESSFUL MEN WITH TALENT.

GENIUS WILL NOT;

UNREWARDED GENIUS IS ALMOST A PROVERB.

EDUCATION WILL NOT:

THE WORLD IS FULL OF EDUCATED DERELICTS.

PERSISTENCE AND DETERMINATION ALONE ARE OMNIPOTENT."

- PRESIDENT CALVIN COOLIDGE

At UBMS WE ARE:

TOUGH

DISCIPLINED

FOCUSED

RELENTLESS

RESILIENT

POSITIVE

CLASSY

CARING

NOBLE

SELFLESS

COLLABORATIVE

GRATEFUL

TRiO

UPWARD BOUND MATH·SCIENCE